# GIMA 2020

## INTERNATIONAL CATALOGUE

### PROFESSIONAL MEDICAL PRODUCTS

Catalogue update
NEWS 2020
36 pages of
new products

- iHEALTH WIRELESS HEALTH-CARE PRODUCTS
- DIAGNOSTIC TESTS LABORATORY
- OPERATOR'S PROTECTION
- HOLLOWARE - SURGICAL INSTRUMENTS - SYRINGES
- MEDICAL BAGS
- SCALES & MEASURES
- HEALTH CARE PATIENT AIDS
- FURNITURE
- PHYSIOTHERAPY NEBULIZERS - SUCTION PUMPS
- GYNAECOLOGY & PROCTOLOGY
- CAUTERY & ELECTROSURGERY
- LOUPES, VISION & ENDOSCOPY
- MEDICAL LIGHTS
- DIAGNOSTICS
- AUDIOMETRY & RESPIRATORY
- ECG, MONITORS & ULTRASOUND
- FIRST AID PARAMEDICAL - EMERGENCY
- STERILIZATION
- VETERINARY
- HUMAN ANATOMY MODELS

ELECTROSURGERY page 181-193

STETHOSCOPES page 229-238

Dear Dealer,

Welcome to the new **GIMA INTERNATIONAL CATALOGUE 2018-19**, your one-stop shopping source for over 8,000 sales opportunities to offer your customers.

Gima catalogue is designed to make it easier for you to find, choose and buy your medical consumable and equipment. Our customers throughout 140 countries know that they can count on **GIMA** for nine reasons:

☑ Quick delivery
*all products always in stock ready for immediate delivery*

☑ Quality products at competitive prices
*every product carefully selected and checked by our experts to offer the best value for money*

☑ On going research
*for the most innovative and advanced devices*

☑ Careful attention
*order progress monitored at every stage*

☑ Flexible response
*from small quantities to large volume orders*

☑ Complete service
*full commitment to support before, during and after sales*

☑ Four language service
*we speak English, on parle Français, parliamo Italiano, hablamos Español*
*Most products provided with English or multilingual user manual*

☑ Easy ordering
*a simple e-mail, fax or call with your requirements is all we need*

☑ Personalizations
*Made-to-order products and packaging with your marks*

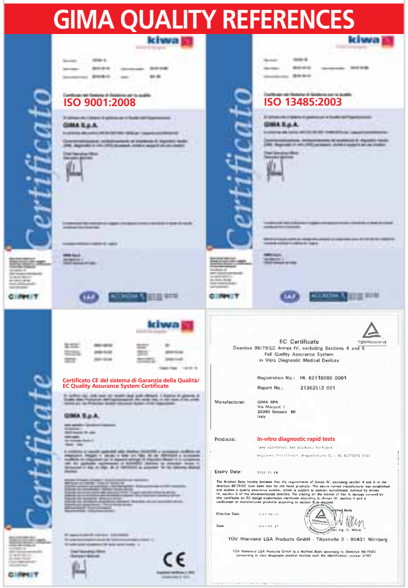
The best way to benefit from **GIMA** advantages is to try us. Contact us today to establish a long term relationship.

Your sincerely

Dr. Giulio Manzoni
(General Manager)
Giulio Manzoni

## GIMA FACILITIES

## GIMA QUALITY REFERENCES



Certificato
ISO 9001:2008
GIMA S.p.A.

Certificato
ISO 13485:2003
GIMA S.p.A.

Certificate
Certificato CE del sistema di Garanzia della Qualità/
EC Quality Assurance System Certificate
GIMA S.p.A.

EC Certificate
Directive 98/79/EC Annex IV, excluding Sections 4 and 6
Full Quality Assurance System
In Vitro Diagnostic Medical Devices
Registration No.: HL 60118080 0001
Report No.: 21262512 001
Manufacturer: GIMA SPA
Via Marconi 1
20060 Gessate MI
Italy
Products: In-vitro diagnostic rapid tests
TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg
TÜV Rheinland LGA Products GmbH is a Notified Body according to Directive 98/79/EC concerning in vitro diagnostic medical devices with the identification number 0197

GIMA

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20060 Gessate (MI) - Italy

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**E-mail: export@gimaitaly.com**
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## 1926 - 2018: 92 YEARS OF EXPERIENCE

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## OUR BRANDS

SONY RAYS CONTEC Interacoustics 3M iHealth EDAN
HEINE ALTAY SCIENTIFIC OMRON GIMA Euroclinic Sibelmed BD
KAI kai medical BARRY multiCare in seca mindray Riester weiko. health hour
PRIMEDIC Saves Life. Everywhere. CHISON Value Beyond Imaging BURN FREE Littmann® MIR
RIMSA Swann-Morton® SOEHNLE PROFESSIONAL FIAB Comdek® analyticon bionet
LANCE PARAGON SANYLEG EXCELLENCE MADE IN ITALY DURICO Ambu Ideas that work for life LUXAMED® Medizintechnik Made in Germany | 2014 BRANSON ERKA.
BSN medical Bovie meso-relle® SPENCER Abbott NONIN AND
ETHICON B|BRAUN SHARING EXPERTISE WelchAllyn® CLINICON® Germo® microlife

Capital € 364.000 V.A.T. (IVA) Registration No. IT 00734640154 - Registered in Italy: R.E.A. Mi 477226 - Reg. Imp. Tribunale di Milano 94544/2586/2143 - Registered Office: Milano

# Catalogue update with over 700 new products, 36 new pages

## GLUCOSE MONITORS, SMART DIABETES MANAGEMENT

**ADVANCED FEATURES FOR DIABETES MANAGEMENT:**

- **no-coding** technology
- **10-70%** HCT range allows neonatal and anemic blood samples
- **GDH-FAD** enzyme allows capillary, venous, arterial blood samples. No interference from maltose, galactose...
- **large display screen** for easy reading
- strip **ejector** avoid cross-contamination
- **1,000 test memory** with date and time
- **auto sample identification** (blood/control solution)
- 7, 14, 30, 60 and 90-day **averages calculation**
- **Ketone** & **Hyper/Hypo** warnings
- **meal-marker** function to monitor results before and after meals
- **automatic detection** of insufficient sample

Powered by **ACON**

5 YEARS WARRANTY

1 FREE GLUCOSE MONITOR*
every 300 glucose strips
*offer valid up to 31-12-2020, excluding Bluetooth version

**GIMA GLUCOSE MONITORS**

Accurate and reliable glucose monitors for self testing and professional use. Extensive clinical studies demonstrate the accuracy of Gima glucose monitoring system, powered by Acon, with fresh capillary, venous, neonatal blood samples. Comply with ISO15197:2013/EN ISO15197:2015.

**Available as meter only or complete kit.**

Kit includes 10 strips, code chip, control solution, 10 sterile lancets, lancet device, clear cap (for testing on forearm or palm), carrying case, user manual.

**Bluetooth version (24114 only):**

Fully integrated Bluetooth allows for data transmission to data management platforms.

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Technology: | Biosensor/Electrochemical,<br>Glucose dehydrogenase (GDH-FAD) |
| Calibration method: | No coding |
| Result calibration: | Plasma-equivalent |
| Test time: | 5 seconds |
| Sample size: | 0.6μL |
| Sample type: | Fresh whole blood (capillary, venous, neonatal) |
| Test sites: | Fingertip, forearm, palm |
| Hematocrit range: | 10-70% |
| Memory storage: | 1,000 results with date and time |
| Test averaging: | 7, 14, 30, 60, 90-day averages |
| Data transfer: | USB |
| Control solution: | 3 levels |
| Automatic shutoff: | 2 minutes after last action |
| Battery: | 2x CR 2032 3.0V coin cell batteries |
| Battery life: | 3,000 measurements |
| Other functions: | Automatic detection of insufficient sample<br>2nd sample application allowed<br>Sample perturbation detection |

24114

*Multilanguage box and manual: GB, FR, IT, ES, PT*, DE*, GR*, SE**
**Manual not included in the box, only for download from www.gimaitaly.com*

24118

| GIMA code | GIMA GLUCOSE MONITOR METER OR KIT | Languages box and manual |
|---|---|---|
| **24108** | GIMA Glucose monitor - meter only | GB, IT, SE, FI |
| **24110** | GIMA Glucose monitor kit | GB, FR, ES, PT |
| **24111** | GIMA Glucose monitor kit | IT, DE, GR, Arabic |
| **24114** | GIMA Glucose monitor kit - Bluetooth | GB, FR, IT, ES |
| **GIMA code** | **ACCESSORIES AND CONSUMABLES FOR GIMA GLUCOSE MONITOR** | |
| **24118** | Glucose Strips - box of 25 strips | |
| **24119** | Glucose Strips - box of 50 strips | |
| **24120** | Glucose Strips - box of 100 strips | |
| **24121** | Control Solution | |
| **23919** | Auto lancet device | |
| **23917** | Lancets 28G for 23919 - sterile - box of 25 pcs | |
| **23916** | Lancets 28G for 23919 - sterile - box of 100 pcs | |

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## MULTICAREIN MULTIPARAMETER DIAGNOSTIC DEVICE

SELF CONTROL

0344

- **24150 MULTICAREIN KIT - Italian manual**
- **24151 MULTICAREIN KIT - English manual**
- **24152 MULTICAREIN KIT - USB key multilanguage manual***
- **24153 MULTICAREIN KIT BLUETOOTH - USB key multilanguage manual***

**Include 9 languages: GB, IT, FR, ES, GR, PT, PL, HU, RU .*
*Selectable internal software: GB, FR, IT, ES.*

Multicarein is a multiparameter diagnostic device for the periodical self-monitor of risk factors: cholesterol, triglycerides and glucose.

Portable device for easy test procedure and quick results.

Accurate with Amperometric Technology for glucose and Reflectometric Technology for cholesterol and tryglicerides.

Supplied in cardboard box with a nylon bag, 10 glucose strips, lancet device, 10 lancets, rapid guide and user manual.

Multilanguage box: GB, FR, IT, ES, GR, PT, PL, HU, Arab.

- **23892 SOFTWARE FOR MULTICAREIN - GB, FR, IT, ES - optional**

Operating system: Windows XP, Windows 7, 8, 10, Vista, 16 Mb Ram, 10 Mb remaining space on hard disk.

MULTICAREIN

3 IN 1: CHOLESTEROL, TRIGLYCERIDES, GLUCOSE

**The first and only multi-parameter device with double technology**

**AMPEROMETRIC SUCTION STRIP - glucose**

- *Electro-chemical technology for a practical use.*
- *Requires very little blood samples (0.5 μl).*
- *Short time for the results (5 sec.)*

**REFLECTOMETRIC SUCTION STRIP - cholesterol and tryglicerides**

- *It allows a more functional self-monitoring of triglycerides and cholesterol.*

| Tube of 5 | Tube of 25 | Tube of 50 | SPARE STRIPS FOR MULTICARE "IN", MULTICAREIN 9 LANGUAGE BOX |
|---|---|---|---|
| - | **24156** | **24157** | Glucose strips biosensor + 1 chip |
| **24158** | **24159** | - | Cholesterol strips + 1 chip |
| **24160** | **24161** | - | Triglycerides strips + 1 chip |

*Strips are sold in a 9 languages box: GB, IT, FR, ES, PT, PL, GR, HU, Arab.*

| GIMA code | CONTROL SOLUTION FOR MULTICARE "IN", MULTICAREIN |
|---|---|
| **23978** | Glucose control solution |
| **23979** | Cholesterol control solution |
| **23980** | Triglycerides control solution |
| | **LANCETS FOR MULTICARE, MULTICARE "IN", MULTICAREIN** |
| **23917** | Lancets 28G - sterile - bag of 25 pcs |
| **23916** | Lancets 28G - sterile - box of 100 |

**TECHNICAL SPECIFICATIONS**

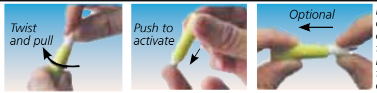
| | Measuring range | Measuring time | Blood sample |
|---|---|---|---|
| Glucose electro-chemical: | 10-600 mg/dl | 5" | 0.5 μl |
| Cholesterol | 130-400 mg/dl | 30"-60" | 10 μl |
| Triglycerides | 50-500 mg dl | 30"-60" | 10 μl |
| Memory: | 500 test results with date and time | | |
| Display: | LCD | | |
| Batteries: | 2 lithium batteries Cr 2032 3 Volts (32212)<br>suitable for 1 year or 1,000 measurements | | |
| Size - weight: | 97x49x20.5 mm - 65 g | | |

## SQUARE AND ROUND SAFETY LANCETS

Easy to use, comfortable, safety lancets to meet various capillary blood requirements.

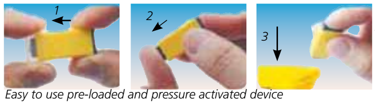
- **single-use:** the build-in-self-destructing design can prevent reuse of the device
- **no accidental injury risk:** needle is hidden before and after use to prevent accidental injuries
- **sterilization guaranteed:** the lancet is Gamma sterilized and the needle tip is protected with a sterility tab until its use allowing a long shelf life
- **no blood contamination**

24463 24465 24451 24453 24454 24455



*If the blood touched the lancet tip, conversely insert the cap into the lancet for disposal to avoid blood contamination.*

*Dual-Spring Push-Pull design to eliminate needle vibrations. Ultra-sharp tri-bevel needle*



*1 Remove the protective cap.*
*2 Push gently against the testing site.*
*3 Dispose of safety lancets in sharps container.*

*Easy to use pre-loaded and pressure activated device*
*High quality tri-bevel needle high-speed penetration with single spring*

| GIMA code | Colour | Depth of penetration | Gauge | Blood Flow | Finger Stick | Glucose | Hematocrit | Bleeding | Minimum order |
|---|---|---|---|---|---|---|---|---|---|
| | | | | **GIMA ROUND SAFETY LANCETS - NEEDLES** | | | | | |
| **24451** | Yellow | 2.2 mm | G21 | 40-60 μl | • | • | • | High | box of 100 |
| **24453** | Green | 2.2 mm | G23 | 40-60 μl | • | • | • | High | box of 100 |
| **24454** | Light blue | 1.8 mm | G26 | 5-10 μl | • | • | • | Medium | box of 100 |
| **24455** | Purple | 1.8 mm | G28 | 5-10 μl | • | • | | Low | box of 100 |
| | | | | **GIMA SQUARE SAFETY LANCETS - NEEDLES** | | | | | |
| **24463** | Orange | 1.8 mm | G23 | 20-40 μl | • | • | • | Medium | box of 100 |
| **24465** | Purple | 1.8 mm | G28 | 5-10 μl | • | • | | Low | box of 100 |

## GIMA URINE SCREEN VISUAL STRIPS - MADE IN GERMANY

- **24073 10 PARAMETER STRIP - tube of 100 strips**
- **24074 11 PARAMETER STRIP - tube of 100 strips**

These strips can be used by professionals for visual tests and can also be used with Gima urine analyzer (24046).
- global check/screening for general health condition
- check for healthy nutrition, urinary tract infection, tumors, kidney damage, gout, fever, cirrhosis, viral hepatitis, liver disease, congestive heart failure, jaundice, diabetes and acute renal failure.

For professional use only.
Multilanguage instructions: GB, FR, IT, ES, PT, DE, NL, GR, NO, SE, FI, DK, RU, CZ, PL, TR and box: GB, FR, IT, ES, PT, DE, PL, GR.

24073
24074

| GIMA URINE SCREEN | | |
|---|---|---|
| **Parameters** | **24073** | **24074** |
| Glucose | ● | ● |
| Ascorbic Acid | | ● |
| Ketones | ● | ● |
| Protein | ● | ● |
| pH-Value | ● | ● |
| Blood | ● | ● |
| Nitrite | ● | ● |
| Leucocytes | ● | ● |
| Spec. Gravity | ● | ● |
| Bilirubin | ● | ● |
| Urobilinogen | ● | ● |

## ANALYTICON COMBISCREEN® PLUS AND CLASSIC URINE TEST STRIPS

Urine strips for visual test or for use with Urilyzer® 100, 100 Pro, 500 Pro and Combiscan 100 (24057*, 24062, 24063, 24064 only)
Features:
*Not suitable for 500 Pro
- excellent ascorbic acid protection for glucose and blood pad offers relevant reduction of false negatives due to interference with ascorbic acid (only CombiScreen® Plus)
- high quality water resistant label made with real colour printing guarantees an exact visual evaluation.
- distinct colour changes in the clinically relevant range even at low concentration level
- easy to use: results can be read directly on the strip after about 60 seconds (up to 120 for Leucocytes) and compared with the label on the bottle

Supplied in alluminium tube in single cardboard box.
For professional use.
Made in Germany.

COMBISCREEN PLUS with ASCORBIC ACID PROTECTION

*Urine test strips with ascorbic acid protection pad for glucose and blood tests*

24061

*Instructions: GB, FR, IT, ES, PT, DE, NL, GR, NO, SE, FI, DK, RU, CZ, PL, TR.*
*Box: GB, FR, IT, ES, PT, DE, NL.*
*Box (24057 only): GB, FR, IT, DE, NO, SE, FI, DK.*

| ANALYTICON URINE STRIPS | | |
|---|---|---|
| **GIMA code** | **COMBISCREEN® PLUS URINE STRIPS with ascorbic acid protection** | **Minimum order** |
| **24057** | CombiScreen® 5SYS Plus - 5 parameters | tube of 100 |
| **24059** | CombiScreen® 9+Leuko Plus - 9+1 parameters | tube of 100 |
| **24061** | CombiScreen® 10SL Plus - 10 parameters | tube of 100 |
| **24063** | CombiScreen® 11SYS Plus - 11 parameters | tube of 100 |
| **24064** | CombiScreen® 11SYS Plus - 11 parameters | tube of 150 |
| | **COMBISCREEN® CLASSIC URINE STRIPS without ascorbic acid protection** | |
| **24068** | CombiScreen® 10SL - 10 parameters | tube of 150 |
| **24062** | CombiScreen® 11SYS - 11 parameters | tube of 150 |

| | **COMBISCREEN® PLUS** | | | | | **COMBISCREEN® CLASSIC** | |
|---|---|---|---|---|---|---|---|
| **GIMA code** | **24057** | **24059** | **24061** | **24063** | **24064** | **24068** | **24062** |
| **Parameters** | **5SYS** | **9+Leuko** | **10SL** | **11SYS** | **11SYS** | **10SL** | **11SYS** |
| Glucose | ● | ● | ● | ● | ● | ● | ● |
| Ascorbic Acid | | ● | | ● | ● | | ● |
| Ketones | | ● | ● | ● | ● | ● | ● |
| Protein | ● | ● | ● | ● | ● | ● | ● |
| pH-Value | | ● | ● | ● | ● | ● | ● |
| Blood | ● | ● | ● | ● | ● | ● | ● |
| Nitrite | ● | ● | ● | ● | ● | ● | ● |
| Leucocytes | ● | ● | ● | ● | ● | ● | ● |
| Spec. Gravity | | | ● | ● | ● | ● | ● |
| Bilirubin | | ● | ● | ● | ● | ● | ● |
| Urobilinogen | | ● | ● | ● | ● | ● | ● |

**COMBISCREEN® CLASSIC**

*Urine test strips without ascorbic acid protection pad*

24062

**COMBISCREEN® PLUS**

24063

## SUTURES - BRAND COMPATIBILITY

| GENERIC NAME OF SUTURES | GIMA SUTURES | ETHICON SUTURES |
|---|---|---|
| Catgut Plain & Chromic | - | GUT SUTURE PLAIN & CHROMIC |
| Polyglycolic Acid | TRUGLYDE | - |
| Fast absorbing Polyglycolic Acid | TRUGLYDE FAST | - |
| Polyglactin 910 | TRUSYNTH | VICRYL |
| Fast absorbing Polyglactin 910 | TRUSYNTH FAST | VICRYL RAPID |
| Antibacterial coated Polyglactin 910 | - | VICRYL PLUS |
| Monofilament Polydioxanone | PD SYNTH | PDS OR PDS II |
| Monofilament Poliglecaprone 25 | MONOGLYDE | MONOCRYL |
| Monofilament Polyamide Nylon | TRULON | ETHILON / NUROLON |
| Braided & coated Silk | TRUSILK | MERSILK / PERMA-HAND SILK |
| Monofilament Polypropylene | TRULENE | PROLENE |
| Braided & coated Polyester | - | ETHIBOND |
| Steel sutures | - | SURGICAL STEEL |

## SUTURE TRAINING PAD

- **23020 SUTURE TRAINING PAD with wounds with mesh**

Silicone suture training pad with 14 wounds. 3 layers: skin, subcutis, muscle (extra layer mesh under the skin).
Soft true to life skin texture.
Size. 17.2x12x1.2 cm.

23020

## 3M STERI-STRIP™

Adhesive skin closure strips, sterile, breathable and comfortable to wear.
See page 345 for:
- 3M reinforced Steri-strip
- 3M elastic Steri-strip
- Suture strips

## SURGICAL NON ABSORBABLE SUTURES - STERILE

**TRULON - polyamide nylon non absorbable monofilament suture**

**Equivalent Ethicon brand: ETHILON / NUROLON**

**Technical details**
- monofilament polyamide
- non-adhering and biologically inert
- sterilized by ethylene oxide
- shelf life of 5 years

**Applications**
- for cuticular and subcuticular closure
- orthopedic surgery
- ophthalmic
- general closure
- micro surgery

Multilanguage manual and box: GB, FR, IT, ES, PT, DE, GR.

2265

| TRULON - box of 12 | | | | | | | |
|---|---|---|---|---|---|---|---|
| **GIMA code** | **Gauge** | **Metric** | **Colour** | **Circle** | **Needle profile** | **Needle length** | **Suture length** |
| **22800** | **2/0** | 3.0 | Blue | 3/8 | Reverse Cutting | 26 mm | 45 cm |
| **22801** | **2/0** | 3.0 | Black | 3/8 | Reverse Cutting | 45 mm | 70 cm |
| **22803** | **3/0** | 2.0 | Blue | 3/8 | Conventional Cutting | 20 mm | 45 cm |
| **22804** | **3/0** | 2.0 | Blue | 3/8 | Reverse Cutting | 24 mm | 45 cm |
| **22805** | **3/0** | 2.0 | Blue | 3/8 | Conventional Cutting | 25 mm | 45 cm |
| **22807** | **3/0** | 2.0 | Black | 3/8 | Reverse Cutting | 19 mm | 45 cm |
| **22808** | **3/0** | 2.0 | Black | 3/8 | Reverse Cutting | 24 mm | 45 cm |
| **22810** | **4/0** | 1.5 | Blue | 3/8 | Reverse Cutting | 19 mm | 45 cm |
| **22811** | **4/0** | 1.5 | Black | 3/8 | Conventional Cutting | 10 mm | 38 cm |
| **22812** | **4/0** | 1.5 | Black | 3/8 | Reverse Cutting | 19 mm | 45 cm |
| **22814** | **5/0** | 1.0 | Blue | 3/8 | Reverse Cutting | 16 mm | 70 cm |
| **22815** | **5/0** | 1.0 | Blue | 3/8 | Reverse Cutting | 19 mm | 70 cm |
| **22816** | **5/0** | 1.0 | Black | 3/8 | Reverse Cutting | 19 mm | 45 cm |
| **22817** | **5/0** | 1.0 | Black | 3/8 | Reverse Cutting | 19 mm | 75 cm |
| **22820** | **6/0** | 0.7 | Blue | 3/8 | Reverse Cutting | 12 mm | 45 cm |
| **22821** | **6/0** | 0.7 | Blue | 3/8 | Reverse Cutting | 16 mm | 45 cm |
| **22822** | **6/0** | 0.7 | Black | 3/8 | Reverse Cutting | 16 mm | 45 cm |

**TRULENE - monofilament non absorbable suture - polypropylene**

**Equivalent Ethicon brand: PROLENE**

**Technical details**
- monofilament polypropylene
- non-adhering and biologically inert
- sterilized by ethylene oxide
- shelf life of 5 years

**Applications**
- hernia repair
- permanent fixtures
- general surgery
- micro surgery
- orthopedic surgery
- cardiovascular surgery
- plastic surgery
- can also be used in ophthalmic and neurological procedures

Multilanguage manual and box: GB, FR, IT, ES, PT, DE, GR.

2265

**TRUSILK - braided black silk non absorbable multifilament suture**

**Equivalent Ethicon brand: MERSILK / PERMA-HAND SILK**

**Technical details**
- made from 100% protein fiber spun
- coating of wax/silicone
- sterilized by ethylene oxide
- shelf life of 5 years

**Applications**
- general surgery
- ophthalmic surgery
- cardiovascular surgery
- gastrointestinal surgery
- orthopedic surgery

Multilanguage manual and box: GB, FR, IT, ES, PT, DE, GR.

2265

| TRUSILK - box of 12 | | | | | | | |
|---|---|---|---|---|---|---|---|
| **GIMA code** | **Gauge** | **Metric** | **Colour** | **Circle** | **Needle profile** | **Needle length** | **Suture length** |
| **22830** | **0** | 3.5 | Black | 1/2 | Round Body | 30 mm | 76 cm |
| **22831** | **2/0** | 2.0 | Black | 1/2 | Taper Cutting | 19 mm | 75 cm |
| **22832** | **2/0** | 3.0 | Black | 3/8 | Reverse Cutting | 26 mm | 45 cm |
| **22833** | **2/0** | 3.0 | Black | 1/2 | Reverse Cutting | 22 mm | 45 cm |
| **22834** | **2/0** | 3.0 | Black | 1/2 | Taper Cutting | 25 mm | 75 cm |
| **22835** | **2/0** | 3.0 | Black | 1/2 | Round Body | 30 mm | 76 cm |
| **22836** | **3/0** | 2.0 | Black | 1/2 | Conventional Cutting | 22 mm | 45 cm |
| **22837** | **3/0** | 2.0 | Black | 1/2 | Round Body | 22 mm | 45 cm |
| **22838** | **3/0** | 2.0 | Black | 3/8 | Reverse Cutting | 19 mm | 70 cm |
| **22839** | **3/0** | 2.0 | Black | 3/8 | Reverse Cutting | 24 mm | 45 cm |
| **22840** | **3/0** | 2.0 | Black | 1/2 | Taper Cutting | 19 mm | 75 cm |
| **22842** | **3/0** | 2.0 | Black | 1/2 | Taper Cutting | 25 mm | 75 cm |
| **22844** | **4/0** | 1.5 | Black | 1/2 | Reverse Cutting | 17 mm | 45 cm |
| **22845** | **4/0** | 1.5 | Black | 1/2 | Taper Cutting | 19 mm | 75 cm |
| **22846** | **4/0** | 1.5 | Black | 1/2 | Taper Cutting | 25 mm | 75 cm |
| **22847** | **4/0** | 1.5 | Black | Straight | Round Body | 19 mm | 45 cm |
| **22848** | **4/0** | 1.5 | Black | 3/8 | Reverse Cutting | 13 mm | 45 cm |
| **22849** | **4/0** | 1.5 | Black | 3/8 | Reverse Cutting | 19 mm | 45 cm |
| **22851** | **5/0** | 1.0 | Black | 3/8 | Reverse Cutting | 19 mm | 70 cm |
| **22852** | **6/0** | 0.7 | Black | 3/8 | Reverse Cutting | 16 mm | 45 cm |

| TRULENE - box of 12 | | | | | | | |
|---|---|---|---|---|---|---|---|
| **GIMA code** | **Gauge** | **Metric** | **Colour** | **Circle** | **Needle profile** | **Needle length** | **Suture length** |
| **22870** | **1** | 4.0 | Blue | 1/2 | Round Body | 30 mm | 70 cm |
| **22871** | **0** | 3.5 | Blue | 1/2 | Round Body | 30 mm | 70 cm |
| **22872** | **2/0** | 3.0 | Blue | 3/8 | Reverse Cutting | 24 mm | 70 cm |
| **22874** | **3/0** | 2.0 | Blue | 3/8 | Reverse Cutting | 24 mm | 70 cm |
| **22875** | **3/0** | 2.0 | Blue | Straight | Conventional Cutting | 60 mm | 70 cm |
| **22877** | **4/0** | 1.5 | Blue | 3/8 | Reverse Cutting | 19 mm | 45 cm |
| **22879** | **4/0** | 1.5 | Blue | 3/8 | Reverse Cutting | 19 mm | 75 cm |
| **22881** | **5/0** | 1.0 | Blue | 3/8 | Reverse Cutting | 16 mm | 70 cm |
| **22882** | **5/0** | 1.0 | Blue | 3/8 | Reverse Cutting | 19 mm | 70 cm |
| **22884** | **6/0** | 0.7 | Blue | 3/8 | Reverse Cutting | 13 mm | 45 cm |
| **22885** | **6/0** | 0.7 | Blue | 3/8 | Conventional Cutting | 16 mm | 45 cm |

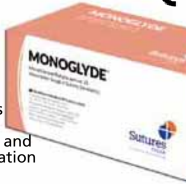
# SURGICAL ABSORBABLE SUTURES - STERILE

**MONOGLYDE - monofilament absorbable suture poliglecaprone 25**

**Equivalent Ethicon brand: MONOCRYL**

CE 2265 FDA

**Technical details**
- monofilament
- poliglecaprone 25
- synthetic absorbable suture
- sterilized by ethylene oxide
- shelf life of 3 years
- wound support: 21-28 days
- mass absorption: 90-120 days



**Applications**
- used for subcuticular repair and general soft-tissue approximation
- bowel anastomoses
- closure of the peritoneum
- closure of uterus and vaginal cuff
- not recommended for use in cardiovascular or neurological tissues, microsurgery or ophthalmic surgery
- since this is an absorbable suture, it should not be used for extended approximation of tissue (fascia)

Multilanguage manual and box: GB, FR, IT, ES, PT, DE, GR.

| MONOGLYDE - box of 12 | | | | | | | |
|---|---|---|---|---|---|---|---|
| GIMA code | Gauge | Metric | Colour | Circle | Needle profile | Needle length | Suture length |
| **22901** | **0** | 3.5 | Undyed | 1/2 | Round Body | 30 mm | 70 cm |
| **22902** | **2/0** | 3.0 | Undyed | 1/2 | Round Body | 30 mm | 70 cm |
| **22903** | **3/0** | 2.0 | Undyed | 3/8 | Slim Blade Cutting | 25 mm | 70 cm |
| **22904** | **5/0** | 1.0 | Undyed | 3/8 | Round Body | 19 mm | 45 cm |

**TRUSYNTH FAST - braided & coated polyglactin 910 fast**

**Equivalent Ethicon brand: VICRYL RAPID**

CE 2265 FDA

**Technical details**
- synthetic absorbable surgical suture
- braided and coated polyglactin 910
- sterilized by ethylene oxide
- shelf life of 5 years
- absorption period: 42 days

**Applications**
- general soft tissue approximation

Multilanguage manual and box: GB, FR, IT, ES, PT, DE, GR.

| TRUSYNTH FAST - box of 12 | | | | | | | |
|---|---|---|---|---|---|---|---|
| GIMA code | Gauge | Metric | Colour | Circle | Needle profile | Needle length | Suture length |
| **22910** | **2/0** | 3.0 | Undyed | 3/8 | Reverse Cutting | 24 mm | 70 cm |
| **22911** | **3/0** | 2.0 | Undyed | 1/2 | Round Body | 17 mm | 45 cm |
| **22912** | **3/0** | 2.0 | Undyed | 3/8 | Reverse Cutting | 19 mm | 45 cm |
| **22913** | **3/0** | 2.0 | Undyed | 1/2 | Round Body | 17 mm | 70 cm |
| **22914** | **3/0** | 2.0 | Undyed | 1/2 | Round Body | 22 mm | 70 cm |
| **22915** | **3/0** | 2.0 | Undyed | 3/8 | Reverse Cutting | 14 mm | 75 cm |
| **22916** | **3/0** | 2.0 | Undyed | 3/8 | Reverse Cutting | 24 mm | 70 cm |
| **22917** | **4/0** | 1.5 | Undyed | 3/8 | Reverse Cutting | 19 mm | 45 cm |
| **22918** | **4/0** | 1.5 | Undyed | 3/8 | Reverse Cutting | 19 mm | 70 cm |
| **22919** | **5/0** | 1.0 | Undyed | 3/8 | Reverse Cutting | 16 mm | 70 cm |
| **22920** | **6/0** | 0.7 | Undyed | 3/8 | Reverse Cutting | 11 mm | 45 cm |

**TRUGLYDE FAST - Braided and coated Polyglycolic Acid fast Undyed**

CE 2265 FDA

**Technical details**
- braided and coated
- coated with calcium stearate and polycaprolactone
- sterilized by ethylene oxide
- shelf life of 5 years
- wound support: 7-10 days
- mass absorption: 40-42 days

**Applications**
- for episiotomy
- for circumcision
- closure of skin

Multilanguage manual and box: GB, FR, IT, ES, PT, DE, GR.

| TRUGLYDE FAST - box of 12 | | | | | | | |
|---|---|---|---|---|---|---|---|
| GIMA code | Gauge | Metric | Colour | Circle | Needle profile | Needle length | Suture length |
| **22980** | **1** | 4.0 | Undyed | 1/2 | Round Body | 40 mm | 90 cm |
| **22981** | **2/0** | 3.0 | Undyed | 1/2 | Round Body | 35 mm | 75 cm |
| **22983** | **3/0** | 2.0 | Undyed | 3/8 | Reverse Cutting | 24 mm | 70 cm |
| **22984** | **3/0** | 2.0 | Undyed | 3/8 | Reverse Cutting | 20 mm | 75 cm |
| **22986** | **4/0** | 1.5 | Undyed | 3/8 | Reverse Cutting | 16 mm | 70 cm |
| **22988** | **4/0** | 1.5 | Undyed | 3/8 | Reverse Cutting | 20 mm | 75 cm |
| **22989** | **5/0** | 1.0 | Undyed | 1/2 | Round Body | 17 mm | 75 cm |

**PDSYNTH - monofilament absorbable suture polydioxanone**

**Equivalent Ethicon brand: PDS or PDS II**

CE 2265 FDA

**Technical details**
- monofilament
- polydioxanone
- synthetic absorbable suture
- sterilized by ethylene oxide
- shelf life of 5 years
- wound Support: 35-42 days
- mass absorption: 180-210 days

**Applications**
- for rectus sheath closure
- fascia closure and gastrointestinal tract
- pediatric cardiovascular surgery
- geriatric surgeries
- orthopedic surgery
- general surgery

Multilanguage manual and box: GB, FR, IT, ES, PT, DE, GR.

| PDSYNTH - box of 12 | | | | | | | |
|---|---|---|---|---|---|---|---|
| GIMA code | Gauge | Metric | Colour | Circle | Needle profile | Needle length | Suture length |
| **22940** | **1** | 4.0 | Violet | 1/2 | Round Body | 40 mm | 90 cm |
| **22941** | **0** | 3.5 | Violet | 1/2 | Round Body | 30 mm | 70 cm |
| **22942** | **0** | 3.5 | Violet | 1/2 | Round Body | 40 mm | 70 cm |

**TRUSYNTH - braided & coated polyglactin 910**

**Equivalent Ethicon brand: VICRYL**

CE 2265 FDA

**Technical details**
- braided and coated polyglactin 910
- coating of calcium stearate and polyglactin 910
- sterilized by ethylene oxide
- shelf life of 5 years
- wound support: 28-30 days
- mass absorption: 56-70 days

**Applications**
- ophthalmic procedures
- mucosal closures
- skin closure
- dental surgery
- orthopedic surgery
- general soft tissue approximation

Multilanguage manual and box: GB, FR, IT, ES, PT, DE, GR.

| TRUSYNTH - box of 12 | | | | | | | |
|---|---|---|---|---|---|---|---|
| GIMA code | Gauge | Metric | Colour | Circle | Needle profile | Needle length | Suture length |
| **22950** | **1** | 4.0 | Violet | 1/2 | Round Body | 40 mm | 90 cm |
| **22951** | **0** | 3.5 | Violet | 1/2 | Round Body | 40 mm | 90 cm |
| **22952** | **2/0** | 3.0 | Violet | 1/2 | Taper Cutting | 19 mm | 75 cm |
| **22953** | **2/0** | 3.0 | Violet | 1/2 | Round Body | 30 mm | 90 cm |
| **22954** | **3/0** | 2.0 | Violet | 1/2 | Taper Cutting | 19 mm | 75 cm |
| **22955** | **4/0** | 1.5 | Violet | 1/2 | Taper Cutting | 19 mm | 75 cm |

**TRUGLYDE - braided & coated polyglycolic acid**

CE 2265 FDA

**Technical details**
- braided and coated polyglycolic acid
- coating of calcium stearate and polyglactin 310
- sterilized by ethylene oxide
- shelf life of 5 years
- wound Support: 28-30 days
- mass Absorption: 70-90 days

**Applications**
- for soft tissue approximation during general, gynecological and orthopedic surgeries

Multilanguage manual and box: GB, FR, IT, ES, PT, DE, GR.

| TRUGLYDE - box of 12 | | | | | | | |
|---|---|---|---|---|---|---|---|
| GIMA code | Gauge | Metric | Colour | Circle | Needle profile | Needle length | Suture length |
| **22960** | **1** | 4.0 | Violet | 1/2 | Round Body | 40 mm | 90 cm |
| **22961** | **0** | 3.5 | Violet | 1/2 | Round Body | 40 mm | 90 cm |
| **22962** | **2/0** | 3.0 | Violet | 3/8 | Reverse Cutting | 24 mm | 70 cm |
| **22963** | **2/0** | 3.0 | Violet | 1/2 | Round Body | 30 mm | 90 cm |
| **22964** | **3/0** | 2.0 | Violet | 3/8 | Reverse Cutting | 19 mm | 45 cm |
| **22965** | **3/0** | 2.0 | Violet | 3/8 | Reverse Cutting | 19 mm | 70 cm |
| **22966** | **3/0** | 2.0 | Undyed | 3/8 | Reverse Cutting | 19 mm | 75 cm |
| **22967** | **3/0** | 2.0 | Undyed | 1/2 | Round Body | 22 mm | 75 cm |
| **22968** | **4/0** | 1.5 | Violet | 3/8 | Reverse Cutting | 19 mm | 45 cm |
| **22969** | **4/0** | 1.5 | Violet | 3/8 | Reverse Cutting | 19 mm | 70 cm |
| **22970** | **4/0** | 1.5 | Undyed | 3/8 | Reverse Cutting | 16 mm | 45 cm |
| **22971** | **4/0** | 1.5 | Undyed | 1/2 | Round Body | 17 mm | 75 cm |
| **22972** | **5/0** | 1.0 | Undyed | 1/2 | Round Body | 17 mm | 75 cm |
| **22973** | **5/0** | 1.0 | Undyed | 3/8 | Reverse Cutting | 13 mm | 45 cm |

# ETHICON SUTURES - ABSORBABLE AND NON ABSORBABLE

## NON ABSORBABLE STERILE SURGICAL SUTURES

**Non absorbable surgical sutures** are indicated for use in general soft tissue approximation and/or ligation included use in cardiovascular, ophthalmic and neurosurgical procedures

### ETHILON - monofilament suture

| GIMA code | ETHICON code | Gauge | Metric | Colour | Circle | Needle length | Needle | Suture length | Minimum order |
|---|---|---|---|---|---|---|---|---|---|
| **22297** | **EH7145H** | 4/0 | 1.5 | Black | 3/8 | 19 mm | FS-2 | 45 cm | box of 36 |
| **22298** | **1162H** | 4/0 | 1.5 | Black | 3/8 | 16 mm | FS-3 | 45 cm | box of 36 |
| **22299** | **2808G** | 8/0 | 0.4 | Black | 3/8 | 6.5 mm | BV130-5 | 13 cm | box of 12 |
| **22300** | **660H** | 6/0 | 0.7 | Black | 3/8 | 16 mm | FS-3 | 45 cm | box of 36 |
| **22301** | **661H** | 5/0 | 1.0 | Black | 3/8 | 19 mm | FS-2 | 45 cm | box of 36 |
| **22302** | **662SLH** | 4/0 | 1.5 | Black | 3/8 | 19 mm | FS-2S | 45 cm | box of 36 |
| **22303** | **663H** | 3/0 | 2.0 | Black | 3/8 | 24 mm | FS-1 | 45 cm | box of 36 |
| **22304** | **EH7506H** | 3/0 | 2.0 | Black | 3/8 | 19 mm | FS-2 | 45 cm | box of 36 |
| **22305** | **EW661** | 5/0 | 1.0 | Blue | 3/8 | 19 mm | FS-2 | 75 cm | box of 36 |
| **22306** | **668H** | 5/0 | 1.0 | Black | 3/8 | 13 mm | C-2 | 45 cm | box of 36 |
| **22307** | **698H** | 5/0 | 1.0 | Black | 3/8 | 13 mm | P-3 | 45 cm | box of 36 |
| **22308** | **669H** | 3/0 | 2.0 | Black | 3/8 | 24 mm | FS-1 | 75 cm | box of 36 |

### PERMA-HAND - silk sutures - braided

| GIMA code | ETHICON code | Gauge | Metric | Colour | Circle | Needle length | Needle | Suture length | Minimum order |
|---|---|---|---|---|---|---|---|---|---|
| **22310** | **18501G** | 4/0 | 1.5 | Black | 1/2 | 17 mm | J-1 | 45 cm | box of 12 |
| **22311** | **632G** | 3/0 | 2.0 | Black | 1/2 | 22 mm | X-1 | 45 cm | box of 12 |
| **22312** | **737G** | 2/0 | 3.0 | Black | 1/2 | 22 mm | X-1 | 45 cm | box of 12 |
| **22313** | **18507G** | 4/0 | 1.5 | Black | Straight | 19 mm | ST-4 | 45 cm | box of 12 |
| **22314** | **18508G** | 4/0 | 1.5 | Black | 3/8 | 13 mm | P-3 prime | 45 cm | box of 12 |
| **22315** | **18509G** | 3/0 | 2.0 | Black | 1/2 | 22 mm | SH-1 Plus | 45 cm | box of 12 |
| **22316** | **EH7149G** | 4/0 | 1.5 | Black | 3/8 | 19 mm | FS-2 | 45 cm | box of 12 |
| **22317** | **K872** | 3/0 | 2.0 | Black | 1/2 | 17 mm | RB-1 | 75 cm | box of 36 |
| **22318** | **683H** | 4/0 | 1.5 | Black | 3/8 | 19 mm | FS-2S | 45 cm | box of 36 |
| **22319** | **684H** | 3/0 | 2.0 | Black | 3/8 | 24 mm | FS-1 | 45cm | box of 36 |

### PROLENE - blue pigmented monifilament sutures

| GIMA code | ETHICON code | Gauge | Metric | Colour | Circle | Needle length | Needle | Suture length | Minimum order |
|---|---|---|---|---|---|---|---|---|---|
| **22320** | **EH7150H** | 4/0 | 1.5 | Blue | 3/8 | 19 mm | FS-2 | 75 cm | box of 36 |
| **22321** | **EH7151H** | 4/0 | 1.5 | Blue | 3/8 | 19 mm | FS-2 | 45 cm | box of 36 |
| **22322** | **W8873T** | 6/0 | 0.7 | Blue | 3/8 | 16 mm | PC-3 Prime | 45 cm | box of 24 |

## ABSORBABLE STERILE SURGICAL SUTURES

### MONOCRYL - complete absorption in 91-119 days

**Monocryl** is indicated for use in general soft tissue approximation and/or ligation, but not for cardio, neuro, micro and ophthalmic surgery

| GIMA code | ETHICON code | Gauge | Metric | Colour | Circle | Needle length | Needle | Suture length | Minimum order |
|---|---|---|---|---|---|---|---|---|---|
| **22350** | **Y493H** | 5/0 | 1.0 | Undyed | 3/8 | 13 mm | P-3 prime | 45 cm | box of 36 |

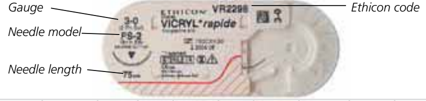
### VICRYL PLUS BRAIDED - complete absorption in 56-70 days

**Vicryl Plus** is indicated for use in general tissue approximation and/or ligation except for ophthalmic, neuro, cardiovascular

| GIMA code | ETHICON code | Gauge | Metric | Colour | Circle | Needle length | Needle | Suture length | Minimum order |
|---|---|---|---|---|---|---|---|---|---|
| **22360** | **VCP392ZH** | 4/0 | 1.5 | Violet | 3/8 | 19 mm | FS-2 | 45 cm | box of 36 |
| **22361** | **VCP305H** | 3/0 | 2.0 | Violet | 1/2 | 17 mm | RB-1 PLus | 70 cm | box of 36 |
| **22362** | **VCP452H** | 3/0 | 2.0 | Violet | 3/8 | 24 mm | FS-1 | 70 cm | box of 36 |
| **22363** | **VCP453H** | 2/0 | 3.0 | Violet | 3/8 | 24 mm | FS-1 | 70 cm | box of 36 |
| **22364** | **VCP311H** | 3/0 | 2.0 | Violet | 3/8 | 22 mm | SH-1 | 70 cm | box of 36 |
| **22365** | **VCP317H** | 2/0 | 3.0 | Violet | 1/2 | 26 mm | SH | 70 cm | box of 36 |
| **22366** | **VCP494H** | 4/0 | 1.5 | Undyed | 3/8 | 13 mm | P-3 | 45 cm | box of 36 |

### VICRYL RAPID BRAIDED - complete absorption in 42 days

**Vicryl Rapid Braided** indicated only for: use in superficial soft tissue approximation of the skin and mucosa, where only short term (7-10 days) wound support is required.



| GIMA code | ETHICON code | Gauge | Metric | Colour | Circle | Needle length | Needle | Suture length | Minimum order |
|---|---|---|---|---|---|---|---|---|---|
| **22370** | **V76H** | 3/0 | 2.0 | Undyed | 1/2 | 17 mm | J-1 | 45 cm | box of 36 |
| **22371** | **V2920G** | 4/0 | 1.5 | Undyed | 3/8 | 19 mm | FS-2 | 45 cm | box of 12 |
| **22372** | **V2930G** | 3/0 | 2.0 | Undyed | 3/8 | 19 mm | FS-2 | 45 cm | box of 12 |
| **22373** | **V2150G** | 3/0 | 2.0 | Undyed | 1/2 | 17 mm | RB-1 PLus | 70 cm | box of 12 |
| **22374** | **V2190G** | 3/0 | 2.0 | Undyed | 1/2 | 22 mm | SH-1 PLus | 70 cm | box of 12 |
| **22375** | **VR2298** | 3/0 | 2.0 | Undyed | 3/8 | 19 mm | FS-2 | 75 cm | box of 36 |

### VICRYL

| GIMA code | ETHICON code | Gauge | Metric | Colour | Circle | Needle length | Needle | Suture length | Minimum order |
|---|---|---|---|---|---|---|---|---|---|
| **22380** | **V453H** | 2/0 | 3.0 | Violet | 3/8 | 24 mm | FS-1 | 70 cm | box of 36 |
| **22381** | **V452H** | 3/0 | 2.0 | Violet | 3/8 | 24 mm | FS-1 | 70 cm | box of 36 |

### PDS II

| GIMA code | ETHICON code | Gauge | Metric | Colour | Circle | Needle length | Needle | Suture length | Minimum order |
|---|---|---|---|---|---|---|---|---|---|
| **22390** | **Z340H** | 0 | 3.5 | Violet | 1/2 | 36 mm | CT-1 | 70 cm | box of 36 |
| **22391** | **Z317H** | 2/0 | 3.0 | Violet | 1/2 | 26 mm | SH | 70 cm | box of 36 |

# DISPOSABLE SKIN STAPLER

CE 0123

**• 25891 DISPOSABLE STERILE SKIN STAPLER - box of 5**
Easy to use device with 35 staples made of High Quality 317 L Stainless Steel for medical use. High sewing up and stapling speed help shorten the time of sewing and avoid cross infection of contagious diseases. Reduced tissue reaction, thinner scar after operation and faster wound healing. Painless and convenient staples removal after the incision has healed up. For skin closure in operating room, delivery, emergency, outpatient surgery, clinics and physician's office.

# 3M™ PRECISE™ SKIN STAPLERS

**• 25896 3M PRECISE™ SKIN STAPLER 5 staples - sterile - box of 12**
**• 25897 3M PRECISE™ SKIN STAPLER 15 staples - sterile - box of 12**
The disposable Precise skin staplers offer numerous benefits over sutures
- significantly quicker, simpler to use and safer than sutures
- better cosmetic effect
- six times faster than suturing
- no risk of accidental stick injury
- less painful than sutures
- easy to remove.

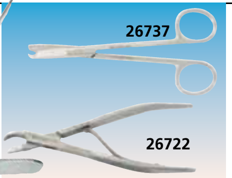
CE 0086

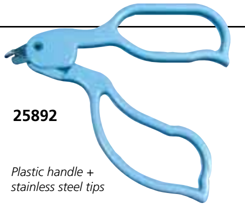
It comes pre-loaded with 5 or 15 staples (6.5x4.5 mm). Suitable for simple, recent, open, unbruised wounds. Staples are particularly suitable for scalp wounds as they do not catch on surrounding hair and are more easily identifiable at the time of removal.

# SKIN STAPLE REMOVERS

CE 0197

25893


26737
26722


25892

*Plastic handle + stainless steel tips*

25895

*Plastic handle + stainless steel tips*

CE 0086

**• 25893 DISPOSABLE SKIN STAPLE REMOVER 11 cm - sterile - box of 50**
Suitable for use with most brands of skin staples. It combines functionality with cost effectiveness.
**• 26737 S/S SPENCER SCISSORS - 13 cm**
**• 26722 S/S MICHEL STITCH REMOVER FORCEPS - 12 cm**

**• 25892 DISPOSABLE REMOVER FORCEPS - box of 20 pcs.**
Practical disposable forceps for removing regular and wider size staples. Sterile.
**• 25895 SR-3 DISPOSABLE SKIN STAPLE REMOVER - box of 10 pcs.**
3M original forceps for removing staples. Sterile.

# SURGICAL NON ABSORBABLE MESH - BLUE COLOUR

**TRULENE (Polypropylene) MESH - Non-Absorbable**
**Equivalent Ethicon brand: PROLENE MESH**

CE 2265

**Features**
- non-adhering to tissue and biologically inert
- gives strong support for indefinite periods
- excellent tensile strength and pliability
- easy to draw through tissues
- does not harbor micro-organisms
- inert material
- least thrombogenic
- the product does not require any coating is sold untreated
- sterilized by ethylene oxide

**Applications**
- hernia repair, plastic, general and gastrointestinal surgery

**Technical details**
- monofilament polypropylene non-absorbable surgical sutures

| TRULENE MESH - non absorbable | | |
|---|---|---|
| **GIMA code** | **Size** | **Minimum order** |
| **23012** | 6 x 11 cm | box of 6 |
| **23013** | 7.6 x 15 cm | box of 6 |
| **23014** | 10 x 15 cm | box of 3 |
| **23015** | 15 x 15 cm | box of 3 |
| **23016** | 30 x 30 cm | box of 1 |

*Shelf life of 5 years*

*Multilanguage manual and box: GB, FR, IT, ES, PT, DE, GR.*

# BONEWAX - STERILE

**• 23000 TRUWAX STERILE SURGICAL BONEVAX 2.5 g - box of 12**
**Equivalent Ethicon brand: BONE WAX**
Truwax is a sterile mixture of beeswax, paraffin wax and iso propyl palmitate (bone wax). It can be safely used to control bleeding from surfaces of injured bones during bone repair surgery.
Multilanguage manual and box: GB, FR, IT, ES, PT, DE, GR.

23000

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Composition: | Bees wax I.P., White Hard Paraffin Wax, I.P., Iso Propyl Palmitate, U.S.P. |
| Colour - Odour: | opaque - waxy odour |
| Sterilization: | gamma radiation |
| Shelf life: | 5 years |
| Packing: | 2.5 g per unit pack |

CE 2265

# CLINICEL OXIDIZED REGENERATED CELLULOSE

**CLINICEL OXIDIZED REGENERATED CELLULOSE**
**Equivalent Ethicon brand: SURGICEL**
**Features**
- absorbable hemostat
- made from oxidized regenerated cellulose (plant based product)
- malleable and flexible

**Applications**
- Neurosurgery: operative intervention into the cerebrum, ventricular system, spinal surgery
- Cardiac Surgery: valve replacement surgery, sterna medullary bleeding, approaches to the skull base, cerebrovascular surgery
- Gynecological surgeries: uterine wall perforation
- ENT: posterior epistaxis
- General surgeries: latrogenic perforations

23004

*Multilanguage manual and box: GB, FR, IT, ES, PT, DE, GR.*

CE 2265

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Effective Hemostasis: | in 3-5 minutes |
| Sterilization: | gamma radiation |
| Shelf life: | 3 years |

| GIMA code | CLINICEL STANDARD - box of 6 | | |
|---|---|---|---|
| | | **cm** | **inches** |
| **23003** | Clinicel standard | 5.1x7.6 | 2x3 |
| **23004** | Clinicel standard | 5.1x35.5 | 2x14 |
| **23005** | Clinicel standard | 10x20 | 4x8 |

| GIMA code | CLINICEL FIBRIL TYPE - box of 6 | | |
|---|---|---|---|
| | | **cm** | **inches** |
| **23007** | Clinicel fibril type | 2.5x5.1 | 1x2 |
| **23008** | Clinicel fibril type | 5.1x10 | 2x4 |

# GIMA SURGICAL CLIPPER

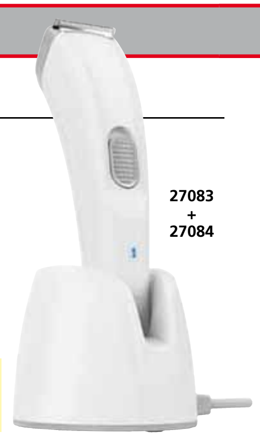
27084
27083 + 27084

*LED indicator lights provide battery recharge status*

**• 27083 GIMA SURGICAL CLIPPER**
Water-Proof surgical clipper widely used in operation room for surgery preparation or other procedures requiring for hair removal.
Safe for patients to avoid any risk of cross infection.
Supplied with charger and multilanguage manual: GB, FR, IT, ES. Blade not included.
**• 27084 CLIPPER BLADE ASSEMBLY - sterile - box of 20 pcs**
Sterile disposable blades for all types of body hair. Disposable use for each patient with ETO sterilization. Smooth to the skin.

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Battery indicator with overcharge protection | |
| Li-Ion Battery type | autonomy 60 min. |
| Charging time | 4-5 hours |
| Cutting width | 31 mm |


27083 + 27084

# 3M™ SURGICAL CLIPPER WITH PIVOTING HEAD*

*Ergonomic handle with pivoting head* and charger*

27054

**• 27054 3M™ SURGICAL CLIPPER STARTER KIT (CLIPPER + CHARGER) - 9667L-E**
The 3M surgical clipper with its unique pivoting head* is a safe, reliable and easy to use device providing a comfortable clipping experience for patients. **When used with 3M clipper blades 9660 (27055)*

| SURGICAL CLIPPER FEATURES WITH DIFFERENT SURGICAL CLIPPER BLADES | 27055 | 27056 |
|---|---|---|
| Pivoting head | ✓ | |
| Ergonomically designed handle that's easy to hold | ✓ | ✓ |
| Easy-to-attach blade | ✓ | ✓ |
| Cuts through all types of head and body hair, wet or dry, in a single pass | ✓ | |
| Quickly and effectively removes hair in trauma and neuro cases | | ✓ |
| Away-from-the-skin cutting blade minimizes potential for nicks or cuts, which helps reduce the risk of SSIs (surgical site infections) | ✓ | ✓ |
| Li-ion battery designed to hold a charger longer and battery indicator light | ✓ | ✓ |
| Approximately 160 minutes of run time on a four-hour recharge | ✓ | ✓ |
| Submersible for easy cleaning (meets IPX7 rating of submersible in water no deeper than 1 m for up to 30 min) | ✓ | ✓ |

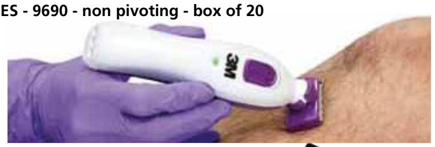
**• 27055 3M™ SURGICAL CLIPPER BLADES - 9660 - pivoting - box of 50**
**• 27056 3M™ SURGICAL CLIPPER BLADES - 9690 - non pivoting - box of 20**

*Single use clipper blade individually sealed*

27055

*Clipper blade for head and heavy body hair*

27056



# VEINSPY™ HAND-HELD VEIN FINDER

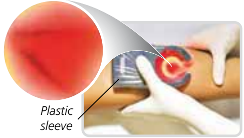
**• 23450 VEINSPY™ HAND-HELD VEIN FINDER**
**VeinSpy™** is a portable vein finder for easy visualisation of veins in adult, pediatric, geriatric, obese and dark skin patients with difficult venous access.
It works on Transverse Illumination Technology: light beams from a circular LED array penetrate the skin and act as a light source to achieve deep illumination of subcutaneous tissues. The veins in the illuminated area absorb the light and become prominent as dark lines.
The **VeinSpy™** device consist of two sets of coloured LEDs: one set emits orange light optimal for superficial veins, another set emits red light to find deeper veins.
**Advantages of the VeinSpy™:**
- reduces multiple needle prick and improves site selection for needle insertion
- no treatment delay due to difficult venous access
- reduces patient pain due to needle insertion
- increases patient comfort, avoids hematoma

**• 23451 PLASTIC SLEEVES FOR 23450 - disposable - box of 50**

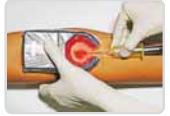
CE

*How to use VeinSpy™*
*1- Wipe the area of the patient's skin with alcohol swab.*
*2- Insert VeinSpy™ into the disposable sleeve and switch ON.*
*3- Move the VeinSpy™ across and forth to get a clear view of the specific vein.*

23450


*Plastic sleeve*

*4- After visualization of vein move the device so that needle can be inserted easily*


*5- Gently press the VeinSpy™ on the vein, through the open end of VeinSpy™ insert needle into the vein*

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Number of LED's: | 22 Orange, 8 Red |
| Functional opening: | 17 mm |
| Viewing diameter: | 33 mm |
| Rechargeable battery: | Lithium Ion, 3.7V, 1150mAh |
| Battery charger: | 110-240 V AC input, 5V DC output 750mA |
| Battery backup: | 1½ hours continuous use |
| Dimensions - weight: | 125x65x22.7 mm - 90 g |

**STANDARD ACCESSORIES**
Rechargeable battery
Battery charger
50 disposable plastic sleeves
Multilanguage user manual: GB FR, IT, PT, ES, RU, Arab

## TRAVELJOHN™ RESEALABLE DISPOSABLE URINAL AND VOMIT BAG

- **25879 TRAVELJOHN™ PAPER DISPOSABLE URINAL 800 cc - box of 4**
- **25880 TRAVELJOHN™ DISPOSABLE URINAL 800 cc - box of 3**

- practical super absorbent polymer pouch that instantly turns urine to gel
- no closure needed (only 25880)
- reusable until it is full (only 25880)
- waste disposal safe, simply throw away
- unisex collar for easy handling

- **25887 TRAVELJOHN™ DISPOSABLE VOMIT BAG 800 cc - box of 5**

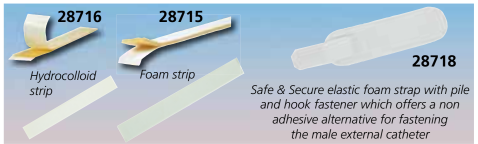
- gels instantly and water proof
- convenient sanitary and compact
- odourless and waste disposal safe

## MALE EXTERNAL LATEX CATHETERS AND CATHETER FIXATIONS

Supplied in a 6 languages (GB, FR, IT, ES, PT, DE) polybag
+
+
28710
Kit catheter + hydrocolloid strip in a pouch
28724

External male catheters made from natural medical latex. The graded cap design eliminates the possibility of twisting of the drainage system and blockage of the urine flow. No leaking or ballooning is possible.

| GIMA code | MALE EXTERNAL LATEX CATHETERS | Size | Minimum order |
|---|---|---|---|
| 28713 | Male external catheter Ø 20 mm | XS | box of 30 |
| 28709 | Male external catheter Ø 25 mm | S | box of 30 |
| 28710 | Male external catheter Ø 30 mm | L | box of 30 |
| 28711 | Male external catheter Ø 35 mm | XL | box of 30 |
| 28712 | Male external catheter Ø 40 mm | XXL | box of 30 |
| | KIT: MALE EXTERNAL CATHETER + ADHESIVE STRIP IN A POUCH | | |
| 28724 | Kit: catheter Ø 30 mm + hydrocolloid strip | L | box of 30 |
| 28725 | Kit: catheter Ø 35 mm + hydrocolloid strip | XL | box of 30 |


28716
28715
Hydrocolloid strip
Foam strip
28718
Safe & Secure elastic foam strap with pile and hook fastener which offers a non adhesive alternative for fastening the male external catheter

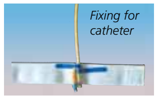
| | MALE EXTERNAL CATHETER FIXATIONS | |
|---|---|---|
| 28715 | Biadhesive foam strip 15x2x0.3 cm | box of 30 |
| 28716 | Biadhesive hydrocolloid strip 12x1.8x0.1 cm | box of 30 |
| 28718 | Safe & Secure reusable foam strap | bag of 3 |

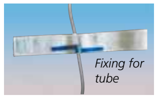
## Z-STRAP 3 IN ONE - FOR FIXING URINE BAGS, TUBES OR CATHETERS

- **28727 Z-STRAP FIXING SYSTEM FOR URINE BAG, TUBE, CATHETER - box of 2**

Comfortable and discreet all in one universal strap for fixing a urine bag, a urine bag tube or a catheter. Special designed Z-strap is made of top-quality medical garment preventing irritations; silicone beading on internal side keeps the strap in place preventing any inconvenience.

- **one size fits all (70 cm long),** can be cut to desired size
- **wide band (5 cm width),** distributes pressure and weight better, especially for diabetics
- **easy application,** for nurse and user, fast wear and removal
- **skin friendly,** no use of adhesive / no need to shave hair
- **fixing straps for silicone tubes** to prevent slipping
- **prevents injures** caused by sudden movement
- **fits all size of urine bags / leg bags**
- **reusable** can be machine washed, does not shrink
- **prevents pressure wounds,** wide strap less pressure per cm 2

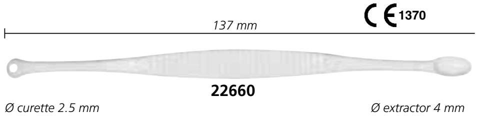




## HANGER HOLDER FOR URINE BAG

- **28698 HANGER HOLDER WITH REUSABLE COVER FOR URINE BAG - box of 10**

## DOUBLE CURETTE - EXTRACTOR



CE 1370

- **22660 CURMEDON DOUBLE CURETTE BESNIER TYPE AND EXTRACTOR - sterile - box of 20**

Medical device for skin care procedure in Dermatology. Sterilization: Ethylene Oxyde. Latex and PVC free. Each curette is individually packed in a pouch.

## STIEFEL DERMAL CURETTES AND BIOPSY PUNCHES

*Ready for use, sterile, individually packed. Extremely sharp stainless steel half edge for soft tissue. Ergonomic handle for a better grip. Size engraved on each curette for easy identification.*

| GIMA code | STIEFEL code | DERMAL CURETTES - STERILE | Minimum order |
|---|---|---|---|
| 22642 | STIEF-CUR4 | Dermal curettes Ø 4 mm | box of 10 |
| 22644 | STIEF-CUR7 | Dermal curettes Ø 7 mm | box of 10 |

*Disposable sterile instrument to perform an accurate skin biopsy. Stainless steel seamless sharp edge.Ribbed handle for more precise grip. Size engraved on each punch for easy identification.*

| GIMA code | STIEFEL code | BIOPSY PUNCHES - STERILE | Minimum order |
|---|---|---|---|
| 22650 | STIEF-BP2 | Biopsy punches Ø 2 mm | box of 10 |
| 22651 | STIEF-BP3 | Biopsy punches Ø 3 mm | box of 10 |
| 22652 | STIEF-BP35 | Biopsy punches Ø 3.5 mm | box of 10 |
| 22653 | STIEF-BP4 | Biopsy punches Ø 4 mm | box of 10 |
| 22654 | STIEF-BP5 | Biopsy punches Ø 5 mm | box of 10 |
| 22655 | STIEF-BP6 | Biopsy punches Ø 6 mm | box of 10 |
| 22656 | STIEF-BP8 | Biopsy punches Ø 8 mm | box of 10 |

## GIMA SINGLE-USE STERILE DERMAL CURETTES - LATEX FREE

*Each curette is individually sealed in a peel-apart see-through package*

Sterile, ready-to-use, disposable curettes eliminate need for re-sharpening and sterilization. Seamless, stainless steel sharp cutting edge. Easy dynamic gripping handle for sure grip. Size embossed on each curette for easy identification. Wide range of sizes.

**Clinical Areas:** dermatology, surgical, podiatry, oncology, veterinary.

Multilanguage box and instructions: GB, FR, IT, ES, PT, DE, PL, GR, RU, FI, SE, NL, RO, BG, HR, HU, NO, Arab.

CE 2460

| GIMA code | DERMAL CURETTES - STERILE | Minimum order |
|---|---|---|
| 22572 | Dermal curettes Ø 2 mm | box of 10 |
| 22573 | Dermal curettes Ø 3 mm | box of 10 |
| 22574 | Dermal curettes Ø 4 mm | box of 10 |
| 22575 | Dermal curettes Ø 5 mm | box of 10 |
| 22577 | Dermal curettes Ø 7 mm | box of 10 |

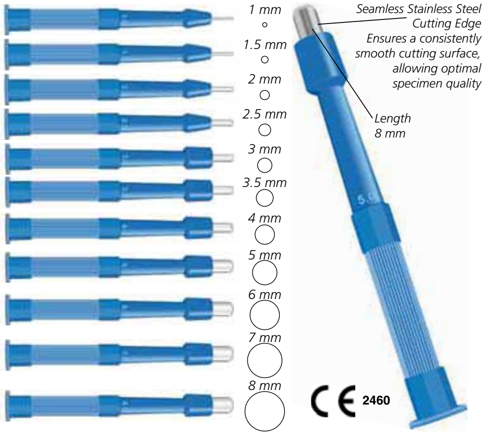
## GIMA SINGLE-USE, STERILE BIOPSY PUNCHES - LATEX FREE

Sterile, ready-to-use, disposable punches eliminate need for sterilization. Seamless, stainless steel sharp cutting edge, ribbed handle for sure grip and control. Size embossed on each punch for easy identification. Wide range of sizes. Each punch is individually sealed in a peel-apart see-through package.

**Clinical areas:** dermatology, gynaecology, podiatry.

Multilanguage box and instructions: GB, FR, IT, ES, PT, DE, PL, GR, RU, FI, SE, NL, RO, BG, HR, HU, NO, Arab.

| GIMA code | BIOPSY PUNCHES - STERILE | Blade length mm | Minimum order |
|---|---|---|---|
| 22580 | Biopsy Punches Ø 1 mm | 8 | box of 10 |
| 22581 | Biopsy Punches Ø 1.5 mm | 8 | box of 10 |
| 22582 | Biopsy Punches Ø 2 mm | 8 | box of 10 |
| 22583 | Biopsy Punches Ø 2.5 mm | 8 | box of 10 |
| 22584 | Biopsy Punches Ø 3 mm | 8 | box of 10 |
| 22585 | Biopsy Punches Ø 3.5 mm | 8 | box of 10 |
| 22586 | Biopsy Punches Ø 4 mm | 8 | box of 10 |
| 22587 | Biopsy Punches Ø 5 mm | 8 | box of 10 |
| 22588 | Biopsy Punches Ø 6 mm | 8 | box of 10 |
| 22589 | Biopsy Punches Ø 7 mm | 8 | box of 10 |
| 22590 | Biopsy Punches Ø 8 mm | 8 | box of 10 |


1 mm
1.5 mm
2 mm
2.5 mm
3 mm
3.5 mm
4 mm
5 mm
6 mm
7 mm
8 mm
Seamless Stainless Steel Cutting Edge
Ensures a consistently smooth cutting surface, allowing optimal specimen quality
Length 8 mm

CE 2460

## SWANN-MORTON RETRACTABLE BLADE SCALPELS AND STITCH CUTTERS

**SWANN-MORTON DISPOSABLE BLADES AND SCALPELS**
Swann-Morton blades and scalpels are renowned their exceptional quality, precision, consistency and reliability. Swann-Morton manufactures in the UK using high quality steel that gives exceptional cutting performance. They operate stringent quality control procedures which ensure unrivalled blade consistency and reliability. This is why Swann-Morton is the preferred choice of many medical professionals worldwide

**SAFETY SCALPELS WITH RETRACTABLE BLADE**

22441

| GIMA code | SWANN-MORTON SCALPELS WITH RETRACTABLE STAINLESS STEEL BLADE | Minimum order |
|---|---|---|
| **22440** | Disposable scalpels - blade 10 - sterile | box of 25 |
| **22441** | Disposable scalpels - blade 11P - sterile | box of 25 |
| **22443** | Disposable scalpels - blade 15 - sterile | box of 25 |
| **22448** | Disposable scalpels - blade 23 - sterile | box of 25 |

**STITCH CUTTER WITH RETRACTABLE BLADE**

22450

| GIMA code | STITCH CUTTER WITH RETRACTABLE S/S BLADE | Minimum order |
|---|---|---|
| **22450** | Stitch cutter with retractable blade - sterile | box of 25 |

Swann-Morton®

## SWANN-MORTON BLADE REMOVER

- **22455 SURGICAL BLADE REMOVER - sterile - box of 50**

The Swann-Morton Blade Remover allows for safe and easy removal of all sizes scalpel blade from both No. 3 and No. 4 handles assisting in the reduction of accidental sharps injuries.

## STITCH CUTTER

- **27058 STITCH CUTTER - sterile - box of 10**

27058

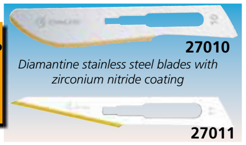
*Disposable stainless steel stitch cutter*

## DIAMANTINE™ EDGE HIGH PERFORMANCE BLADES AND SCALPELS

**DIAMANTINE™ EDGE HIGH PERFORMANCE BLADES**
**High quality, super sharp blades with zirconium nitride coating** fused on the cutting edge to satisfy the most demanding surgeons requirements.
Durable cutting edge, that stays sharp incision after incision.
The diamond like material creates a very hard edge that will not dull even under the most demanding cutting needs.
Bio-compatible and highly corrosion resistant.
Compatible with autoclavable scalpel handles N. 3 and N. 4.
Stainless steel, sterile.

**DIAMANTINE HIGH PERFORMANCE SCALPELS - sterile**
High-Performance Edge blade for extreme and durable sharpness
- sensory grip handle enhances cutting action and control of the line of incision
- each handle has a graduated 6 cm ruler to help determine incision length (indicative only)
- protective sheath covers blade to help prevent accidental cuts
- latex and phthalates free

DIAMANTINE EXTRA SHARP COATED BLADES (hardness > 2,500 Vickers)


27010

*Diamantine stainless steel blades with zirconium nitride coating*

27011

DIAMANTINE HIGH PERFORMANCE SCALPELS

*Sensory grip handle*

*Stainless steel Diamantine Edge high performance coated blade. Hardness over 2,500 Vickers*

**22460-22468**

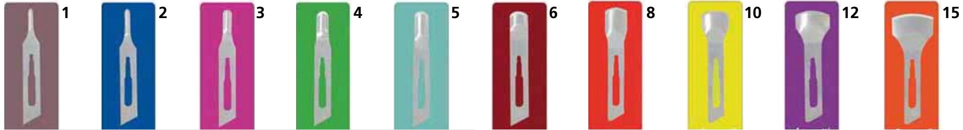
*Size is clearly marked on blade and handle for easy identification*

| DIAMANTINE STAINLESS STEEL BLADES - sterile (box of 100) | | | |
|---|---|---|---|
| GIMA code | | GIMA code | |
| **27010** | Blades N. 10 | **27015** | Blades N. 21 |
| **27011** | Blades N. 11 | **27016** | Blades N. 22 |
| **27013** | Blades N. 15 | **27017** | Blades N. 23 |
| **27014** | Blades N. 20 | **27018** | Blades N. 24 |

| DIAMANTINE STAINLESS STEEL SCALPELS - sterile (box of 10) | | | |
|---|---|---|---|
| GIMA code | | GIMA code | |
| **22460** | Scalpels - blade 10 | **22465** | Scalpels - blade 21 |
| **22461** | Scalpels - blade 11 | **22466** | Scalpels - blade 22 |
| **22463** | Scalpels - blade 15 | **22467** | Scalpels - blade 23 |
| **22464** | Scalpels - blade 20 | **22468** | Scalpels - blade 24 |

## GOUGE BLADES AND HANDLES

**CARBON STEEL GOUGE BLADES - sterile**
Sterile, sharp, surgical gouge blades are used by podologists for hand, feet and skin care. Each blade is sterilized by gamma radiation and protected by VCI paper in a peel - open foil sachet. Gouge blades fit into handle no. 3 and special gouge handle. Wide range of sizes.



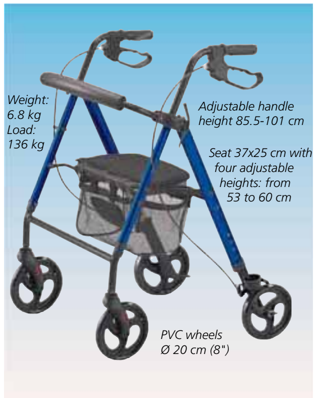
| GIMA code | CARBON STEEL GOUGE BLADES - STERILE | code | |
|---|---|---|---|
| **22501** | Blades 1 - box of 50 | **22506** | Blades 6 - box of 50 |
| **22502** | Blades 2 - box of 50 | **22508** | Blades 8 - box of 50 |
| **22503** | Blades 3 - box of 50 | **22510** | Blades 10 - box of 50 |
| **22504** | Blades 4 - box of 50 | **22512** | Blades 12 - box of 50 |
| **22505** | Blades 5 - box of 50 | **22515** | Blades 15 - box of 50 |

CE 2460

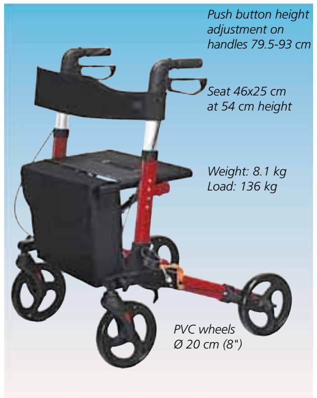
22520

| GIMA code | STAINLESS STEEL HANDLES |
|---|---|
| **22520** | Special gouge handle - stainless steel |
| **26913** | Gouge/scalpel handle N°3 - stainless steel |

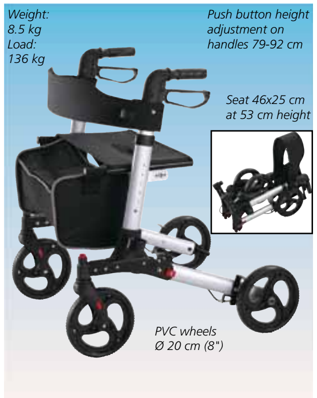
## ATTRACTIVE, LIGHTWEIGHT ALUMINIUM ROLLATORS WITH SEAT


Weight:
6.8 kg
Load:
136 kg
Adjustable handle height 85.5-101 cm
Seat 37x25 cm with four adjustable heights: from 53 to 60 cm
PVC wheels Ø 20 cm (8")

- **43160 LIGHTWEIGHT ROLLATOR**
Lightweight blue aluminium frame with PP comfortable seat. Seat adjustable height fit for different height users. Handy up seat, padded backrest foldable up and down, wheeled detachable legs make the packing size very small. Loop brakes for more safety. Size 56x77 cm. Packing dimension 60x18x58 cm. Multilanguage manual: GB, FR, IT, ES.


Push button height adjustment on handles 79.5-93 cm
Seat 46x25 cm at 54 cm height
Weight: 8.1 kg
Load: 136 kg
PVC wheels Ø 20 cm (8")

- **43162 COMPACT ROLLATOR**
Lightweight red aluminium frame, mesh cloth seat with pull up strap. Ergonomic handle and loop brakes for more safety. Cane holder. Two front revolving and fold-up wheels, two rear legs fold up for a very compact folded size. Size 64x66.5 cm. Packing dimension 66x29x37 cm. Multilanguage manual: GB, FR, IT, ES.

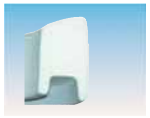

Weight:
8.5 kg
Load:
136 kg
Push button height adjustment on handles 79-92 cm
Seat 46x25 cm at 53 cm height
PVC wheels Ø 20 cm (8")

- **43164 STYLISH ROLLATOR**
Lightweight silver aluminium frame, foam padded nylon seat with pull up strap. Ergonomic handle and loop brakes for more safety. Hidden brake cable. Cane holder. Quick release front wheel, rear tubes fold up without any screw for a very compact folded size. Size 66x73 cm. Packing dimension 66x29x37 cm. Multilanguage manual: GB, FR, IT, ES.

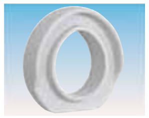
## CONTACT PLUS SOFT RAISED TOILET SEATS

- **27743 CONTACT PLUS SOFT RAISED TOILET SEAT**
- **27745 CONTACT PLUS SOFT RAISED TOILET SEAT - with lid**

High quality soft toilet raiser, made of high-density foam injected in a waterproof PVC skin. It fits any toilet bowl in a very secure way. This comfortable seat with ergonomic shape and high density foam, raises the toilet by 11 cm (4.3 inches). Tested for 185 kg (407 lb).
Made in France.


*Cross section view*

*Exclusive comfort*


*Fits most toilet bowls*

27743

27745

| Dimension | width | depth | height |
|---|---|---|---|
| Outside | 37 cm | 41 cm | 16 cm |
| Inside | 21 cm | 26 cm | 16 cm |

## ADVANCE ELBOW CRUTCHES

- **43090 ADVANCE CRUTCHES - blue/black - pair**
- **43091 ADVANCE CRUTCHES - turquoise/black - pair**
- **43092 ADVANCE CRUTCHES - orange/black - pair**

Advance is the first polypropylene and elastomer bi-injected crutch, bringing enhanced comfort to the user.
Certified and tested up to 140 kg.
Adjustable in height 10 times per clip. Integrated anti-noise cap and Pivoflex tip. Made in France.

- **43121 PIVOFLEX TIP - box of 10 - spare**
Inner Ø 19 mm, outer Ø 40 mm.

| TECHNICAL SPECIFICATIONS | |
|---|---|
| Weight kg: | 0.51 |
| Height handle to floor cm: | 77-98 cm |
| Material of handle: | polypropylene and elastomer |
| Number of adjustment of height: | 10 |
| Tube finishing/material: | anodized aluminium |
| Certified and tested for kg: | 140 |
| Handgrip length cm: | 10 |

43121
*High quality tip*

Polypropylene and elastomer bi-injected crutch for enhanced comfort to the user

43090

43092

43091

# LIFT ARMCHAIRS WITH 1 OR 2 MOTORS

Lift armchairs that feature a powered lifting mechanism that pushes the chair up from its base to assist the user to a standing position. Multilanguage manual: GB, FR, IT, ES.

**1 motor lift armchair:**
the chair's backrest and footrest can lift or recline together and very easily.

**2 motors lift armchair:**
it can reach the bed position providing a relaxing experience. Its backrest and footrest can operate separately to any position.

**ARIANNA LIFT ARMCHAIRS 1 or 2 MOTORS**

45176

| ARIANNA LIFT ARMCHAIRS with 1 or 2 motors | | | | |
|---|---|---|---|---|
| **Blue** | **Brown** | **Green** | **Burgundy** | |
| **45170** | - | - | **45173** | Arianna 1 motor |
| **45175** | **45176** | **45177** | **45178** | Arianna 2 motors |
| **45179** | - | - | - | Arianna 2 motors - fireproof |
| **COVERS FOR LIFT ARMCHAIRS** | | | | |
| **45195** | **45196** | **45197** | **45198** | Covers for armchairs |

| Seat | | | Backrest | Chair | | Load | |
|---|---|---|---|---|---|---|---|
| Width cm | Depth cm | Height cm | Height cm | Width cm | Length cm (reclined) | kg | lbs |
| 49 | 49.5 | 49 | 70 | 75 | 170.5 | 160 | 352 |

45175

45178

**GINEVRA LIFT ARMCHAIRS 2 MOTORS**

45180

| GINEVRA LIFT ARMCHAIRS with 2 motors | | | | |
|---|---|---|---|---|
| **Blue** | **Brown** | **Green** | **Burgundy** | |
| **45180** | - | **45182** | **45183** | Ginevra 2 motors |
| - | **45184** | - | - | Ginevra 2 motors - fireproof |
| **COVERS FOR LIFT ARMCHAIRS** | | | | |
| **45195** | **45196** | **45197** | **45198** | Covers for armchairs |

| Seat | | | Backrest | Chair | | Load | |
|---|---|---|---|---|---|---|---|
| Width cm | Depth cm | Height cm | Height cm | Width cm | Length cm (reclined) | kg | lbs |
| 46 | 51 | 40 | 66 | 74 | 169 | 160 | 352 |

45183

45182

**FLAVIA LIFT ARMCHAIRS 2 MOTORS**

45188

| FLAVIA LIFT ARMCHAIRS with 2 motors | | | |
|---|---|---|---|
| **Blue** | **Brown** | **Burgundy** | |
| **45185** | **45186** | **45188** | Flavia 2 motors |
| - | - | **45190** | Flavia 2 motors - fireproof |
| **COVERS FOR LIFT ARMCHAIRS** | | | |
| **45195** | **45196** | **45198** | Covers for armchairs |

| Seat | | | Backrest | Chair | | Load | |
|---|---|---|---|---|---|---|---|
| Width cm | Depth cm | Height cm | Height cm | Width cm | Length cm (reclined) | kg | lbs |
| 47 | 50 | 47 | 74 | 78 | 171.5 | 160 | 352 |

45185

45186

# iHEALTH WIRELESS PERSONAL HEALTHCARE SCALES

*BMI function in the App*

*For iOS 9.0 and Android version 4.4 +*
*See the list of compatible devices*
*on ihealthlabs.eu/support*

23504

**• 23504 iHEALTH LINA HS2 WIRELESS SCALE**
Weight and BMI monitoring on iPhone, iPad and Android smartphone.
- light and compact home scale
- measures weight and BMI
- luminous LED display
- tracks data, graphs and history on the iHealth MyVitals App
- store up to 200 measurements before synchronisation. Selection filter in the patient profile
- share your medical data with your healthcare professional or family

Bluetooth Sync, easy to install. Secure and free data storage.

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Connectivity: | Bluetooth 4.0 Class 2 |
| Range: | 5-180 kg - ±1% (50 - 180 kg) |
| Size - weight: | 310x310x26.5 mm - 1,750 g |
| Batteries: | 4x1.5 V AAA included |

*For iOS 9.0 and Android version 5.0 +*
*See the list of compatible devices*
*on ihealthlabs.eu/support*

23503

**• 23503 iHEALTH FIT HS2S WIRELESS BODY ANALYSIS SCALE**
Weight and body composition monitoring on iPhone, iPad and Android smartphone.
- light and compact body analysis scale
- measures weight, BMI (Body Mass Index), lean, bone, muscle, water mass, body fat, daily caloric intake and visceral fat rating
- luminous LED display
- 8 users
- track data, graphs and history on the iHealth MyVitals App
- store up to 500 measurements per user before synchronization
- share your medical data with your healthcare professional

Bluetooth Sync, easy to install. Secure and free data storage.

**TECHNICAL SPECIFICATIONS**

| | | |
|---|---|---|
| Connectivity: | Bluetooth 4.0 | |
| Dimensions - weight: | 306x306x26.6 mm - 1,850 g | |
| Battery: | 4 AAA batteries 1.5 V (included) | |
| Range- sensitivity: | - weight | 5-180 kg (11-400 lb) - ±1% |
| | - body fat | 5%-65% ±1% |

# HOSPITAL DIGITAL BABY SCALE

**SOEHNLE PROFESSIONAL**

*Made in Germany*

*Manual in:*
*GB, FR, IT, DE.*
*PDF on request:*
*PL, NL, ES.*

**Class III**

**27260**

**• 27260 SOEHNLE 7752 EXKLUSIV HOSPITAL SCALE - digital - Class III**
High precision and reliability scale suitable for hospital use (approved class III, MPG class I).
- attractive baby scale with very fine division of 2g / 5g
- 5-button operation with programmable function key
- hold function: the weight value will freeze after stand still
- simple differential weighing after breastfeeding / feeding possible (BMIF)
- analogue and digital measurements with optional baby height rod
- tara function: covers / paddings can be tared
- manual input of tare values by function key
- backlit LCD display, 16 mm digit height
- detachable baby tray
- protection Class IP X2
- provisional tare

**• 27264 BABY HEIGHT ROD**
Digital and mechanical rod, 35 to 80 cm, division 1 mm. Manual in 23 languages.

**27260+**
**27264**

**TECHNICAL SPECIFICATIONS**
Capacity: 15 kg
Sensitivity: 2 g up to 6 kg, 5 g up to 15 kg
Dimensions - weight: 60x38.5x12.9 cm - 6.8 kg
Operating voltage: 100-240 V, 50/60 Hz

# SIRIO SCALE

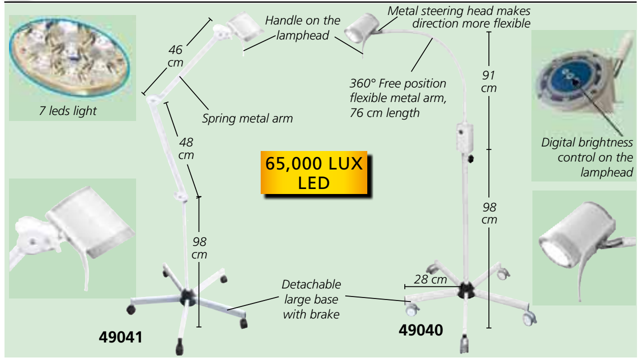
**• 27305 SIRIO SCALE - 150 kg**
**mechanical with height meter (85-210 cm)**
Sturdy and reliable dial scale to warrant exact and precise measurements.
Large dial for easy reading.
User manual in GB, FR, IT, ES, PT, DE, GR, Arabic.

**27305**

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Capacity: | 150 kg |
| Sensitivity: | 500 g |
| Weight: | 13 kg |
| Dimensions: | 68x27.5x108 cm |
| Platform: | 37x27 cm |
| Package size: | 106x34x29 cm |

## HYRIDIA 7 LEDS LIGHTS - 65,000 LUX


7 leds light
46 cm
Handle on the lamphead
Metal steering head makes direction more flexible
91 cm
Spring metal arm
360° Free position flexible metal arm, 76 cm length
48 cm
65,000 LUX LED
Digital brightness control on the lamphead
98 cm
98 cm
Detachable large base with brake
28 cm
49041
49040

- **49040 HYRIDIA 7 LEDS LIGHT - flexible arm - trolley**
- **49041 HYRIDIA 7 LEDS LIGHT - metal spring arm - trolley**

7 Leds 10W medical procedure lights on trolley with flexible soft arm or metal spring arm. Digital brightness control. Manual: GB, FR, IT, ES, PT, DE, PL, GR.

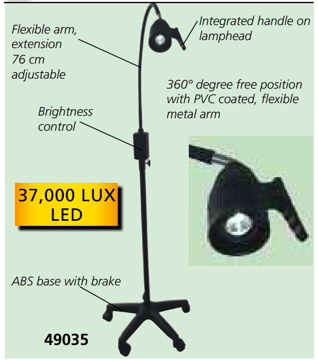
**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Consumption: | 10 W |
| Colour temperature: | 4,800-5,500 °K |
| External Ø of reflector: | 89 mm |
| Colour rendering index (CRI): | 75 Ra |
| Operating voltage: | 110-265 V, 50/60 Hz |

Light intensity and Light field Ø:

| Illumination | Ø | Distance |
|---|---|---|
| 78,000 lux | 9 cm | 30 cm |
| 65,000 lux | 12 cm | 50 cm |
| 22,000 lux | 18 cm | 100 cm |

## LUMINA LED LIGHT


Flexible arm, extension 76 cm adjustable
Integrated handle on lamphead
360° degree free position with PVC coated, flexible metal arm
Brightness control
37,000 LUX LED
ABS base with brake
49035

- **49035 LUMINA LED LIGHT - trolley**

Classic examination LED light with flexible arm. Manual: GB, FR, IT, ES, PT, DE, PL, GR.

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Consumption | 3 W |
| Light intensity at 50/30 cm | 37,000/89,000 lux |
| Colour temperature: | 6,000 °K |
| External Ø of reflector: | 75 mm |
| Colour rendering index (CRI): | 75 Ra |
| Light field Ø: | 4 cm at 50 cm |
| Operating voltage: | 110-265 V, 50/60 Hz |

## SURGICAL LED HEADLIGHT

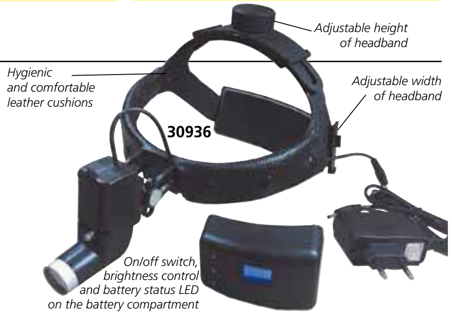
- **30936 GIMA 40 KL SURGICAL LED HEADLIGHT**

Latest generation of portable headlight system offering high quality performance. Features:
- spot size adjustable by inner mini light grating
- precise light imaging by multi optical lens
- integrated cordless design
- low weight only 200 g

Supplied with battery and battery charger

**TECHNICAL SPECIFICATIONS**

Illumination source: 5W LED
Illumination intensity: 30,000 lux
Colour temperature: 6,000K
Spot size: Max 70 mm, Min 50 mm at 32 cm
Lamp working life: 40,000 hours
Battery: 3.7V Lithium Battery
Battery run time: 6 hours
Battery charging time: 3.6 hours
Input voltage: 100-240VAC


Adjustable height of headband
Hygienic and comfortable leather cushions
Adjustable width of headband
30936
On/off switch, brightness control and battery status LED on the battery compartment

## LED SPOT-ADJUSTED LIGHT

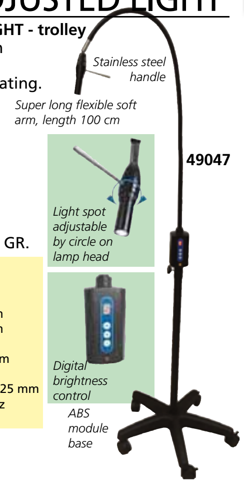
- **49047 LED SPOT-ADJUSTED LIGHT - trolley**

LED Spot examination lamp with multi-optical lens and light spot adjustable by inner mini light grating.
Additional features:
- uniform and pure light spot
- front optical lens
- inner light grating
- rear dual optical lens
- 100 cm super long 360° free position and PVC coated flexible metal arm

Manual: GB, FR, IT, ES,PT, DE, PL, GR.

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Bulbs/power: | 1 LED / 5 W |
| Ø of lamp head: | 25 mm |
| Illumination: | 25,000 lux at 30 cm<br>10,000 lux at 50 cm |
| Light field Ø: | max 70 mm,<br>min 15 mm at 30 cm |
| Colour temperature: | 4,800°-6,000° K |
| Lamphead: | Ø 25 mm, length 125 mm |
| Power supply: | 100-260 V, 50/60 Hz |
| Power cord: | length 272 cm |


Stainless steel handle
Super long flexible soft arm, length 100 cm
Light spot adjustable by circle on lamp head
49047
Digital brightness control
ABS module base

## GIMA LED MEDICAL HEADLIGHT

- **30879 GIMA 38 KL LED MEDICAL HEADLIGHT 3W - with rechargeable batteries**

Advanced LED technology headlight with white and homogeneous light, ideal for all surgical and dental applications
- brilliant LED micro 3W provides free range of movement and wide field of view
- **coaxial illumination,** shadow-free illumination of cavities, ideal for ENT and dental applications.
- compact, lightweight, ensures perfect comfort
- compact and long lasting aluminium housing, reduces heat build-up. Easy to clean.
- individual adjustment of the angle of view.

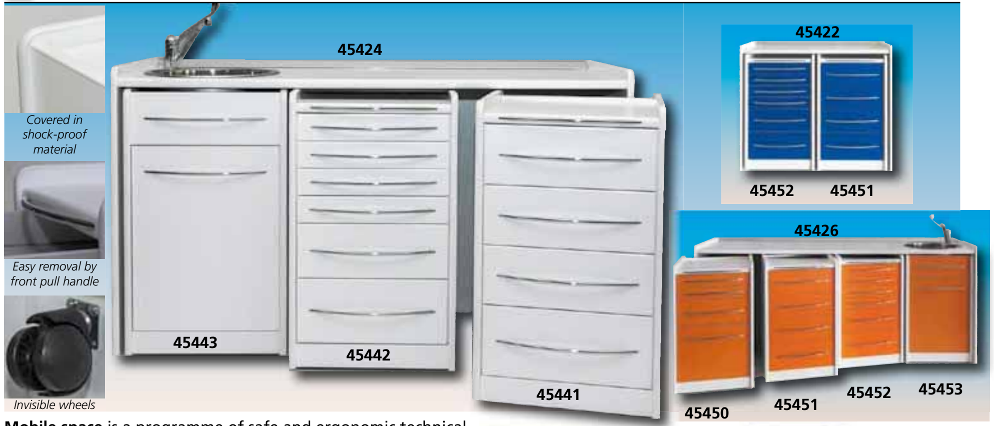
30879
On/off switch, brightness control and battery status LED on the battery compartment

Supplied with battery and battery charger

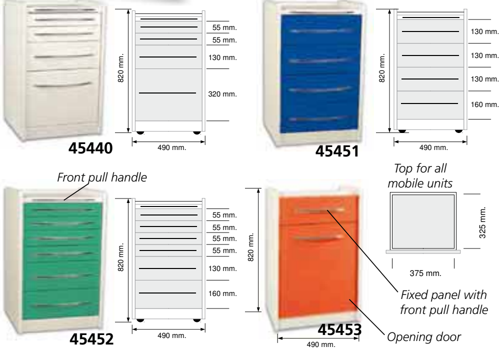
**TECHNICAL SPECIFICATIONS**

Illumination: 38,000 lux
Light spot: 40-150 mm
LED operating life: up to 50,000 hours
Brightness intensity: 0-100% adjustable
Battery duration: 5-12 hours
Battery charging time: 3.6 hours
Battery charger: 100-240 V, 50/60 Hz

## GIMA MOBILE SPACE: WORKTOPS AND MOBILE UNITS



**Mobile space** is a programme of safe and ergonomic technical furniture for medical, physiotherapy and professional beauty use. These units feature wheels and offer the same levels of functionality as trolleys. The visible edges are radiating and covered in shockproof material. The steel handles provide good grip without dangerous edges. Stability is optimised by the inner and outer sides, the extra-thick backs and invisible wheel positioning. The steel runners of the drawers with rocker arm closing ensure smooth opening while preventing undesired opening during transport.
The independent worktop makes it possible to fully pull out the units for easier floor cleaning and position the trolleys according to need. It is available with or without washbasin (left or right). The broad choice of unit configurations and colour range make it possible to personalise interiors according to individual requirements. Made in Italy.



| GIMA code | STANDARD WORKTOPS - WHITE |
|---|---|
| 45420 | Worktop 106 cm - right washbasin |
| 45421 | Worktop 106 cm - left washbasin |
| 45422 | Worktop 106 cm - without washbasin |
| 45423 | Worktop 156 cm - right washbasin |
| 45424 | Worktop 156 cm - left washbasin |
| 45425 | Worktop 156 cm - without washbasin |
| 45426 | Worktop 206 cm - right washbasin |
| 45427 | Worktop 206 cm - left washbasin |
| 45428 | Worktop 206 cm - without washbasin |
| | **ACCESSORIES** |
| 45459 | Chromed mixer tap 45459 |

| MOBILE UNITS | | | | |
|---|---|---|---|---|
| ☐ white | 🟦 blue | 🟩 green | 🟧 orange | Model |
| 45440 | ← | 45450* | → | 4 drawers |
| 45441 | ← | 45451* | → | 4 drawers |
| 45442 | ← | 45452* | → | 6 drawers |
| 45443 | ← | 45453* | → | under washbasin |

*Available in 45 days, please specify colour with order

## INFUSION STANDS

- **27826 INFUSION STAND**
- **27829 INFUSION STAND with hydraulic pump**

Made of chrome plated steel.
Four chrome plated steel hooks.
Five spoke stainless steel base Ø 60 cm with castors Ø 50 mm, two with brake.
Made in Italy.

**TECHNICAL SPECIFICATIONS**

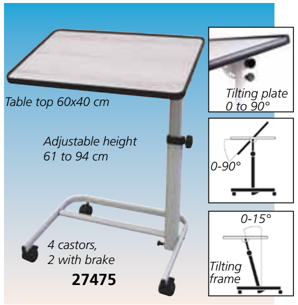
| | 27826 | 27829 |
|---|---|---|
| Adjustable height (cm): | 160-250 | 189-260 |
| Load (kg)*: | 30 | 30 |
| Weight (kg): | 10 | 18 |
| Infusion pump frame (cm): | 39x75 | |
| Packaging size (cm): | 185x18x43 | |

*Load 5 kg each hook, 10 kg for infusion pump frame

## OVERBED TABLE

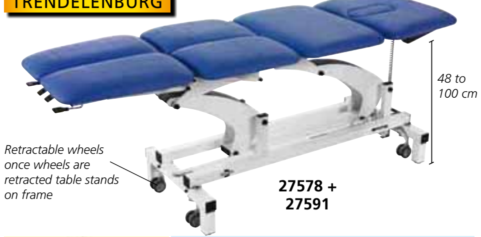
- **27475 OVERBED DIFFUSION TABLE - white**

Overbed table with high quality, laminated, fire resistant tabletop with an edging strip.
Epoxy coated "C" shaped steel frame allows for closer access while in a chair. Delivered ready to use and easy to fold flat (15 cm) for ease of storage.
Weight: 8 kg.
Max load: 10kg.
Made in France.



# SINTHESI MI.TO. ELECTRIC HEIGHT-ADJUSTABLE TABLES

6 SECTIONS AND TRENDELENBURG

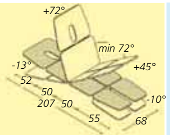

48 to 100 cm
Retractable wheels once wheels are retracted table stands on frame

27578 + 27591

**SINTHESI MI.TO TABLES - electric**
Two-motor examination and treatment tables, electric height adjustment by foot rail or a low voltage (24 V) foot switch. The couches have six or eight sections: the trunk section can be electrically adjusted by the operator with no effort, using the keyboard behind the head of the table, while the patient undergoes a treatment; other sections can be adjusted by one or more gas springs system. The head section is equipped with an elongated breathing hole for a higher comfort. It's a dedicated therapy table for the myofascial release techniques and postural analysis. Wide range of possible positions in flexion/extension, symmetrical or asymmetrical. Power 230 V - 50/60 Hz. Supplied with mouth-nose hole plug and postural education exercises manual. Made in Italy.

| GIMA code | SINTHESI MI.TO. TABLES | Sections | SWL* | Height adjustment |
|---|---|---|---|---|
| **27578** | Electric - blue | 6 | 180 kg | foot switch |
| **27579** | Electric - any colour** | 6 | 180 kg | foot switch |
| **27581** | Electric - any colour** | 6 | 180 kg | foot rail |
| **27583** | Electric with armrest - any colour** | 8 | 180 kg | foot switch |

*SWL: Safe Working Load **Available in 30 days



**Upholstery colour code**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| A | N | 8 | 4 | B | Z | G | F | 9 |
| H | S | T | 6 | E | R | 1 | 2 | Q |
| 3 | L | 7 | K | M | P | | | |

TABLES AVAILABLE IN 24 COLOURS

| GIMA code | ACCESSORIES FOR ALL TABLES |
|---|---|
| **27591** | Wheels set Ø 6.5 cm*** - retractable |
| **27594** | Mouth-nose hole plug - any colour** for Bruxelles tables |
| **27590** | Couch roll holder for rolls 50 to 63 cm for Bruxelles and Ther tables |
| **27592** | Couch roll holder for rolls 50 to 68 cm for Sinthesi tables |

27591

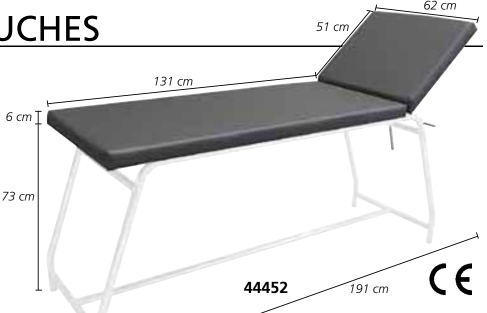
**Available in 30 days ***Optional wheels set to be ordered with table

# VALUE EXAMINATION COUCHES

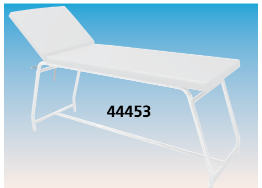
- **44452 VALUE EXAMINATION COUCH - white painted - black**
- **44453 VALUE EXAMINATION COUCH - white painted - white**
- **44457 VALUE EXAMINATION COUCH - chrome - blue**
- **44458 VALUE EXAMINATION COUCH - chrome - beige**

Suitable for medical practices or small surgeries.
Top is made with wooden panel, foam rubber and covered with washable, fireproof simulated leather Class 1.
Two sections: one fixed 131x62xh 6 cm and one adjustable (backrest) 51x62xh 6 cm.
Couch size: 182x62xh 79 cm. Weight 27 kg.
Maximum load: 120 kg.
Delivered in kit form: 173x74xh 16 cm. Easy to assemble.
Multilanguage manual (GB, FR, IT, ES, PT, DE). Made in Italy.

- **27418 COUCH ROLL HOLDER - optional**



44452


44453

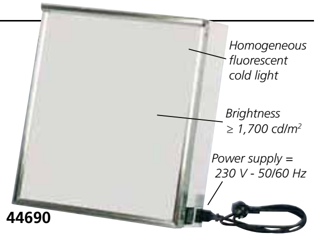
44457

44458

# VALUE FOR MONEY LIGHT BOXES

GIMA X-ray illuminators have been designed according to clinical recommendations for an extra white light to give an accurate and precise reading of any detail.
Made of enamelled sheet steel.
Unbreakable white monochromatic diffuser, stainless steel gripping system.
On/off switch for separate use of each panel for 44692.
Made in Italy.

| GIMA code | X-RAY ILLUMINATORS - LIGHT BOXES | External dimensions (cm) Length | Height | Depth | Weight | Types | |
|---|---|---|---|---|---|---|---|
| **44690** | 40x43 cm | 43 | 46 | 14 | 6 | ■ | 1 panel |
| **44692** | 80x43 cm | 83 | 46 | 14 | 10 | ■■ | 2 panels |
| **44695** | Round fluorescent light 32 W - spare | | | | | | |


Homogeneous fluorescent cold light
Brightness ≥ 1,700 cd/m²
Power supply = 230 V - 50/60 Hz

44690

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# PREGNANCY TESTS: MIDSTREAM, STRIP AND CASSETTE

CE 0197

SELF TESTS

29098

CE 0197

Extra early detection 3 days before you miss your period

CUSTOMIZED PREGNANCY SELF TESTS
minimum 5,000 pcs.

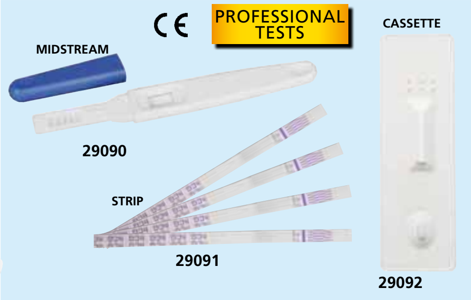
29103

29097

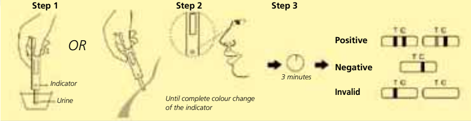
Large wipe allows a better absorption of the urine sample reducing the risk of false results

CE

PROFESSIONAL TESTS



***Read results in 3 minutes (29090, 29097, 29098, 29103)***



GIMA offers a complete line of pregnancy tests, both for OTC market (self test) and for professional use.
All products are packed in cardboard boxes with multilingual user manual (GB, IT, ES, FR, GR, PT).
Main features:
- each test is individually packed in sealed aluminium pouch
- very quick, in 3 minutes
- early detection: it can be used since the first day you miss your period (three days before for 29103)
- reliability: 99.9%
- sensitivity: 20 mIU/ml (29090, 29091, 29092, 29097, 29098)
10 mIU/ml (29103)
- clinically tested
- shelf life 36 months

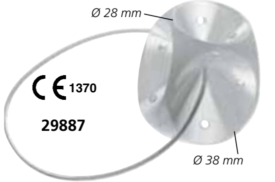
**PREGNANCY TESTS**

| GIMA code | SELF TESTS | Type | Package |
|---|---|---|---|
| **29097** | SELF TEST 20 mIU/ml | midstream | box of 1 pc |
| **29098** | SELF TEST 20 mIU/ml | midstream | box of 2 pcs |
| **29103** | ULTRA SELF TEST 10 mIU/ml | midstream (large wipe) | box of 1 pc |
| | **PROFESSIONAL TESTS** | | |
| **29090** | PROFESSIONAL TEST | midstream | box of 25 pcs |
| **29091** | PROFESSIONAL TEST | strip 4 mm | box of 50 pcs |
| **29092** | PROFESSIONAL TEST | cassette | box of 40 pcs |

# GYN&CUBE PESSARY

- **29887 GYN&CUBE PESSARY Ø 28/38 mm, h 38 mm - standard**
- **29888 GYN&CUBE PESSARY Ø 32/44 mm, h 44 mm - large**

Silicone, autoclavable, latex free pessary with pyramidal shape and draining holes. Kevlar reinforced lanyard.
Multilanguage instructions: GB, FR, IT, ES, DE, NL.

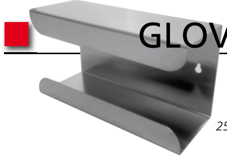


CE 1370

29887

*Indications:*
- *stress urinary incontinence during sustained exertion (aerobics, tennis, jogging)*
- *moderate or exteriorized prolapse*
- *moderate cystocele and rectocele*
- *after childbirth, transient prolapse or incontinence.*

# GLOVES DISPENSERS


25431

*Weight: 322 g*
*25,7x10xh 13,4 cm*

- **25431 GLOVES DISPENSER - single**
- **25432 GLOVES DISPENSER - triple**

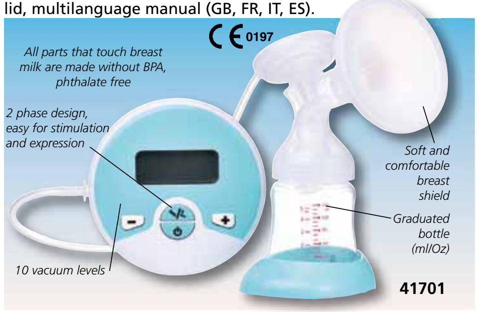
Hold 1 or 3 standard boxes of 100 gloves.
Made of AISI 304 stainless steel.
Can be easily hung to the wall (screw included) and into ambulances.

25432
*Suitable for S - M - L box of gloves*

# BREAST PUMPS

- **41700 MANUAL BREAST PUMP**
- **41701 SINGLE ELECTRIC BREAST PUMP**

Compact and lightweight breast pumps for efficient and discreet pumping. Easy to assemble, use and clean.
Supplied with breast shield, nipple with cover, milk bottle with lid, multilanguage manual (GB, FR, IT, ES).


CE 0197
All parts that touch breast milk are made without BPA, phthalate free
2 phase design, easy for stimulation and expression
10 vacuum levels
Soft and comfortable breast shield
Graduated bottle (ml/Oz)

41701

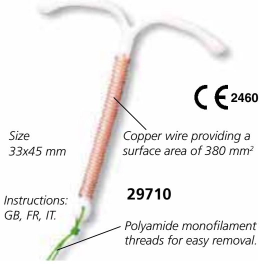
- **41705 BREAST SHIELD + NIPPLE - spare**
- **41706 BREAST MILK BOTTLE 150 ml with lid - set of 3 - spare**
- **41708 AC ADAPTER for 41701 - optional**

**TECHNICAL SPECIFICATIONS**

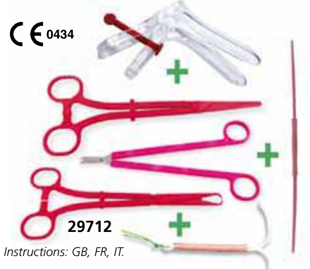
| | 41700 | 41701 |
|---|---|---|
| Vacuum mmHg: | - 250 | stimulate: - 60-130<br>expression: - 60-250 |
| Weight: | 159 g | 265 g |
| Size mm: | 205x186x90 | 129x129x55 |
| Operation: | manual | 4AA batteries not included or AC adapter (optional) |

41700

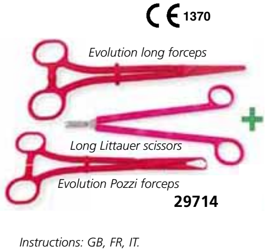
## IUD - INTRAUTERINE CONTRACEPTIVE DEVICE


CE 2460
Size
33x45 mm
Copper wire providing a surface area of 380 mm²
Instructions:
GB, FR, IT.
29710
Polyamide monofilament threads for easy removal.

**• 29710 INTRAUTERINE DEVICE TCU380 PLUS - sterile**
Sterile disposable medical device Class III for intrauterine contraception in women of child bearing age. Can be left inserted for a maximum of 5 years. Packed in a pouch with an insertion tube equipped with a movable flange to aid in gauging the right depth of insertion and a rod. Complies with ISO-7349.



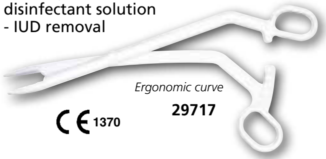
**• 29712 GYNEAS IUD KIT - sterile**
A complete disposable kit for IUD insertion including: 1 intrauterine device (IUD), 1 speculum medium size, 1 hysterometer, 1 pair of Pozzi tenaculum forceps, 1 Evolution forceps, 1 pair of thread-cutting scissors, 1 practitioner and 1 patient brochure.



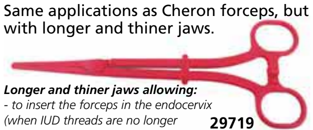
**• 29714 IUD INSERTION AND REMOVAL KIT - sterile**
Disposable kit for IUD insertion and removal including: 1 Evolution Pozzi forceps, 1 long Littauer scissors, 1 Evolution long forceps.

## GYNAECOLOGY FORCEPS AND SCISSORS

**• 29717 CHERON FORCEPS 25 cm - box of 25**
Suitable for:
- cervix cleaning/disinfection before any intervention (ex. IUD insertion) used with a gauze or a piece of cotton and disinfectant solution
- IUD removal

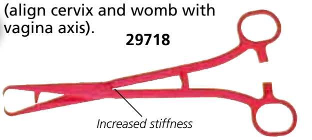


**• 29719 EVOLUTION LONG FORCEPS 25 cm - box of 25**
Same applications as Cheron forceps, but with longer and thinner jaws.



*Longer and thinner jaws allowing:*
*- to insert the forceps in the endocervix (when IUD threads are no longer visible outside the cervix)*
*- to improve the grip on the IUD threads to remove it*

**• 29718 POZZI FORCEPS 25 cm - box of 25**
Ergonomic, strong and thin single-use forceps suitable for grasping of the cervix, cervical cerclage, biopsies, conisations, IUD insertion (align cervix and womb with vagina axis).

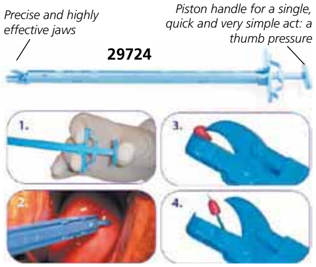


**• 29720 LONG LITTAUER SCISSORS 22 cm - box of 25**
Suitable for cutting the IUD threads after the insertion.

Plastic handle
Stainless steel blades with a notch allowing to trap the IUD threads to ease the cut
29720

## BIOPSY FORCEPS

**• 29724 GYN&PUSH CERVICAL BIOPSY FORCEPS 21.5 cm - box of 25**
Effective cervical biopsy forceps for a successfully biopsy, quickly achieved with a high quality sample.
Complete comfort and safety for both doctor and patient.
Disposable sterile medical device, Class II a.
Latex free and phtalates free.
Shelf life: 5 years.


Precise and highly effective jaws
Piston handle for a single, quick and very simple act: a thumb pressure
29724
1.
2.
3.
4.

**Sterile disposable medical device, Class I. Latex free. Sterilized by ETO. Shelf lifes 5 years.**

## FLEXIBLE HYSTEROMETERS

**SINGLE USE, STERILE, FLEXIBLE HYSTEROMETERS**
Hysterometers with soft distal part on a rigid handle for IUD* (29925, 29926). Hysterometer with progressive dilation distal part from CH 10 to CH 14 on 25 mm, suitable for IUS** (29927).

| GIMA code | HYSTEROMETERS SINGLE USE - STERILE - LATEX FREE | Ø | Minimum order |
|---|---|---|---|
| 29925 | Hysterometer CH 10 - 30 cm | 3.3 mm | box of 25 |
| 29926 | Hysterometer CH 12 - 30 cm | 4.3 mm | box of 25 |
| 29927 | Hysterometer CH 14 - 30 cm | 4.67 mm | box of 25 |

*IUD: Intra Uterine Device **IUS: Intra Uterine System

## EVOLUTION HYSTEROMETER

**• 29929 EVOLUTION DOUBLE HYSTEROMETER 30 cm - box of 25**
The most versatile, economical and eco-friendly single-use hysterometer. Estimating the uterine depth, checking cervical canal permeability and womb orientation.
Sterile, disposable medical device, class I.
Latex free, PVC free. Shelf life: 5 years.

CE 1370

*Innovative double track system*
*2 flexible and shape memory tips with gradual dilation*
*For all types of IUD insertion and womb shapes*

*Pale pink color allowing better observation of cervical mucus*

## OMRON EVOLV ALL IN ONE ARM BLOOD PRESSURE MONITOR

**• 49900 OMRON EVOLV ALL IN ONE ARM BLOOD PRESSURE MONITOR**
The new, easy to use, all in one upper arm blood pressure monitor. Take accurate readings in any position around the upper arm and track progress via smartphone.
- All in one upper arm blood pressure monitor: no tubes, no wires, simply accurate
- Intellisense Technology: inflates the cuff to the ideal level
- Intelli Wrap cuff: for an easy and accurate reading
- Clinically Validated: proven reliability and accuracy under vigorous testing procedures by major health organisations.
- Cuff Wrap guide: indicates if the cuff is wrapped correctly, not too loose or too tight
- OMRON connect App: get connected, access anytime, see progress. Mobile application for iPhone / Android™.
Supplied with battery set, storage case, manuals.
Made in Japan.

3 YEARS WARRANTY

| TECHNICAL SPECIFICATIONS | |
|---|---|
| Cuff Type: | Intelli Wrap Cuff 22–42 cm |
| Memory: | 100 Readings |
| Cuff Wrap Guide: | Yes |
| Irregular Heartbeat Detection: | Yes |
| Body Movement Detection: | Yes |
| Validation: | Clinical Validation, Pregnancy Validation |
| Intellisense Technology: | Yes |
| Stroke Prevention: | Yes |
| Size: | 12x17.3x12.5 cm |

*With standard cuffs, 1-in-3 people measure their blood pressure incorrectly. EVOLV's Intelli Wrap Cuff Technology ensures 360° accuracy in any position around your upper arm.*

*EVOLV can sync your readings to your smartphone to track results, monitor progress, and get a deeper understanding of your health. See smartphone compatibility list on omronconnect.com/emea/en_gb/*

## OMRON DIGITAL BLOOD PRESSURE MONITOR

**• 32946 OMRON RS4 HEM-6181-E - wrist**
Multilanguage manual and box: GB, FR, IT, ES, DE, NL, RU, TR, Arabic.

| TECHNICAL SPECIFICATIONS | | |
|---|---|---|
| Measuring method: | | oscillometric |
| Measuring range: | Pressure: | 0 mmHg to 299 mmHg ± 3 mmHg |
| | Pulse: | 40 to 180 min ± 5% of display reading |
| Memory (with date and time): | | 60 |
| Inflation - deflation: | | automatic |
| Rating: | | DC3 V 3.0W |
| Power source: | | 2 "AAA"batteries 1.5 V |
| Battery life (N° of measurements): | | 300 |
| Protection against electric shock: | | internally powered ME equipment |
| Weight (console+cuff) without batteries: | | 86 g |
| Size: | | 93x62 xh 20 mm |
| Cuff materials: | | nylon and polyester |
| Measurable circumference (cm): | | 13.5-21.5 (wrist) |

## KOBE PALM SPHYGMO

**• 32690 KOBE PALM SPHYGMOMANOMETER**
Economic, lightweight, palm type sphygmomanometer with reliable large dial manometer for easy reading.
Scale 0-300 mmHg, graduated every 2 mmHg.
Adult nylon cuff, PVC bladder, PVC inflation bulb with handle, release valve nickeled in black.
Supplied in PVC carrying case with 8 languages user manual and box (GB, FR, IT, ES, PT, DE, GR, Arabic).

**• 32845 ADULT CUFF - spare**

**• 32846 PEDIATRIC CUFF - optional**

## MESH NEBULIZER

**• 28066 MESH NEBULIZER**
Small, handy, lightweight nebulizer for the treatment of respiratory diseases such as acute inflammation, tracheitis, bronchitis, swelling and pain in throat.
Can operate with 2xAA standard batteries or USB cable.
- maximizes the benefits of medicine
- portable, handheld design (110 mm height)
- ultra-low noise, ultra-light only 104g
- one-button operation for easy use
- for adult and child: noiseless use and compact design allow to make inhalation even while children are sleeping
Supplied with adult and child mask, mouthpiece, 2xAA batteries, USB cable, carrying bag, manual (GB, IT, FR, ES, PT, DE).

**• 28067 RESPIRATORY ACCESSORY KIT (adult and child mask, mouthpiece) - spare**

**• 28068 NEBULIZER HEAD - spare**

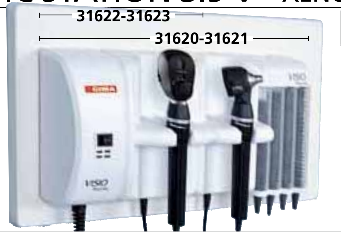
*Multilanguage box: GB, IT, FR, ES, PT, DE*

| TECHNICAL SPECIFICATIONS | |
|---|---|
| Power supply: | 2xAA batteries or USB cable DC 5V |
| Ultrasonic frequency: | approximately 110kHz |
| Nebulizer rate: | ≥0.25ml / min |
| Max. / min. liquid volume: | 10ml / 0.5ml |
| MMAD | approximately 4μm |
| Nebulizing head life: | 180 hours |
| Battery life: | 60 minutes |
| Shutdown: | automatic without liquid |
| Safety level: | Type B, Class II, IP 22 |

## VISIO 5 PLUS WALL DIAGNOSTIC STATION 3.5 V - XENON OR LED

**VISIO 5 PLUS WALL DIAGNOSTIC STATION 3.5 V**
Modern design diagnostic station to satisfy all practitioners and clinics needs. Two configurations available:
- oto-ophthalmoscope with disposable ear tip dispenser
- ophthalmoscope only.

Two illumination technologies: LED or Xenon-Halogen. Regulated output prolongs the bulb life and guarantees optimal light intensity.
- ergonomic designed non-slip handles
- constant output transformer with integrated surge protection
- soft start technology to introduce voltage gently, eliminates cold-shock when turning ON increasing bulb life
- automatic ON-OFF switch once the handle is removed or replaced in the cradle
- adjustable light intensity, low power consumption
- precise brightness control, between 3 and 100%
- spiral cord of 3 meters when stretched



| APERTURES/ FILTER DIAL | |
|---|---|
| Small light | • |
| Medium light | ● |
| Large light | ● |
| Blue light* | ● |
| Grid | ⊗ |
| Slit | \| |
| Half light | ◗ |
| Red free light | ● |

*5XE (31623 only)

| TECHNICAL SPECIFICATIONS OPHTHALMOSCOPES | 31620-1 | 31623 |
|---|---|---|
| Apertures | 7 | 8 |
| Focusing lenses | 28 | 68 |
| Diopters range | -20 to +40 | -30 to +38 |
| **Visio 5XE Plus additional features (31623)** | | |
| Coaxial optics for easier examination of undilated pupils | | |
| Detection of corneal abrasion with cobalt blue filter | | |
| Polarizing filter to virtually eliminate corneal reflection | | |

31623

| GIMA code | VISIO 5 PLUS DIAGNOSTIC STATION |
|---|---|
| 31620 | Visio 5GE Plus oto-ophthalmo diagnostic station* - Xenon |
| 31621 | Visio 5GE Plus oto-ophthalmo diagnostic station* - LED |
| *Include power transformer, 2 handles, oto/ophthalmo heads, dispenser with 100 disposable grey speculum (50 Ø 2.5 mm, 50 Ø 4 mm), wall board for easy mounting or removal of diagnostic station. | |
| 31622 | Visio 5GE Plus ophthalmoscope diagnostic station - LED |
| 31623 | Visio 5XE Plus ophthalmoscope diagnostic station - LED |
| 31428 | Xenon bulb for ophthalmoscope - spare |
| 31544 | Xenon bulb for otoscope - spare |
| 31485 | Disposable mini ear speculum Ø 2.5 mm - grey - box of 100 |
| 31486 | Disposable mini ear speculum Ø 4 mm - grey - box of 100 |

## SIGMA-C LED OTOSCOPES

- **31591 SIGMA-C LED OTOSCOPE - black - pouch**
- **31592 SIGMA-C LED OTOSCOPE - blue - pouch**
- **31593 SIGMA-C LED OTOSCOPE - violet - pouch**

- made from light weight impact resistant re-enforced plastic and highly corrosion resistant stainless steel material for exterior finish
- swivel type window with 3X magnification lens for sharp image and minimal reflection
- optional insufflation port for pneumatic testing of tympanic mobility (needs codes 31532 and 31500)
- compatible with Gima ear specula 31485-8, 31491-2, 31495-9
- 50.000 hours lifetime
- super bright 7,500 LUX
- extended battery life of 50 hours
- colour temperature 4,300 K, CRI>95 ensures real colour.

31591 31592 31593

## SIGMA F.O. XENON OR LED OTO AND OPHTHALMO SETS

High quality pocket diagnostic instruments designed for professional use in ENT and ophthalmoscopy. Light weight and manufactured from impact resistant re-enforced plastic. See catalogue page 212

NEW LAUNCH

| SIGMA F.O. OTOSCOPES AND OPHTHALMOSCOPES 2.5V - standard handle | | | | | |
|---|---|---|---|---|---|
| OTOSCOPES* | | | OPHTHALMOSCOPES | | |
| Black | Blue | Purple | Black | Type | Packing |
| 31524 | 31523 | 31511 | 31530 | Xenon-Halogen | Pouch |
| 31525 | - | - | 31527 | Xenon-Halogen | Case |
| 31513 | - | - | - | LED | Pouch |
| 31526 | 31518 | - | 31529 | LED | Case |
| **SIGMA F.O. LED OTOSCOPE AND OPHTHALMO 2.5V - rechargeable** handle with battery** | | | | | |
| 31580 | Otoscope with rechargeable handle and battery - black | | | LED | Pouch |
| 31582 | Ophthalmoscope with rechargeable handle and battery - black | | | LED | Pouch |

*Otoscopes are supplied with 14 disposable specula (7 with Ø 2.5 mm, 7 with Ø 4 mm)
**Rechargeable handle can be used with "AA" standard batteries or rechargeable battery code 31587 (needs charging station code 31586)
Full battery charge in 2.5 hours. Can be connected to PC or laptop via standard USB cable (not included)

| GIMA code | SIGMA F.O. OTO-OPHTHALMOSCOPE SETS*** 2.5V - black | Type | Packing |
|---|---|---|---|
| 31533 | Oto-ophthalmoscope set with 1 handle | Xenon-Halogen | Case |
| 31528 | Oto-ophthalmoscope set with 2 handles | Xenon-Halogen | Case |
| 31534 | Oto-ophthalmoscope set with 2 handles | LED | Case |
| 31584 | Oto-ophthalmoscope set with 2 recharg. handles and batteries | LED | Case |

***Oto-ophthalmo sets are supplied with oto and ophthalmo head, 1 handle (31533) or 2 handles (31528, 31534, 31584), 14 disposable specula (7 with Ø 2.5 mm, 7 with Ø 4 mm), 2 rechargeable batteries (31584)

31527, 31530

31513, 31524, 31525, 31526

FIBRE OPTIC OR F.O. LED

31511

31528, 31534, 31584

31586

| GIMA code | CHARGING SYSTEM |
|---|---|
| 31586 | Charging station |
| 31587 | Rechargeable battery |
| 31588 | Metal endcap |

## 3M™ LITTMANN® CLASSIC III STETHOSCOPES

The 3M™ Littmann® Classic III™ Stethoscope offers high acoustic sensitivity for exceptional performance when doing general physical assessments.
It features dual tunable diaphragms and updated design.
- versatile adult and pediatric two-sides chestpiece
- dual single-piece tunable diaphragms (pressure sensitive)
- small-side diaphragm prevents debris in open bell
- high acoustic sensitivity
- snap tight soft-sealing eartips
- next generation longer-life tubing
- small side converts to open bell

3M Littmann® Stethoscopes

Authorized Distributor

NEW LAUNCH

| GIMA code | 3M code | 3M™ LITTMANN® CLASSIC III MIRROR/CHAMPAGNE |
|---|---|---|
| 32239 | 5960 | ■ Littmann® Classic III - plum - mirror |
| 32240 | 5962 | ■ Littmann® Classic III - pearl pink - mirror |
| 32243 | 5861 | ■ Littmann® Classic III - black - champagne |
| 32244 | 5862 | ■ Littmann® Classic III - raspberry - mirror |
| 32245 | 5863 | ■ Littmann® Classic III - navy blue - mirror |
| 32246 | 5864 | ■ Littmann® Classic III - burgundy - champagne |
| 32247 | 5865 | ■ Littmann® Classic III - lavender - mirror |
| 32248 | 5874 | ■ Littmann® Classic III - caribbean blue - mirror |
| 32249 | 5959 | ■ Littmann® Classic III - ceil blue - mirror |

| GIMA code | 3M code | 3M™ LITTMANN® STETHOSCOPES - length 69 cm |
|---|---|---|
| **CLASSIC III - head Ø 43/33 mm** | | |
| 32290 | 5620 | ■ Littmann® Classic III - black |
| 32291 | 5622 | ■ Littmann® Classic III - navy blue |
| 32293 | 5627 | ■ Littmann® Classic III - burgundy |
| 32295 | 5832 | ■ Littmann® Classic III - lavender |
| 32296 | 5835 | ■ Littmann® Classic III - turquoise |
| 32297 | 5839 | ■ Littmann® Classic III - lemon - lime |
| 32299 | 5621 | ■ Littmann® Classic III - grey |
| 32300 | 5623 | ■ Littmann® Classic III - caribbean blue |
| 32303 | 5630 | ■ Littmann® Classic III - ceil blue |
| 32304 | 5633 | ■ Littmann® Classic III - pearl pink |
| 32306 | 5831 | ■ Littmann® Classic III - plum |
| **CLASSIC III SPECIAL EDITION - head Ø 43/33 mm** | | |
| 32307 | 5872 | ■ Littmann® Classic III - turquoise - smoke chestpiece |
| 32308 | 5870 | ■ Littmann® Classic III - black - rainbow finish |
| 32309 | 5871 | ■ Littmann® Classic III - raspberry - smoke finish |
| 32310 | 5803 | ■ Littmann® Classic III - black edition |
| 32311 | 5809 | ■ Littmann® Classic III - chocolate - copper fin. |
| 32312 | 5806 | ■ Littmann® Classic III - raspberry - rainbow fin. |
| 32313 | 5807 | ■ Littmann® Classic III - caribbean blue - rainbow fin. |
| 32314 | 5811 | ■ Littmann® Classic III - black - smoke finish |
| 32315 | 5812 | ■ Littmann® Classic III - dark olive green - smoke fin. |
| 32316 | 5867 | ■ Littmann® Classic III - navy blue - black finish |
| 32317 | 5868 | ■ Littmann® Classic III - burgundy - black finish |
| 32318 | 5869 | ■ Littmann® Classic III - caribbean blue - black fin. |
| 32319 | 5873 | ■ Littmann® Classic III - grey - smoke chestpiece |
| 32320 | 5875 | ■ Littmann® Classic III - lime-green - smoke chestpiece |

32304
CLASSIC III - PEARL PINK

32314
CLASSIC III - BLACK - SMOKE FINISH

32245
CLASSIC III - NAVY BLUE - MIRROR

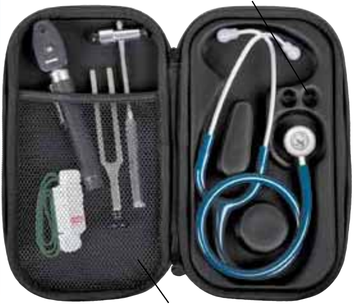
32212
CLASSIC III - RASPBERRY - RAINBOW FINISH

## CLASSIC CASE FOR STETHOSCOPES

- **32667 CLASSIC CASE FOR STETHOSCOPES - black**
- **32668 CLASSIC CASE FOR STETHOSCOPES - burgundy**
- **32669 CLASSIC CASE FOR STETHOSCOPES - turquoise**

High quality protective hard case for classic style, single tube stethoscopes, available in 3 colours.
Its design holds the stethoscope secured in place by a preformed interior, keeping the sensitive diaphragm and tubing protected. Lightweight EVA construction and strong protective outer shell covered in 1680D nylon.
Pre-formed moulded interior can also be removed for flexible usage. Sealed dustproof and waterproof zipper with rubber easy-grip zipper pulls for easy opening and closing.
Interior mesh pocket for additional accessory storage.
Carry handle for easy transportation.
Outside size 28x16x5 cm; inside size 26.5x14.5x4 cm.
Weight: 220 g

Removable EVA tray with multispandex fabric.


Preformed eartips holders
Mesh pocket with elastic, 14x19 cm.

# 3M™ LITTMANN® CARDIOLOGY IV STETHOSCOPES

3M Littmann® Stethoscopes

Authorized Distributor

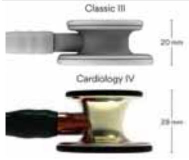
NEW LAUNCH

The 3M™ Littmann® Cardiology IV helps you to catch more of the subtle critical sounds, thanks to the improved acoustics and the new design, more versatile than ever.
- better audibility of high-frequency sounds
- tunable diaphragms for hearing both high and low frequency sounds without turning over the chestpiece (pressure sensitive)
- adult and paediatric sides for more versatility
- single-piece diaphragm, easier to attach and clean, because the surface is smooth without crevices
- next generation longer-life tubing
- snap tight soft-sealing eartips.

| GIMA code | 3M code | | 3M™ LITTMANN® STETHOSCOPES - length 69 cm |
|---|---|---|---|
| | | | **CARDIOLOGY IV - head Ø 43/33 mm** |
| 32606 | 6152 | ⬛ | Littmann® Cardiology IV - black |
| 32608 | 6154 | 🟦 | Littmann® Cardiology IV - navy blue |
| 32609 | 6155 | 🟩 | Littmann® Cardiology IV - hunter green |
| 32610 | 6156 | 🟪 | Littmann® Cardiology IV - plum |
| 32612 | 6158 | 🟥 | Littmann® Cardiology IV - raspberry |

| GIMA code | 3M code | | | Tubing | Finish |
|---|---|---|---|---|---|
| | | | **CARDIOLOGY IV SPECIAL HIGH POLISH FINISH - head Ø 43/33 mm** | | |
| 32614 | 6232 | ⬛ | Littmann® Cardiology IV | black | smoke |
| 32615 | 6234 | 🟦 | Littmann® Cardiology IV | carribbean blue | smoke |
| 32616 | 6238 | ⬜ | Littmann® Cardiology IV | grey | smoke |
| 32617 | 6240 | ⬛ | Littmann® Cardiology IV | black | rainbow |
| 32618 | 6241 | 🟥 | Littmann® Cardiology IV | raspberry | rainbow |
| 32619 | 6242 | 🟦 | Littmann® Cardiology IV | navy blue | rainbow |
| 32642 | 6204 | ⬛ | Littmann® Cardiology IV | black | smoke |
| 32651 | 6202 | 🟦 | Littmann® Cardiology IV | navy blue | smoke |
| | | | **CARDIOLOGY IV SPECIAL FINISH - head Ø 43/33 mm** | | |
| 32643 | 6190 | 🟦 | Littmann® Cardiology IV | carribbean blue | champagne |
| 32644 | 6176 | 🟥 | Littmann® Cardiology IV | burgundy | champagne |
| 32645 | 6206 | 🟩 | Littmann® Cardiology IV | hunter green | champagne |
| 32646 | 6169 | 🟦 | Littmann® Cardiology IV | carribbean blue | mirror |
| 32647 | 6170 | 🟥 | Littmann® Cardiology IV | burgundy | mirror |
| 32648 | 6177 | ⬛ | Littmann® Cardiology IV | black | mirror |
| 32649 | 6179 | ⬛ | Littmann® Cardiology IV | black/champagne | smoke |

| GIMA code | 3M code | | 3M™ LITTMANN® STETHOSCOPES - length 69 cm | Tubing | Finish |
|---|---|---|---|---|---|
| | | | **CARDIOLOGY IV SPECIAL FINISH - head Ø 43/33 mm** | | |
| 32630 | 6205 | 🟪 | Littmann® Cardiology IV | plum | rainbow |
| 32631 | 6162 | ⬛ | Littmann® Cardiology IV | black | smoke |
| 32632 | 6163 | ⬛ | Littmann® Cardiology IV | black | black edition |
| 32633 | 6164 | ⬛ | Littmann® Cardiology IV | black | brass |
| 32634 | 6165 | ⬛ | Littmann® Cardiology IV | black | rainbow |
| 32635 | 6166 | 🟪 | Littmann® Cardiology IV | plum | smoke |
| 32636 | 6168 | 🟦 | Littmann® Cardiology IV | navy blue | black |
| 32637 | 6171 | 🟦 | Littmann® Cardiology IV | turquoise | smoke |
| 32638 | 6178 | 🟥 | Littmann® Cardiology IV | raspberry | smoke |
| 32639 | 6200 | ⬛ | Littmann® Cardiology IV | black | black - red stem |
| 32640 | 6201 | ⬛ | Littmann® Cardiology IV | black | black - blue stem |
| 32641 | 6203 | ⬛ | Littmann® Cardiology IV | black | black - violet stem |



32612

CARDIOLOGY IV

32646

CARDIOLOGY IV
MIRROR FINISH

32639

CARDIOLOGY IV
BLACK FINISH

# 3M™ LITTMANN® MASTER CARDIOLOGY STETHOSCOPES

MASTER CARDIOLOGY

MASTER
CARDIOLOGY

MASTER
CARDIOLOGY
BLACK EDITION

| GIMA code | 3M code | | 3M™ LITTMANN® STETHOSCOPES - length 69 cm |
|---|---|---|---|
| | | | **MASTER CARDIOLOGY - head Ø 51 mm** |
| 32435 | 2160 | ⬛ | Littmann® Master Cardiology - black |
| 32436 | 2163 | 🟥 | Littmann® Master Cardiology - burgundy |
| 32437 | 2164 | 🟦 | Littmann® Master Cardiology - navy blue |
| 32439 | 2167 | 🟪 | Littmann® Master Cardiology - plum |
| 32361 | 2178 | 🟦 | Littmann® Master Cardiology - caribbean blue |
| 32362 | | | Littmann® Master Cardiology - colour on request |
| | | | **MASTER CARDIOLOGY SPECIAL EDITION - head Ø 51 mm** |
| 32356 | 2175 | 🟩 | Littmann® Master Card. - black - brass finish |
| 32357 | 2182 | 🟩 | Littmann® Master Card. - dark olive green smoke finish |
| 32360 | 2176 | ⬛ | Littmann® Master Card. - black - smoke edition |
| 32473 | 2161 | ⬛ | Littmann® Master Card. - black edition |

# NUVOAIR NEXT SPIROMETER WITH BLUETOOTH

**• 33478 NUVOAIR NEXT SPIROMETER WITH BLUETOOTH**

Professional, clinically validated, affordable, connected spirometer. It measures FEV1, FVC, PEF, FEV1/FVC, predicted values, expiratory curve, inspiratory curve, to detect and monitor lung function diseases. An intuitive App with clear visual instructions allows to perform lung function test, to see how your lung health develops over time and to stay connected with your doctor, sharing results with a touch of a button. Compatible with most Apple and Android smartphones and tablets. Requires iOS 8.0 (or later) or Android 5.0 Lollipop (or later). Easy to use and ultraportable. Maintenance free with the hygienic and calibration free turbines. Designed in Sweden, assembled in China. Medical device Class IIa. Supplied with 1 disposable turbine with mouthpiece, 2xAAA batteries. Multilanguage manual: GB, FR, IT, ES, PT, DE, GR, SE, can be downloaded from NUVOAIR APP.

CE 0598

**• 33480 DISPOSABLE TURBINE WITH INTEGRATED MOUTHPIECE - box of 60**

33480

33478

Smartphone not included

| TECHNICAL SPECIFICATIONS | |
|---|---|
| Flow sensor: | Bi-directional digital optical |
| Flow range: | 0-14 L/s |
| Dynamic resistance: | <0.5 cm $H_2O$/L/s |
| Measurement method: | infrared interrumption |
| Measured parameters: | FEV1, FVC, PEF, FEV1/FVC |
| Power supply: | 2x1,5V AAA alkaline batteries |
| Size - weight: | 98x62x26 mm - 75 g |
| Life expectancy: | 10 years |

# PROFESSIONAL ALCOHOL TESTER

**• 24486 AP338 EASY RECALIBRATION ALCOHOL TESTER with printer**
**• 24487 PRE-CALIBRATED SENSOR MODULE for 24486 - spare**
**• 24494 BLOWING TUBES for 24486, 24491 - box of 100 pcs.**
**• 24495 PAPER ROLLS for 24486, 24491 - box of 10**

Professional **fuel cell sensor** breath alcohol tester with printer and touch screen. The fuel cell is a porous disk with a thin layer of platinum. Any alcohol that comes in contact with the cell's surface is broken down chemically. For each broken down molecule of alcohol a given number of electrons are freed. The numbers of electrons generated are in proportion to the amount of alcohol.

**Self recalibration**: easy replacement of pre-calibrated module.

Camera will capture a photo when driver blow and make the test

Size: 208x78x37 mm
Weight: 360 g

24486

SELF CALIBRATION with pre-calibrated module

| TECHNICAL SPECIFICATIONS | |
|---|---|
| Display: | Colour 4.5" iPS LCD display |
| Keyboard: | Navigation key input with touch panel |
| Power Supply: | Rechargeable 3.7 V Li-ion battery |
| Warm up: | Chamber & Sensor warm up automatically |
| Auto flow monitoring: | Automatic flow detection |
| Operating environment: | -20 to +45°C (optimal 5 to 40°C) |
| Data download: | USB port |
| Compatibility: | Windows XP, 7*, 8*, 10* |
| Memories: | 150,000 memories full test |
| | driver name, vehicle number, inspector name, test result with print date and time, location, calibration data, ... |
| Measurement precision: | Standard deviation ±0,025 mg/L or ±5% of the measurement |
| | Drift: typically <0,8% of the measurement value/month |
| Calibration: | by replacement of pre-calibrated sensor module |
| Unit setting: | mg/L, mg/100 L, %BAC, ‰BAC |

*Can export files as Microsoft Excel documents directly

*Alcohol tester is supplied with integrated printer, 25 mouth pieces, 1 large mouth piece, power supply 100-240V, 50/60 Hz, carrying pouch, 4 rolls of paper, charger, USB cable, manual in GB, IT*

# LACTATE SCOUT 4: PROFESSIONAL LACTATE MEASUREMENT

**• 23992 LACTATE SCOUT 4**

Ergonomic device for fast, accurate and reliable lactate measurement.

**Easy to use:**
- only 0.2 µl of capillary blood required
- pre-calibrated sensors
- device calibrated by simple coding
- lactate measurement, date/time, mode, temperature, heart rate and memory ID on a single display

**Fast and accurate:**
- enzymatic amperometric detection method
- results within 10 seconds
- measuring range: 0.5 - 25 mmol/L (±3%)

**Performance measurement:**
- single and step-test measurements (resting/exercise/recreation)
- stopwatch and countdown timer functions
- connection to heart rate monitors for linking to lactate value

**Integrated bluetooth technology and PC software:**
An USB key allows easy transfer to PC and a 4 language (GB, DE, IT, ES) software allows easy data management. Supplied with nylon bag, empty spray bottle, Bluetooth module, USB key with software and manual (GB, FR, IT, DE, ES, NO, SE, CZ, GR, NL, PL, TR).

**• 23991 STRIPS - tube of 24 pcs**
**• 24513 SURGILANCE SAFETY LANCETS 26G - sterile - box of 100**

CE 0123

*Stores over 500 results*

*1000 tests using just 2xCR2450 batteries*

*E-paper display for easier viewing on the move*

*Pocket size: 91x46x21 mm*
*Weight: 60 g*

*Multilanguage box: GB, FR, IT, ES, DE*

23992

*Integrated Bluetooth low energy connectivity*

*Easy handling in 3 steps*

*Remove sensor and place into analyzer*

*Prick finger and collect blood by touching sensor*

*Results appear in 10 seconds*

# MAG 3000 LOW FREQUENCY, HIGH INTENSITY PEMF MAGNETOTHERAPY

CE 1936

*Size: 180x110x50 mm*

**28314**

**• 28314 MAG 3000 PEMF MAGNETOTHERAPY - 2 channels**
MAG 3000 is a certified medical device for pulsed elctromagnetic field magnetotherapy (PEMF). Suggested for the treatment of delayed union, osteoporosis, bone oedema, osteonecrosis, as well as ulcers and neuropathies.
Thanks to the high intensity of the magnetic field, it is also suitable for the treatment of bone fractures even in the presence of rigid bandages or plaster casts.

**28314**

- two indipendent channels
- colour display
- magnetic field intensity up to 150 gauss per channel
- frequency from 1 to 100 hz
- 41 programmes available
- possibility to manage two treatments at the same time by setting different times and programmes (double user)
- list of the last 10 programmes used

For professional users (doctors, therapist, ....) and for in-home therapy.

Operating power 110-240 V.

**• 28315 ELASTIC THERAPEUTIC BELT - light blue - spare**
Belt with cable with 3 solenoids for low frequency treatments.

**• 28316 COUPLE OF PROFESSIONAL SOLENOIDS**
Professional solenoids Ø 11 cm for high intensity therapy.

**STANDARD ACCESSORIES**

3 solenoids belt applicator
User manual (GB, FR, IT, ES)*
Carrying bag
Medical power supply
Magnet to verify therapy operation
Three non-woven fabric strips 15x150 cm

*on request DE

**41 PROGRAMMES**

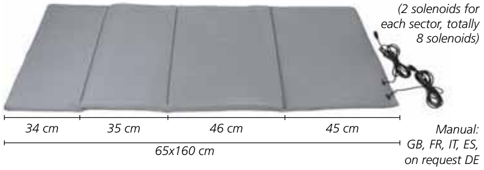
Osteoporosis
Arthrosis
Arthritis
Cervical arthrosis
Articular pain
Cervicalgias
Chronic pain
Fractures
Epicondylitis
Epitrocleitis
Pseudoarthrosis
Lumbalgy
Lumbar pain
Shoulder arthrosis
Knee arthrosis
Scapulo humeral periarthritis
Coxarthrosis
Muscular atrophy
Muscular treatment
Osteonecrosis
Algodystrophy
Cartilage lesion
Ligament lesion
Bone cedema
Tendinitis
Chondropathy
Antinflammatory
Whiplash syndrome
Healing
Cutaneous ulcers
Discopathy
Myalgia
Neuropathy
Muscle strain
Muscular cramp
Rizarthrosis
Impingement syndrome
Carpal Tunnel
Titanium prosthesis
Rotator cuff
Tarsal Tunnel

# OSTEOMAT NEW: MATTRESS FOR LOW FREQUENCY MAGNETOTHERAPY TREATMENTS

**• 28318 OSTEOMAT NEW MATTRESS FOR MAGNETOTHERAPY**
Osteomat New is composed of 4 active sectors, containing 2 solenoids each, for a total of 8 professional solenoids.
The Osteomat New is the ideal solution for total body treatment in a single session, thanks to easy-to-use mode and extreme flexibility.
The configuration of Osteomat New stimulates the body areas (shoulders, column, pelvis) that are more affected by bone mass reduction.
This is typical of osteoporosis pathology. Suitable for MAG 2000, MAG 2000 PLUS, MAG 3000 and LaMagneto models.
Supplied with non-woven fabric cover (pack of 2 pieces).

*Suggested for night therapy during sleep, day therapy in paralyzed patients, active patients that don't tolerate long treatments with therapeutic belt and prefer night therapy.*

**28318**

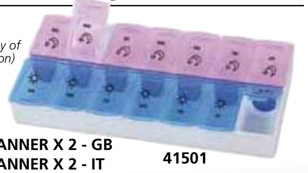


*4 active sectors (2 solenoids for each sector, totally 8 solenoids)*

*Manual: GB, FR, IT, ES, on request DE*

# PILL PLANNERS

*2 pill compartments for each day of the week (morning and afternoon) with colour codes*



**41501**

**• 41500 7 DAY PILL PLANNER X 2 - GB**
**• 41501 7 DAY PILL PLANNER X 2 - IT**
2 translucent colours. Size 18.3x9.3x3.3 cm

*Daily dosage distributed in compartments with a different colour for morning, noon, evening and bed time*

*The shape is purposely designed to help the user reach the pill inside the compartment*

*Pills are clearly visible through transparent lids*

**41505**

**• 41505 7 DAY PILL PLANNER X 4 - GB**
**• 41506 7 DAY PILL PLANNER X 4 - IT**
4 translucent colours. Size 19x13x2,8 cm

# PILL CRUSHING DEVICE

**• 25872 SILENT KNIGHT HOSPITAL PILL CRUSHING DEVICE**
**• 25873 PILL CRUSHER POUCHES - 1,000 pouches (20 packs of 50)**
Professional, silent crusher for hospital to effortlessly and easily reduce pills in fine powder in few-seconds. Pouches avoid any cross contamination and eliminatly loss of medication.

*Ergonomic handle for effortless use*

*Place for 50 pouches*

**25872**

CE 0197

*Light and sturdy aluminium base and handle*

*Perfect stability*

***Step 1:*** *place pills into pill crusher pouch. Lift handle and place pouch down between the crusher plates to initiate crushing.*
***Step 2:*** *press handle down to crush pills.*
***Step 3:*** *press the handle down to activate grinding movement. Press handle down several times to grind pills into fine powder.*
***Step 4:*** *remove the pouch.*

# TRACKING SYSTEM DOCUMENTATION: 2 LINE LABELER

**TRACEABILITY/DOCUMENTATION**
The traceability system of the instruments provides you a proper and easy handling of sterilized materials. This system tracks each instrument, from the preparation to the sterilization and to its final use. The combined use of Labeler and Labels will give you a complete and essential data system for the safeguarding of each operator and the Healthcare.
- easy print of identical labels with minimum time and effort
- eliminates mistakes in batch numbers
- easy interpretation of the results due to precise colour change.
- no need for additional process indicators using our labels with indicator

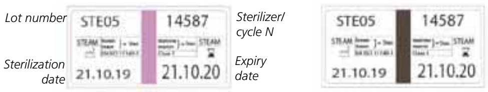
**• 35980 2 LINE MEDICAL LABELER 14+14 DIGITS**
The two line labeler is reliable, easy to use and durable, it will serve for years of intensive usage. Thanks to Medical Labeler, you are able to print on the labels all requested information as: lot No, sterilizer/cycle No, sterilization date and expiry date. Supplied with multilanguage manual (GB, FR, IT, ES, Arabic) and 1 ink roll.

**• 35984 2 LINE STEAM LABEL - box of 12,000 (24 rolls of 500 labels)**
First print line can display: 3 alphabetic digits + 11 numbers
Second print line can display: 14 numbers
Steam indicator label, suitable for steam sterilization cycle. Double adhesive support. After the sterilization cycle the indicator faces a changing from its original colour PINK to BROWN. Process indicator: Steam Standard ISO 11140-1
Class 1, non toxic ink, latex free.

**• 35982 INK ROLL FOR LABELER - box of 5**

**35980**

**35984**



*We have shown a preferred use of first print line, but user can print alternative information*

# TIMPANI HANDHELD TYMPANOMETER/SCREENING AUDIOMETER

**53560**

*Timpani can be supplied with its docking station, ideal to house the battery faster and to transfer data to the PC at the same time.*

**53560 + 53566**

**53560**

*Timpani is supplied with Inventis Maestro software, USB connection cable, medical grade power supply, assorted eartips, GB, IT manuals in a carrying case.*

**• 53560 TIMPANI HANDHELD TYMPANOMETER**
The handheld tympanometer Timpani is a lightweight, compact and powerful device, designed to conduct middle ear screening tests simply, swiftly and accurately.
The basic version of Timpani allows to perform automatic tympanometry exam using 226 Hz probe tone. Optional licenses allow acoustic reflexes test and screening pure tone audiometry. The device features a wide colour display with touch-screen interface.

**• 53563 REFLEX LICENSE - PLUS**
To conduct ipsilateral acoustic reflex test at 0.5, 1, 2 and 4 kHz.

**• 53564 SCREENING PURE TONE AUDIOMETRY (PTA) WITH PRE-CALIBRATED HEADSET**
To conduct pure tone air conduction audiometry.

**• 53565 PATIENT RESPONSE BUTTON FOR PTA**
**• 53566 DOCKING STATION FOR TIMPANI**
**• 53567 BLUETOOTH THERMAL PRINTER**
**THERMAL PAPER ROLL 57 mm - box of 5**
**EARTIPS: see page 258 for spare**

| LANGUAGES | GB | FR | IT | RU | ES | PL | PT | JP | CH | KR | DE | TR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Firmware | X | X | X |  | X | X |  |  |  |  |  |  |
| Maestro software | X | X | X | X | X | X | X | X | X | X | X | X |
| Manual* | X |  | X |  | X |  |  |  |  |  |  |  |

*GB and IT included with product, ES for download from www.gimaitaly.com*

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| **Measurement system** | |
| Probe tone: | 226 Hz at 85 dB SPL |
| Comp. range: | 0.2 to 8.0 ml at 226 Hz, 0.9 to 16.0 mmho at 1000 Hz |
| Pressure range: | from +200 to -400 daPa |
| **Tympanometry** | |
| Type of test: | automatic tympanometry |
| Start: | automatic |
| Scan rate: | 400 daPa/sec |
| **Acoustic reflex (only with 53563)** | |
| Stimulation: | ipsilateral at 226 Hz |
| Available tests: | autothreshold, fixed intensity |
| Stimuli: | 0.5, 1, 2 and 4 kHz (with reflex lic. Plus) |
| Maximum int.: | 100 dB HL (ipsi) |
| Stim. Duration: | 1 sec |
| **Audiometry (only with 53564)** | |
| Intensity: | -10 to 100 dB HL |
| Freq. range: | 125-8000 Hz |
| Input: | pure tone |
| Output: | AC |
| **Device specifications** | |
| Memory: | 50 patients |
| Display type: | color graphical with touch screen |
| Display size: | 2.8” / 43.2x57.6 mm |
| Resolution | 240x320 pixels |
| Power supply: | Lithium-Ion rechargeable battery |
| Battery life: | >4 hours of continuous use |
| Pc interface: | USB (driverless) |
| Software: | Inventis Maestro (compatible with Noah) |
| Dimensions: | 65 x 44 x 240 mm (2.6 x 1.8 x 9.5 inches) |
| Weight: | 340 g / 12 oz |
| Standards: | Imped.: EN 60645-5/ANSI S3.39, Type 2/3<br>PTA: EN 60645-1/ANSI S3.6, Type 4/4<br>Safety: EN 60601-1 - EMC: EN 60601-1-2 |
| Classification: | Class IIA (93/42/EEC) |

## D-HEART 8-12 CHANNEL PORTABLE ECG FOR SMARTPHONE OR TABLET

**• 33247 D-HEART 8-12 CHANNEL ECG**

D-Heart is an 8 or 12 leads smartphone/tablet ECG that enables the acquisition of high quality 12 second ECGs in any place and condition.
- designed for patients, no medical background needed and health professionals
- as clinically reliable as a hospital electrocardiograph
- certified system to get a perfect ECG
- easy to share with your cardiologist
- telecardiology service available 24 hours / 7 days with subscription

Supplied with lanyard, 60 disposable electrodes, electrode cables, soft case with incorporated wireless charger and multilanguage user manual (GB, FR, IT, ES, PT, DE, GR, RU, TR, JP, CN, TH, Arab).

Made in Italy

**33247**

*I-phone not included*

CE 1370

*Four easy steps*
*1- Connect the device with bluetooth*
*2- Place D-Heart on your chest*
*3- The App will guide you to make the ECG*
*4- Get immediate feedback from a cardiologist*

**Free D-Heart App required (GB, FR, IT, ES, PT, DE, GR)**

Download on the App Store · Google play

*See Apple and Android compatibility on www.gimaitaly.com*

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Channels/leads: | 8 for patient use, 12 for health professional use |
| A/D resolution: | 12 bit |
| Measurement range: | > ±5 mV |
| Frequency response: | 0.05 Hz ~ 150 Hz (-3 db) |
| Recording velocity: | 25 mm/s (std) / 50 mm/s |
| Acquisition lenght: | from 12 s to 60 s (8 channels)<br>12 s (12 channels) |
| Filters: | AC 50/60 Hz (digital)<br>Muscular 25/40 Hz (digital) |
| Recording frequency: | Acquisition 640 Hz / ch<br>Transmission 640 at 4 intervals on average (160 Hz / ch) |

*Wireless charging within the case*

## CHECKME™ LITE HEALTH MONITOR WITH BLUETOOTH

**• 35185 CHECKME™ LITE HEALTH MONITOR with Bluetooth**

Innovative all-in-one device with multiple functionalities into one compact and portable unit. It allows to measure simultaneously ECG, heart rate, QRS duration, $SpO_2$, pulse rate and pulse index. With colour touch screen, well organized user interface and audio instructions, is very intuitive and easy to use. Clinical approved accuracy.
- supports both cable and cable-free measurement of ECG and $SpO_2$ (optional cable)
- checks, captures and identifies abnormal ECG in 20 sec.
- professional ECG algorithm provides heart rate, QRS duration, ST segment and rhythm analysis
- check blood oxygenation with built-in $SpO_2$ sensor in 20 sec
- high quality ECG waveform can be saved and replayed
- professional PC data management software for review and generating reports (compatible with windows OS)

**• 35190 EXTERNAL $SpO_2$ SENSOR - optional**

CE 0197

DAILY CHECK JUST TAKES 20 SECONDS

ECG + HR + $SpO_2$ + QRS + Pulse Rate + PI

*Manual: GB, IT, ES, DE, FR*
*Audio instructions: GB, PL, DE, IT, FR, ES, HU*
*PC software: GB*

**35185**

**STANDARD ACCESSORIES**

Software
ECG cable
ECG electrodes
Neck strap
Charging cable, micro D

## CHECKME™ PRO VITAL SIGNS MONITORS - WIRELESS WITH BLUETOOTH

**• 35186 CHECKME™ PRO VITAL SIGNS MONITOR - with Bluetooth**

**• 35187 CHECKME™ PRO VITAL SIGNS MONITOR WITH ECG HOLTER - with Bluetooth**

All-in-one, compact, versatile and portable wireless vital signs monitors for checking your health anytime anywhere.
They can be used in a wide range of application scenarios, including: outpatient, emergency, surgeries, telemedicine.

**• 35188 AIR BP BLOOD PRESSURE UNIT* - optional**

Ultra-portable smart upper arm blood pressure device.

**• 35190 EXTERNAL $SpO_2$ SENSOR - spare**

CE 0197

ECG + $SpO_2$ + BP (needs 35188) + Sleep Apnea + Temp + Pedometer + 24 hours ECG holter (only 35187)

**STANDARD ACCESSORIES**

ECG cable, $SpO_2$ sensor, ECG electrodes, charge cable, neck strip, user manual, protective cover, wrist band, Y adaptor and sport chest band (only 35187)

**CHECKME™ PRO FEATURES**

**ECG**
- supports both cable and cable-free operation
- 500 Hz sampling rate and wide bandwidth
- 30/60s waveform can be replayed
- professional ECG algorithm to provide Heart Rate, QRS duration, ST segment, QT/QTC interval, and rhythm analysis

**ECG holter (only 35187)**
- easy to wear and use
- continuously record ECG for 24 hours
- check report and ECG waveform on APP or PC
- the report includes heart rate, rhythm and HRV (heart rate variability)
- holter report can be stored in Cloud, printed or saved as PDF

**$SpO_2$**
- supports both cable and cable-free operation
- measurement of oxygen saturation, pulse rate and pulse strength

**Sleep apnea screening**
- $SpO_2$ monitor for OSA (Obstructive Sleep Apnea)
- records and tracks $SpO_2$ and Pulse Rate up to 10 hours
- mobile APP to check $SpO_2$ change in details

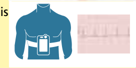
**Blood Pressure via Bluetooth (needs code 35188)**
- manage all vital signs data together

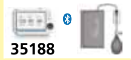
**Temperature - Integrated infrared temperature sensor**
- quick measurement with high accuracy
- safe and comfortable, no need to wake up child while sleeping

**Pedometer**
- accurately calculate steps, calories and amount of fat burned
- built-in high accuracy 3D smart sensor

**APP - support iOS and Android**
- built-in Bluetooth, all data can be exported from device to phone/tablet
- it greatly reduces the frequency and the cost of hospital visit since results can be shared with doctors

**PC browser**
- medical data management software
- user data, user profile, readings and wave form can be exported from Checkme to the browser by USB





**35188**

Manual: GB, ES, IT, DE, FR
Audio instructions: GB, ES, IT, DE, FR, PL, RU, HU
Pc software: GB
App: GB, DE, FR, ES

**Includes main unit, cuff and charge cable*

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## GIMA 900 PRO AND PLUS VITAL SIGNS MONITORS

**• 35124 GIMA 900 PRO VITAL SIGNS MONITOR**

**• 35132 GIMA 900 PLUS VITAL SIGNS MONITOR**

"Vital Signs" is a line of small multi-parameter patient monitors, which can monitor the vital physiological parameters: non-invasive blood pressure (NIBP), pulse oxygen saturation ($SpO_2$), electrocardiogram (ECG) and temperature (TEMP).

Features:
- 3.5''LCD display for remote review (GIMA-900 Pro), and 7'' high resolution touch screen (GIMA-900 Plus)
- history data records reviewed in waveform, list and trend graph
- USB connection for data output and software upgrade

*Optional printer*

$SpO_2$+NIBP+ ECG+TEMP

CE 0476

**35124** **35132**

| GIMA code | ACCESSORIES AND SPARES |
|---|---|
| 35133 | Printer*- optional |
| 35141 | Paper 5.1 cm x 12 m - box of 5 |
| 35126 | Lead acid re-chargeable battery - spare for 35120-2 |
| 35129 | Lithium re-chargeable battery - spare for 35124, 35132 |
| 35135 | Reusable adult $SpO_2$ probe - spare |
| 35136 | Reusable pediatric $SpO_2$ probe |
| 35137 | 5 leads ECG cable - spare |
| 35140 | NIBP cuff - 10-19 cm - pediatric |
| 35142 | NIBP cuff - 18-26 cm - pediatric XL |
| 35139 | NIBP cuff - 21-35 cm - adult |
| 35143 | NIBP cuff - 27-42 cm - adult XL |
| 35127 | Trolley - adjustable 73 to 113 cm |
| 35128 | Rail clamp |

**Installation done by Gima if ordered with monitor. Need service if ordered later.*

**35127** **35128**

**STANDARD ACCESSORIES**

- Adult $SpO_2$ probe
- NIBP adult cuff
- Temperature probe - skin type
- ECG cable + 10 ECG electrode
- Lithium rechargeable battery
- Power supply cable
- Dust protective mantle
- Manual (GB, FR, IT, ES)

**TECHNICAL SPECIFICATIONS**

**NIBP**
Measuring method: Oscillometric
Measurement mode: Manual, Auto, STAT
Measurement range:

| Press(unit) | | Adult | Pediatric | Neonate |
|---|---|---|---|---|
| SYS | mmHg | 40-275 | 40-200 | 40-135 |
| MAP | mmHg | 20-230 | 20-165 | 20-110 |
| DIA | mmHg | 10-210 | 10-150 | 10-95 |

**$SpO_2$**
Measuring range: 35%~100%
Measuring accuracy: 3% for range from 70 to 100%
Low perfusion performance: as low as 0.4%

**Pulse Rate**
Measuring range: 30~240 bpm
Measuring accuracy: ±2 bpm or ±2%, whichever is greater

**ECG**
HR display range: 15~350 bpm
HR display accuracy: ± 1% or ± 2 bpm, whichever is greater
HR alarm delay time: ≤10s
Sensitivity selection: x1/4, x1/2, x1, x2
Sweeping speed: 25 mm/s

**Temperature**
Measuring range: 21-50°C
Measuring accuracy: ±0.2°C for range 25-45°C

**Other Technical Specifications**
Power supply: 100~240 VAC, 50/60 Hz
Battery: 11.1 V / 4,400 mAh (Li-ion Battery)

## RESPIRONICS $CO_2$ SENSORS: CAPNOSTAT MAINSTREAM AND LOFLO SIDESTREAM

**• 33797 CAPNOSTAT MAINSTREAM $CO_2$ SENSOR for intubated patients**

Small, durable and lightweight mainstream $CO_2$ sensor provides accurate and reliable monitoring for all intubated patients from neonates to adults.
No calibration required.
Fast airway measurement.

*Capnostat® Mainstream $CO_2$ sensor*

**33797**

**COMPATIBILITY OF LOFLO AND CAPNOSTAT $CO_2$ SENSORS**

Bionet (BM1, BM5), Contec (CMS 8000), Creative (PC-3000, UP7000, K10, K12, K15), Mindray (various), Philips (various)

**• 33796 LOFLO SIDESTREAM $CO_2$ SENSOR for intubated and non intubated patients**

Flexible and compact $CO_2$ sensor that provides consistent and reliable $CO_2$ monitoring of adult, pediatric and neonatal patients. No calibration required.
50 ml/minute sampling rate.

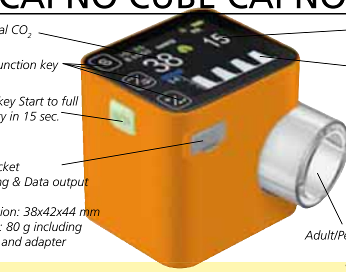
*LoFlo™ Sidestream $CO_2$ sensor*

**33796**

**ACCESSORIES FOR LOFLO SIDESTREAM $CO_2$**

- **33790 INTUBATED FILTER LINE H - adult - box of 10**
- **33791 INTUBATED FILTER LINE H - infant - box of 10**
- **33792 NON INTUBATED $CO_2$ NASAL CANNULA - adult - box of 10**
- **33793 NON INTUBATED $CO_2$ NASAL CANNULA - ped. - box of 10**
- **33794 NON INTUBATED $CO_2$+$O_2$ NASAL CANNULA - adult - box of 10**
- **33795 NON INTUBATED $CO_2$+$O_2$ NASAL CANNULA - ped. - box of 10**

## CAPNO CUBE CAPNOGRAPH


End-tidal $CO_2$
Multi-function key
Power key Start to full accuracy in 15 sec.
USB socket Charging & Data output
Respiration rate
Capnogram 8 sec. real time data
Airway adapter Adult/Pediatric/Neonate
38
15

*Dimension: 38x42x44 mm*
*Weight: 80 g including battery and adapter*

**• 33831 POCKET CAPNO CUBE CAPNOGRAPH (MAINSTREAM)**

Innovative capnograph designed for monitoring the vital physiological signs of patients from newborn to adult.
- sensitive and accurate monitoring of $EtCO_2$, Respiration Rate, real-time Capnogram within 15 seconds
- suitable for pre-hospital first aid, incubator, anesthesiology, respiration, sleeping monitoring and intubated monitoring
- 24 hours memory with data management software
- large numeric display visible from 5 meters

Supplied with adult/pediatric adaptor, neonatal adaptor, silicone protection, USB cable, AC adapter, CD software and manual (GB, IT).

**• 33832 ADULT/PEDIATRIC AIRWAY ADAPTOR**

**• 33833 NEONATAL AIRWAY ADAPTOR**

**TECHNICAL SPECIFICATIONS**

**$EtCO_2$**
Method: Non-dispersive Infrared Spectroscopy
Range: 0-150 mmHg or 0-20 kPa
Accuracy: ± 2 mmHg, range from 0-40 mmHg
± 5%, range from 41-70 mmHg
± 8%, range from 71-100 mmHg
Update time: Every breath
Warm up time: < 15 seconds
Memory: 24 hours with trend and numeric

**Respiration Rate**
Range: 3-150 rpm ± 1% or ± 1 rpm
Memory: 24 hours with trend and numeric
Sensor: Adapter for intubated patient

**$InsCO_2$**
Range: 3 - 50 mmHg

**Other**
Airway Adapter dead space: 5 ml (adult/pediatric), 1 ml (neonate)
AC input: 100-240 V, 50/60 Hz - 5 W
Battery: Lithium 3.7 V, 1400 mAH
Charging time: 4 hours
Operating time: 6 hours
Firmware software: GB, FR, IT, ES, DE, NL
Norms: IEC 60601-1/CSA 601-1/UL2601-1
Protection: Type BF - Class II, IP 33

# K12 AND K15 PATIENT MONITORS FOR INTENSIVE CARE

- **35306 K12 MULTIPARAMETER MONITOR 12"**
- **35307 K12 TOUCHSCREEN MULTIPARAMETER MONITOR 12"**
- **35309 K15 TOUCHSCREEN MULTIPARAMETER MONITOR 15"**
- **35310 K15 TOUCHSCREEN 2 IBP* MULTIPARAMETER MONITOR 15"**

Multi-functional patient monitors, designed for monitoring the vital physiological signs of adult, pediatric and neonate patients. With the functions of real-time recording and displaying parameters, such as ECG, heart rate (HR), non-invasive blood pressure (NIBP), oxygen saturation ($SpO_2$), respiration (RESP), temperature (TEMP), it allows comprehensive analysis of patient's physiological conditions.

- ergonomic design with intuitive user interface
- USB socket for data transfer and software upgrade
- 9 traces on-screen waveforms
- Windows style display view, easy to operate
- visual and audible alarm for physiological and technical alarms
- large capacity storage
- suitable for use with original Nellcor sensors
- protection against defibrillator discharge, resistance against the interference from electro-surgical unit; Cardiac pacemaker pulse detection and inhibition.

Internal software: GB, DE, FR, PT, ES, IT, PL, TR, RU.
PC software only GB.

15" display with LED backlight 9 waveform on screen

**ECG + $SpO_2$ + NIBP + RESP + 2-TEMP**
**optional 2 IBP + $EtCO_2$ module**

360° degree visible indicator with 3 level alarm

Lithium battery up to 2.5 hours continuous monitoring

Optional printer, code 35133

| GIMA code | ACCESSORIES FOR K12, K15 |
|---|---|
| 35133 | Printer** - optional |
| 35141 | Paper 5.1 cm x 12 m - box of 5 |
| 35311 | NIBP cuff - 6x11 cm neonate - optional |
| 35312 | NIBP cuff - 10x19 cm pediatric - optional |
| 35313 | NIBP cuff - 21x35 cm adult - spare |
| 35315 | $SpO_2$ probe*** D type - neonate - optional - need ext. cable |
| 35316 | $SpO_2$ probe*** D type - pediatric - optional - need ext. cable |
| 35317 | $SpO_2$ probe*** D type - adult - spare - need ext. cable |
| | ***Nellcor compatible |
| 35318 | Extension cable for $SpO_2$ probes - spare |
| | Nellcor compatible disposable $SpO_2$ sensors - pages 293-5 |
| | Respironic Mainstream and Sidestream $CO_2$ sensors - news 28 |
| 35319 | Rechargeable lithium battery - spare |
| 35320 | ECG cable - spare |
| 35148 | Trolley - optional |
| 35321 | IBP sensor - disposable - spare for 35310 only |

**Installation done by Gima if ordered with monitor. Need service if ordered later

Accessories box

2 IBP module (35310 only)

**STANDARD ACCESSORIES**

- Adult $SpO_2$ probe
- $SpO_2$ extension cable
- Skin temperature probe
- Re-chargeable lithium battery
- Disposable electrode
- 2 IBP module, cable, sensor (only 35310)
- NIBP adult cuff
- ECG cable
- Power supply cable
- Dust-protective cover
- Manual: GB, FR, IT, ES, PL, RU

**Invasive Blood Pressure (IBP) is a direct measurement of the patient's arterial or venous blood pressure. A catheter is used and inserted directly into a vein, artery or other pressure access areas, and is connected to a pressure transducer for measuring systolic, diastolic and mean blood pressures. The device can display the systolic, diastolic and mean blood pressures and a waveform for each pressure channel.*

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| **ECG** | |
| Input dynamic range: | ±(0.5~5 mVp) |
| Differential input impedance: | ≥10 MΩ |
| Bandwidth: | 0.05~150 Hz (Diagnostic)<br>0.5~40 Hz (Monitoring)<br>1~20 Hz (Operation) |
| CMRR: | ≥90 dB (Diagnostic)<br>≥105 dB (Monitoring & Operation) |
| Sensitivity selection: | ×1/4, ×1/2, ×1, ×2, ×4 and Auto |
| Sweeping speed: | 6.25 mm/s, 12.5 mm/s, 25 mm/s, 50 mm/s |
| HR measuring range: | 15~350 bpm ±1% or ±2 bpm, whichever is greater |
| Pacemaker pulse detection and rejection function | |
| **RESP** | |
| Measuring range: | 0~120 rpm ±5% or ±2 rpm, whichever is greater |
| **TEMP** | |
| Measuring range: | 21.0~50.0 °C ±0.2 °C from 25~45 °C |
| **NIBP** | |
| Technique: | Oscillometric method |
| Typical measurement time: | <30 seconds (adult cuff) |
| NIBP measuring range: | SYS: 40~275 mmHg (Adult)<br>40~200 mmHg (Pediatric)<br>40~135 mmHg (Neonate) |
| NIBP measuring range: | DIA: 10~210 mmHg (Adult)<br>10~150 mmHg (Pediatric)<br>10~95 mmHg (Neonate) |
| NIBP measuring range: | MAP: 20~230 mmHg (Adult)<br>20~165 mmHg (Pediatric)<br>20~110 mmHg (Neonate) |
| NIBP measuring accuracy: | Mean difference: ±5 mmHg<br>Standard deviation: 8 mmHg |
| NIBP measurement mode: | Manual, Auto, STAT, Multi-cycle mode |
| Auto measuring intervals: | 1-480 min |
| **$SpO_2$** | |
| Technique: | Dual-wavelength optical method |
| Measuring range: | 0%~100% ±2% for $SpO_2$ range 70~100% |
| PR measuring range: | 30~250bpm ±2bpm or ±2%, whichever is greater |
| Low perfusion performance: | As low as 0.3%. |
| **$CO_2$** | |
| Technique: | Infrared optical method |
| Sampling mode: | Sidestream or Mainstream |
| Measuring range: | 0~150 mmHg |
| Measuring accuracy: | 0~40 mmHg ±2 mmHg<br>41~70 mmHg ±5% of reading<br>71~100 mmHg ±8% of reading<br>101~150 mmHg ±10% of reading |
| Flow rate: | 50 ml/min ±10 ml/min (Sidestream) |
| **IBP - 35310 only** | |
| Technique: | Strain gauge transducer |
| Input sensitivity: | 5 µV/V/mmHg |
| Measuring range: | -50~300 mmHg ±2% or ±4 mmHg, whichever is greater |
| Measuring positions: | ART, RAP, PA, LAP, CVP, ICP, AUXP1, AUXP2 |
| Calibration: | zero calibrating |
| **Other Specifications** | |
| Power supply: | AC 100-240 V, 50/60 Hz, 60 VA |
| Built-in lithium battery: | 11.1V/4400 mAh |
| Display: | 12 or 15 inch TFT display |
| Alarming method: | 3 levels audible-visible alarm |
| Networking: | Ethernet |
| Safety standard: | IEC 60601-1 |

# PATIENT CENTRAL STATION UP TO 64 MONITORS FOR UP7000*, K12, K15

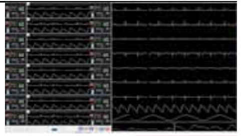
- **35323 CENTRAL STATION SOFTWARE**

Software that collects all the data of each bedside monitor and display them in a collective way. It stores and monitors the trend data of ECG and other parameters and analyses the stored data. It can support up to 64 bed monitors. It includes Soft-key, CD Software, 2 meters networking cable.

- **33745 CENTRAL STATION SYSTEM PC+MONITOR**
- **33746 LAN CABLE - 3 m**
- **33767 LAN CABLE - 30 m**

One cable for any monitor to be connected.
Customized cable length on request.

**Since S.N. J3300PG00766*



# AMBU® KING VISION® aBLADE™ VIDEO LARYNGOSCOPE

- **58106 KING VISION® aBLADE™ VIDEO LARYNGOSCOPE SET**

The King Vision® video laryngoscope is especially designed to visualize, in the most reliable way, the airways for routine and difficult intubations.
The reusable display is lightweight, non-glare, smudge-proof, packaged in a protective foam case and is battery operated. The blades are disposable and are individually packaged, eliminating cross contamination risks. Can be used continuously about 90 min., making it highly portable. Video output compatible with external monitor and recording devices.
**Two blade types:** a standard blade that requires the use of a stylet to direct the ET tube and a channeled blade where you can guide the ET tube with the blade. Made in the U.S.A.

- **58108 PEDIATRIC STANDARD aBLADES - size 2* - box of 20**
- **58109 PEDIATRIC CHANNELED aBLADES - size 2* - box of 20**
- **58110 VIDEO ADAPTER for aBLADES size 2 - optional**

*Pediatric aBlades need 58110 (not included)*

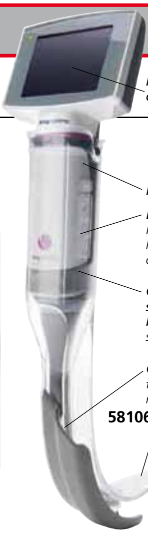
- **58112 STANDARD VISION aBLADES - size 3** - box of 20 - spare**
- **58113 CHANNELED VISION aBLADES - size 3** - box of 20 - spare**
- **58116 VIDEO ADAPTER for aBLADES size 3 - spare**

** For children 1-10 years* *** For large children, adults*

**STANDARD ACCESSORIES**

Vision display
1 reusable video adapter for aBlades size 3
4 channeled vision aBlades - size 3
2 standard vision aBlades - size 3
3 AAA batteries
Case

Disposable channeled aBlade
Disposable standard aBlade
58113
58112
Video display and adapter with integrated camera


Full colour TFT LCD display anti-reflective
Protective gasket
Ergonomic design. Integrated blade/handle design for complete control
Channeled and standard disposable blades for guided or standard insertions
Guiding channel for easy ETT placement and removal
58106
Excellent optics
New anti-fog lens in every blade

# MAXLITE FLEXTIP F.O. XENON/HALOGEN OR LED SETS AND BLADES

**XENON-HALOGEN OR LED F.O. FLEXTIP LARYNGOSCOPE SETS WITH INTEGRATED FIBRES FOR DIFFICULT INTUBATIONS**

Deluxe set including one F.O. rechargeable handle, one or two F.O. Mc Intosh blades N° 3 or N° 3 and 4 and bulb. The movable blade tip facilitates lifting of the epiglottis and enables a perfect visibility of the intubation process even in case of difficult anatomical conditions. A better visibility and a lower lever force reduce the risk of injury of the larynx and the teeth.

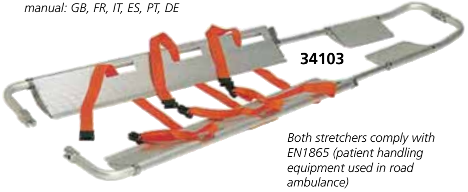
- stainless steel construction, matt finish
- can be used with all Green Spec Handles
- compatible with ISO 7376 Green Standards
- channel provides improved viewing area
- 4.5 mm fibre bundle with more than 6,500 individual fibre strands
- high quality fibres ensuring excellent light transmission, 8,000 lux with 2.5V Xenon lamp, 20,000 lux with 2.5V LED lamp
- 2x"C" batteries or rechargeable batteries (not included)
- autoclavable at 134° C, approximately 2,000 times
- can sustain Plasma sterilization (Sterrad 100 NX)

| GIMA code | MAXLITE FLEXTIP F.O. SETS - 2.5 V with integrated fibres |
|---|---|
| 58070 | MAXLITE F.O. XENON FLEXI SET 1 blade Mc Intosh 3 |
| 58072 | MAXLITE F.O. XENON FLEXI SET 2 blades Mc Intosh 3-4 |
| 58073 | MAXLITE F.O. LED FLEXI SET 1 blade Mc Intosh 3 |
| 34498 | MAXLITE F.O. LED FLEXI SET 2 blades Mc Intosh 3-4 |

| GIMA code | ACCESSORIES AND SPARES FOR MAXLITE FLEXI |
|---|---|
| 58078 | MAXLITE F.O. FLEXI BLADE N° 2 Mc Intosh (115x90 mm) |
| 58079 | MAXLITE F.O. FLEXI BLADE N° 3 Mc Intosh (135x110 mm) |
| 58080 | MAXLITE F.O. FLEXI BLADE N° 4 Mc Intosh (155x130 mm) |
| 34485 | Bulb 2.5 V - spare |
| 34467 | Adult rechargeable Li-ion battery 2.5 V |
| 31542 | Charging station 100-240 V - see page 327 |

# PLASTIC OR ALUMINIUM SCOOPING STRETCHERS

*Supplied with multilanguage manual: GB, FR, IT, ES, PT, DE*



*Both stretchers comply with EN1865 (patient handling equipment used in road ambulance)*

- **34103 SCOOPING STRETCHER - aluminium**
- **34104 SCOOPING STRETCHER - plastic**

Wonderfully practical scooping stretchers allow to put the stretcher under the patient without moving him/her much.
The shape of the stretchers has been designed to immobilize the patient properly during transport.

- effective hooking and unhooking device for stretcher uncoupling
- adjustable stretcher length with automatic locking device
- bag with 3 quick unhooking safety belts for patient immobilization
- once folded can be easily stored inside the ambulance
- built in light and sturdy aluminium (34103) or plastic (34104)
- X-ray translucent (34104 only)

**TECHNICAL SPECIFICATIONS**

| | 34103 | 34104 |
|---|---|---|
| Open size cm: | min 171x43 max 205x43 | min 164x44.5 max 200x44.5 |
| Folded size cm: | 121x43x10 | 118x44.5x8.5 |
| Weight: | 8.5 kg | 7.5 kg |
| Load: | 159 kg | 159 kg |

# DEFIBRILLATOR ACCESSORIES KIT

- **34219 DEFIBRILLATOR ACCESSORIES KIT**

Pocket mask kit with accessories for reanimation and defibrillation. Kit includes: 1 pocket mask, 1 antiseptic wipe, 4 vinyl gloves, 1 disposable razor
3 packs of sterile gauzes

CE 0197

34219

# DAE-AED SIGNS

- **35325 DAE-AED ALUMINIUM FRONT SIGN 25x31 cm**
- **35326 DAE-AED ALUMINIUM FRONT SIGN 34x36 cm**

*Sign in aluminium foil with thickness 5/10. Pre-drilled for wall mounting.*
35325
35326

# PRACTI-MAN CPR MANIKIN

*Multilanguage manual: GB, FR, IT, ES, PT, DE for 56500 and 56501*
*Includes: 1 Practi-man, 5 lungs, 2 valves, 1 transport bag with mat.*
56500

- **56500 PRACTI-MAN ADVANCE CPR MANIKIN**
- **56501 4 PRACTI-MAN ADVANCE CPR MANIKINS**

CPR manikins for massive training events:
- adult and child CPR training with a single manikin
- 3-position selector dial: adult, child and test
- real-like system for breathing function
- jaw thrust maneuver
- AED training

- **56504 PRACTI-MAN LUNGS - box of 5 - spare**
- **56505 PRACTI-MAN VALVES - box of 2 - spare**

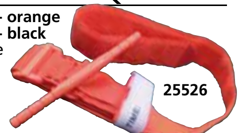
*Includes 4 Practi-man, 20 lungs, 8 valves, 1 transport bag with mat*

56501

# MILITARY TOURNIQUET

- **25526 MILITARY TOURNIQUET - orange**
- **25527 MILITARY TOURNIQUET - black**

Mainly used for stopping massive haemorrhage of limbs on field conditions or in normal pre-hospital emergency.


25526

25527 25526

Easy to use, one-handed application tourniquet improving the efficiency of hemostasis. It can be self-applied or applied by a first responder, allowing a quick and easy regulation of the pressure needed.
Suitable for both upper and lower limbs. Made in woven synthetic fabric with thermoplastic clasp and secure windlass.
Size: 95x4 cm.

# EMERGENCY TROLLEY BAGS

Trolley bag and rucksack made of strong, water resistant 600D polyester (27154) and PVC (27173) with durable cold resistant wheels.

27154

PVC

27173

- **27154 EMERGENCY SMART TROLLEY BAG - 56x32.5x49 cm**

*Extremely capacious with internal adjustable compartments which permit personalized organization of the space. Provided with external pockets, internal divisions, and one removable pouch with transparent window. Double yellow reflective strips. Waterproof rubber bottom to prevent water infiltration.*

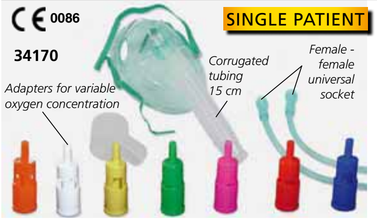
- **27173 EMERGENCY LOGIC 2 PVC TROLLEY RUCKSACK - 49x31x57 cm**

*Supplied with 6 coloured pouches with transparent window and velcro strips, 2 frontal pockets and 2 lateral pockets. Internal velcro strips and elastics, to retain instruments. Central division with zip and elastics. Provided with yellow reflective strips and shoulder straps.*

# VENTURI VARIABLE CONCENTRATION MASK FOR OXYGEN THERAPY

CE 0086

SINGLE PATIENT

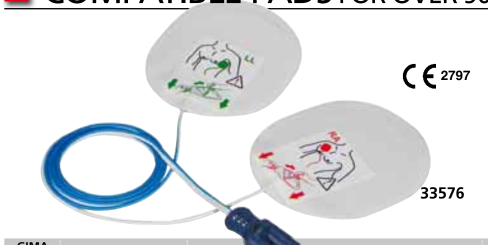

34170
Adapters for variable oxygen concentration
Corrugated tubing 15 cm
Female - female universal socket

- **34170 VENTURI TYPE VARIABLE CONCENTRATION MASK - adult - box of 50**
- **34171 VENTURI TYPE VARIABLE CONCENTRATION MASK - pediatric - box of 50**

Disposable adult or pediatric mask with Venturi system, with corrugated tubing 15 cm, extension tubing 200 cm, cup and seven adapters for variable oxygen concentration. Latex free.

| % Regulators | Litres/minute to reach desired oxygen concentration | Colour coded according to EN 13544-3:2001 |
|---|---|---|
| 24% | 2 | Blue |
| 28% | 4 | White |
| 31% | 6 | Orange |
| 35% | 8 | Yellow |
| 40% | 8 | Red |
| 50% | 12 | Fuchsia Pink |
| 60% | 15 | Green |

# COMPATIBLE PADS FOR OVER 90% OF DEFIBRILLATORS ON THE MARKET


33576

CE 2797

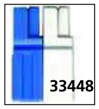
**ADULT COMPATIBLE PADS - disposable**
A range of compatible pads BSI certified for patients >8 years (25 kg) for most defibrillators on the market.
Excellent adherence and adequate gel thickness.
Includes a couple of pads, cable and connector.
Maximum shelf life 30 months (24 months for 33584) from production date. Latex free.
Compliance to regulations: Directive 93/42/EEC and amendments. Class IIb medical device. ANSI/AAMI: DF-80; IEC/EN: 60601-1, 60601-2-4; ISO: 10993-1.
Made in Italy.

NEW LAUNCH

| GIMA code | BRAND | MODEL |
|---|---|---|
| 33576 | Agilent-Philips | - Heartstream/HeartStart XL M4735A<br>- Heartstream/HeartStart XLT M3500B<br>- HeartStart XL 861290<br>- HeartStart 4000 M5500B (all with Philips cable M3508A) |
| 33579 | Artema Innomed | - Cardio Aid 100 - 200 - 200B - 360B - XL - XL+ |
| 33579 | Artema S&W | - Cardio Aid LS - MC - MC+ |
| 33587 | Bexen Cardio | - Reanibex 200 - 300 - 500 - 700 - 800 |
| 33580 | Cardiac Science | - Powerheart AED 9200<br>- Powerheart AED G3 9300 series (G3, G3 Plus, G3 Pro) |
| 33581 | Cardiaid | - Cardiaid CT0207 |
| 33587 | Cardioline | - Elife 700 |
| 33448 | Cmos Drake | - Futura |
| 33448 | CU Medical System | - i-PAD NF1200 |
| 33578 | Defibtech | - DDU 100 Lifeline AED - DDU 120 Lifeline Auto AED |
| 33579 | Drager | - Cardiolog 2000 |
| 33586 | Esaote | - MDF SAED - MDF II |
| 33580 | GE | - Responder AED - AED Pro |
| 33583 | GE | - Responder 1100 - 2000 - 3000 (direct connection)<br>- Cardioserv (direct connection)<br>- Dash Responder (direct connection) |
| 33579 | Innomed | - CardioAid 200B - 200 - 100 - 360B - XL+ - XL |
| 33589 | M&B | - AED 7000 |
| 33582 | Mediana | - HeartOn AED A10 |
| 33584 | Mediana | - HeartOn AED A15 (for patient >10 kg) |
| 33609 | Metrax Primedic | - Heartsave AED - AED-M - 6 - 6S since S.N. 739xxxxxxx<br>- Defimonitor XD |
| 33587 | Mindray | - Beneheart D1 - D3 - D6 |
| 33579 | MRL | Lite - Lifequest |
| 33579 | Nihon Kohden | Cardiolife TEC 2202 - 2203 - 5500 - 7531 - 7600 - 7700 - 8251 all with cable JC-755V, TEC 5600 - 8300 with cable JC855V |
| 33576 | Philips Laerdal Medical | - Heartstream Fore Runner I AED models E, S, EM<br>- Heartstart FR1 AED 940010XX - 940020XX - 940030XX<br>- Heartstart FR2 AED M3841A - M3861A<br>- Heartstart FR2+ AED, with ECG module M3840A, M3860A<br>- Codemaster M1722A/B, M1723A/B, M1724A, M2475B (with Philips cable M3507A and pad adapter 05-200)<br>- Heartstart MRx M3535A (with Philips cable M3508A) |
| 33587 | Physiocontrol | - Lifepak 9 connector Quick-Combo<br>- Lifepak 10 - 12 - 15 - 20 - 20E - 500 AED pink or grey socket - 1000 AED |
| 33588 | Schiller | - Fred Easy - Fred Easy 2G<br>- Defigard DG4000 - DG5000 - DG6002 |
| 33586 | Schiller | - Defigard DG1002 - DG3002 - DG2000 EDOS<br>- Fred - Fred Tele |
| 33592 | Schiller | - Fred easy port - Argus PRO Lifecare<br>- Argus PRO Lifecare 2 - Fred PA-1<br>- Cardiovit AT 101 Easy<br>- Defigard Touch 7 |
| 33579 | S&W | - Cardio Aid LS - MC - MC+ |
| 33584 | Tecno-Gaz | - Tecnoheart Plus (for patient >10 kg) |
| 33581 | Weinmann | - Meducare easy - Meducare standard |
| 33579 | Welch-Allyn | - AED 10 - AED20<br>- PIC30 - PIC40 - PIC50 |
| 33589 | Zoll Medical Corp | - Zoll PD 1200 - 1400 - 1600 - 1700 - 2000 - E - M - R - X series<br>- Pro paq MD |
| 33585 | Zoll Medical Corp | - Aed Plus - AED Pro - AED 3 without CPR function |

*Connectors to defibrillator of compatible pads*

*Multilanguage envelope: English, Italian, French, German, Spanish, Portuguese, Greek, Dutch, Russian, Swedish*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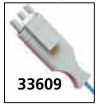
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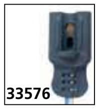
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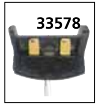
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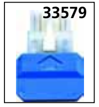
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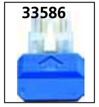
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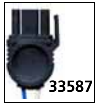
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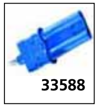
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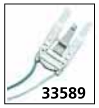
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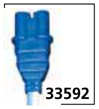
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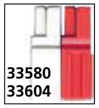
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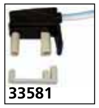
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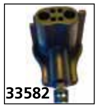
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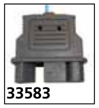
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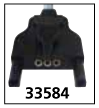
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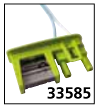

33585

# PEDIATRIC COMPATIBLE PADS WITH ENERGY REDUCTION SYSTEM

**PEDIATRIC COMPATIBLE PADS - disposable**
These pads have an energy reduction system: defibrillator output of 150J (33606) or 200J (33603) is reduced to 50J. International CPR guidelines state 8 years as limit age for pediatric treatment, corresponding to about 25 kg according to standard growth curves. Compliance to regulation as above adult compatible pads.
Latex free.
Made in Italy.

33603

33606

CE 2797

| GIMA code | BRAND | MODEL |
|---|---|---|
| 33604 | Cardiac Science | - Powerheart AED 9200 series<br>- Powerheart G3 AED 9300 series (G3, G3 Plus, G3 Pro) |
| 33604 | GE | - Responder AED, AED Pro |
| 33584 | Mediana | - HeartOn AED A15 (for patient >10 kg) |
| 33606 | Philips Laerdal Medical | - Heartstart FR2 AED M3841A & M3861A<br>- Heartstart FR2 AED, with ECG module 3840A, M3861A, 3860A |
| 33603 | Physiocontrol | - Lifepak 500 AED pink socket<br>- Lifepak 1000 AED<br>- Lifepak CR plus AED - Lifepak Express AED |
| 33584 | Tecno-Gaz | - Tecnoheart Plus (for patient >10 kg) |

# RESCUE LIFE MANUAL AND SEMIAUTOMATIC DEFIBRILLATORS

*Large, bright, high contrast, wide-angle TFT LCD colour display 7" to view simultaneously up to 12 ECG channels*

***Ergonomic design.*** *Impact proof, compact and lightweight. Comfortable and washable carrying bag keeps all accessories at hand and protects Rescue*

***Memory and data management.*** *Simple commands, extremely intuitive and easy to use. Immediate access to main setup parameters using only trim knob and function keys*

CE 0068

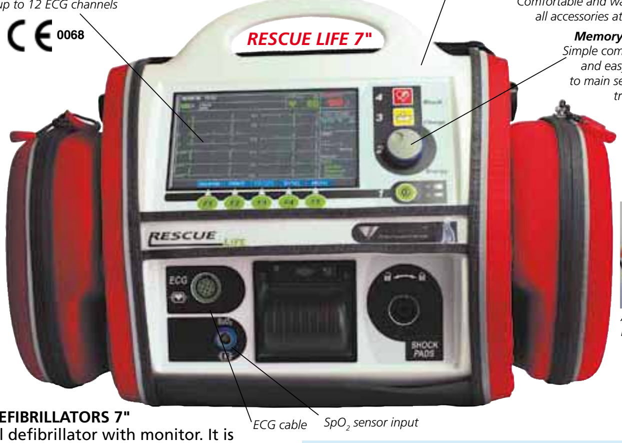
MADE IN ITALY

AVAILABLE WITH:
- $SpO_2$
- NIBP
- PACEMAKER

YOU MAY ORDER UNIT WITH 1 TO 3 OF ABOVE PARAMETERS

- 7" TFT COLOUR DISPLAY
-AUTOMATIC SELF TEST

***Fast connection.***
*User can choose between ergonomic reusable paddles for manual defibrillator or disposable pads for AED defibrillation.*
*Both types are equipped with a single fast lock connection for reliable rescue operations*



*Adult and pediatric reusable paddles*

**RESCUE LIFE BIPHASIC DEFIBRILLATORS 7"**
Rescue Life is an external defibrillator with monitor. It is designed to be used by out-of-hospital and hospital users. Lightweight, transport facility, attractive line, ergonomic shape, studied in every details. It is a complete acute cardiac care response system designed for Basic Life Support (BLS) and Advanced Life Support (ALS) patient management protocols. The IPX4 standard permits the operation under adverse climatic situations. Rescue Life is totally MADE IN ITALY.

**$SpO_2$ and pacemaker**
Range includes models with pacemaker and $SpO_2$. ECG module for monitoring (not for diagnosis) includes up to 12 derivations standard 5 leads patient cable (for I, II, III, aVL, aVR, aVF) or optional 10 leads patient cable (for 12 derivations).

**NIBP**
The NIBP option is focused on advantage A+ module of SunTech Medical that provides the highest NIBP performance during movements. Suitable for adult, pediatric and neonatal.

**High contrast TFT LCD colour display 7"**
Bright, high contrast, wide-angle colour display for simultaneous view of up to 12 ECG channels

**Data management**
The memory is based on a flash disk of 4 GB for 300 recorded hours for all AED models

**Asynchronous and synchronous**
- in *asynchronous* defibrillation, Rescue is advised on patients with the following symptoms: unconsciousness, absence of normal breathing and lack of detectable pulse.
- in *synchronous* defibrillation, Rescue Life is advised on patients with ECG's reporting Atrial Fibrillation.

**3 operation modes: manual, AED, Advisory**
- in *manual mode* RESCUE LIFE is intended for use by doctors and trained individuals. Only 3 steps: energy selection from 1 to 230J, energy charge and shock.
- in *AED mode*, RESCUE LIFE is intended for use by personnel authorized by a physician or medical director. The voice prompts and display messages are assisting the operator during CPR operations, charging automatically to 150J when a shock-able ECG rhythm is detected.
- in *advisory Mode*, the system alerts when the shock is necessary leaving the energy level and charging choice to the operator.

**Initialising and system test at switching on of the device**
Auto test and fault recognition.

**Clinical test**
Available on our web site.

**STANDARD ACCESSORIES**

| | |
|---|---|
| Internal Li-Ion battery | 1 paper roll |
| 2 adult and pediatric reusable paddles | Patient cables 5 leads |
| Manual: GB, IT | 2 disposable pads (AED only) |
| Printer | Main adaptor charger |

| English | Italian | Other languages | RESCUE LIFE 7" DEFIBRILLATORS |
|---|---|---|---|
| 33185 | 33186 | 33187 | Rescue life AED defibrillator |
| 33191 | 33192 | 33193 | Rescue life AED defibrillator with pacemaker |
| 33194 | 33195 | 33196 | Rescue life AED defib. $SpO_2$+NIBP+Pacemaker |
| 33188 | 33189 | 33190 | Rescue life AED defib. other configuration |

**On request we can offer Rescue Life and Rescue Life AED in Spanish and French*
***On request we can offer Rescue Life and Rescue Life AED with $SpO_2$+NIBP, $SpO_2$+Pacemaker (available in GB, FR, IT, ES)*

**On request we can offer Rescue Life 7 with $SpO_2$ NIBP or Pacemaker.*
*You can choose 1 to 3 of above parameters. *Available on request manual in FR and ES.*

| GIMA code | RESCUE LIFE ACCESSORIES |
|---|---|
| 33451 | Disposable paddles - box of 2 - adult - original |
| 33420 | Disposable paddles with cable box of 2 - adult - optional |
| 33458 | Disposable paddles with cable - box of 2 - pediatric - original |
| 33593 | Cable for disposable paddles |
| 33594 | ECG cable 10 leads |
| 33595 | Rescue Life bag |
| 33250 | Thermal paper |
| 33596 | 12V car light adapter - inverter |

**TECHNICAL SPECIFICATIONS**

**Display:**
- high contrast TFT colour or LCD 7" (800x480 dots)
- ECG through the discharge paddles (1 trace) or through 5, 10 leads patient cable for 3, 6, or 12 traces and $SpO_2$ value
Automatic change over when plugging the patient cable
- filters: 50/60 Hz, base line, EMG
- heart rate indicator

**ECG monitoring**
- bandwidth: 0.5 to 120 Hz (-3db) with filters off
- speed: 5, 10, 25, 50 mm/sec.
- gain: 2.5, 5, 10, 20, 40 mm/mV with patient cable; auto with paddles
- HR digital readout on the display 20 to 300 bpm (± 2%)
- alarm: settable HR, min 20 bpm, max 250 bpm

**Pulse oxymetry ($SpO_2$) 33188-33190, 33194-33196**
- oxygen saturation range: 0 to 100%
- pulse rate range: 30 - 220 pulses per minute
- accuracy $SpO_2$: 70-100% ± 2 digits for adults using the finger clip sensor
- $SpO_2$ Alarms adjustable (min. 50%)

**Non-invasive pacemaker (33188-33196)**
- rectangular wave
- operating mode: fixed on demand
- pulse rate: 30 to 150 ppm adjustable in steps of 5 ppm
- impulse duration: 22 ms
- pulse Current: 0 to 150 mA adjustable in steps of 5 mA
- amplitude: MAX 150 V

**NIBP (33188-33190, 33194-33196 only)**
- technique: oscillometric
- accuracy: meets ANSI/AAMI SP10-2002, EN 1060-4
- patient application: adult/pediatric/neonatal

| - range mmHg | adult | pediatric | neonatal |
|---|---|---|---|
| systolic | 40-260 | 40-160 | 40-130 |
| MAP | 26-220 | 26-133 | 26-110 |
| diastolic | 20-200 | 20-120 | 20-100 |

**Printer:**
- manual, automatic (10"pre and post recording)
- integrated thermal printer for ECG traces and events documentation including HR/$SpO_2$ NiBP values
- paper speed: 5, 10, 25, 50 mm/sec.
- paper width: 58 mm

**Safety:**
- two hand safety shock release
- ECG input insulation CF class
- internal discharge after 30 sec. of standby after charge

**Power supply:**
internal Li-Ion battery
(charging time 95%: 2 hours)
AC 100-240 VAC, 50/60 Hz
Memory: internal flash 4 GB up to 300 hours of ECG data, events and usage review

**General:**
Dimensions: 36x24x34 cm
Weight: 5.5 kg with battery

# 3M™ SCOTCHCAST™ PLUS

***3M™ SCOTCHCAST™ CASTING TAPE***
*A lightweight, strong and durable casting tape that combines the benefits of a fiberglass casting tape with the handling ease of plaster.*
- *water-activated resin lets you control working time according to application needs*
- *high and early strength allows for weight bearing in 20 minutes and provides a durable cast with less chance of breakdown and the need for costly repairs or replacements*
- *lightweight for easy mobility*
- *stretches to conform well to contours for a more comfortable, better fitting cast*
- *porous weave allows the skin to breathe*

| GIMA code | | | | 3M code | 3M™ SCOTCHCAST™ | Minimum order |
|---|---|---|---|---|---|---|
| White | Green | Red | Blue | | | |
| 59610 | 59611 | 59612 | 59613 | 82002 | 5 cm x 3.65 m | box of 10 |
| 59620 | 59621 | 59622 | 59623 | 82003 | 7.5 cm x 3.65 m | box of 10 |
| 59630 | 59631 | 59632 | 59633 | 82004 | 10 cm x 3.65 m | box of 10 |
| 59640 | - | - | 59643 | 82005 | 12.7 cm x 3.60 m | box of 10 |

# 3M™ STOCKINET™

***3M™ STOCKINET™***
*Water repellent and therefore suitable for use with Soft Cast as a water proof cast. Suitable for use with all casting materials, plaster and synthetic.*

| GIMA code | 3M code | 3M™ STOCKINET™ | Minimum order |
|---|---|---|---|
| 59701 | MS02 | 5 cm x 22.8 m | 1 |
| 59702 | MS03 | 7.5 cm x 22.8 m | 1 |
| 59703 | MS04 | 10 cm x 22.8 m | 1 |

# 3M™ TRANSPORE™ WHITE TAPE

***3M™ TRANSPORE™ WHITE SURGICAL TAPE***
*Gentle tape with strong adhesion and easy, bi-directional tear for dressing applications. Hypoallergenic, breathable, easy bi-directional tear. Good initial and long-term adhesion (72 hours), easy to handle with gloves, water-resistant.*
*Suggested Applications:*
- *securing dressings to damp or dry skin*
- *taping fragile, at-risk skin*
- *when repeated taping is needed*
- *anchoring tubes and devices*
- *when tape width must be customized*

| GIMA code | 3M code | 3M™ TRANSPORE™ WHITE TAPE | Minimum order |
|---|---|---|---|
| 34950 | 1534-0 | 13 mm x 9.14 m | box of 24 |
| 34951 | 1534-1 | 25 mm x 9.14 m | box of 12 |
| 34952 | 1534-2 | 51 mm x 9.14 m | box of 6 |

# 3M™ SOFT-CAST™

***3M™ SOFT-CAST™ CASTING TAPE***
*A fiberglass casting tape that does not set to a completely rigid state, but remains flexible and soft even when it is completely cured.*
- *the soft, pliable cast edges improve patient comfort*
- *can be used in combination with rigid fiberglass splints, as soft edges provide additional comfort*

*Suggested Applications:*
- *sports Medicine: thumb, wrist and ankle sprains*
- *pediatric Orthopedics: serial casting for club foot treatment*
- *general Orthopedics: secondary casting, hybrid casting, corsets*
- *occupational Therapy: removable splints*

59663

| GIMA code | | | 3M code | 3M™ SOFT-CAST™ | Minimum order |
|---|---|---|---|---|---|
| White | Red | Blue | | | |
| 59650 | - | - | 82101 | 2.5 cm x 1.8 m | box of 10 |
| 59660 | 59662 | 59663 | 82102 | 5 cm x 3.65 m | box of 10 |
| 59670 | 59672 | 59673 | 82103 | 7.5 cm x 3.65 m | box of 10 |
| 59680 | 59682 | 59683 | 82104 | 10 cm x 3.65 m | box of 10 |

# 3M™ MICROFOAM™

***3M™ MICROFOAM™ SURGICAL TAPE***
*Highly conformable elastic foam tape that stretches for compression applications or securing dressings on challenging areas. Multi-directional stretch to accommodate swelling and promote comfort. Gentle, secure adhesion to irregularly contoured sites. Water-resistant. Hypoallergenic and not made with natural rubber latex.*

| GIMA code | 3M code | 3M™ MICROFOAM™ | Minimum order |
|---|---|---|---|
| 59710 | 1528-1 | 25 mm x 5 m | box of 12 |
| 59711 | 1528-2 | 50 mm x 5 m | box of 6 |

# 3M™ SYNTHETIC UNDER-CAST PADDING

***3M™ SYNTHETIC UNDER-CAST PADDING***
*Porous and highly conformable non-woven polyester padding. Strong, yet easy to tear.*
- *synthetic cast padding*
- *non-woven polyester padding which is porous, and highly conformable*
- *easy to tear*
- *suitable for use with all casting materials*

| GIMA code | 3M code | 3M™ UNDER-CAST PADDING | Minimum order |
|---|---|---|---|
| 59715 | MW02 | 5 cm x 2.7 m | box of 12 |
| 59716 | MW03 | 7.5 cm x 2.7 m | box of 12 |
| 59717 | MW04 | 10 cm x 2.7 m | box of 12 |
| 59718 | MW06 | 15 cm x 2.7 m | box of 12 |

## 100% COTTON WOOL

**100% COTTON WOOL**
Hydrophilic 100% cotton for sanitary and cosmetic use, hygiene, exudate absorption, non-injured skin disinfection.
Non-invasive Class I Medical device.
Non sterile.
Multilingual pack: GB, FR, IT, DE, ES, FI, GR, HR, PL, PT, RO, SE.

| GIMA code | COTTON WOOL | Type | Closing laces | Minimum order |
|---|---|---|---|---|
| **34831** | Cotton wool 100 g | Z folded | yes | box of 100 packs |
| **34834** | Cotton wool 250 g | Z folded | yes | box of 40 packs |
| **34835** | Cotton wool 500 g | Z folded | - | box of 20 packs |
| **34838** | Cotton wool 1000 g | roll | - | box of 10 packs |
| **34839** | Cotton wool 1000 g | Z folded | - | box of 10 packs |

## HYDROGEN PEROXIDE

- **36604 OXYGENATED WATER (Hydrogen peroxide) - 250 ml - box of 12**
- **36605 OXYGENATED WATER (Hydrogen peroxide) - 1 l - box of 12**

Hydrogen peroxide (3% diluted solution) 10 volumes.
Clear solution, colourless.
Multilanguage label:
GB, FR, IT, ES.
Made in Italy.

**CHEMICAL COMPOSITION**

| | |
|---|---|
| Hydrogen peroxide: | ≥3% (10 vol.) |
| Water: | ≤96.999% |
| Stabilizer: | 0.001% |

## GERMOCID TEC

- **36681 GERMOCID TEC - 750 ml**

Foaming disinfectant cleaner for non-invasive medical devices used in tattoo studios, clinics, hospitals, beauty shops. Suitable for **sensitive surfaces** where you can't use alcohol based disinfectants. It is a safe product, it dries quickly, does not stain and leaves no streaks. Ready-to-use spray that cleans and, thanks to the synergic action of the Quaternary Ammonium Salt with Orthophenylphenol, disinfects from bacteria, yeast, fungi, moulds, TBC, viruses (including HIV, HBV and HCV), Adenovirus and Poliovirus.

- **36682 VAPORIZER - optional**

**CHEMICAL COMPOSITION**

| | |
|---|---|
| 100 g of product contain: | Benzalkonium Chloride; O-phenylphenol; coformulants; depurated water as needed to 100 g; |
| Product form: | Colourless liquid with citron perfume |

## SEPTI SAVON

- **36674 SEPTI SAVON - 250 ml - box of 12**

Septi Savon is a 5.5 pH soap with antibacterial agents that prevents and eliminates unpleasant odours. The presence of orthophenylphenol and Benzalkonium chloride guarantees a sanitizing and antibacterial action. Delicate on the skin, it can be used for total body shower and for children. Its neutral formula, enriched by glycerine, helps to maintain normal equilibrium of skin and prevents dehydration even after repeated washing.

## ALCOHOL SWABSTICKS

- **36603 ALCOHOL SWABSTICKS - box of 16**

Practical swabstick soak with isopropyl alcohol ready for use. Comes in a protected convenient breakable stick shell with dimension 75x8 mm. Safe for the nurses who does not touch directly the stick neither the alcohol. Suitable for cleaning and disinfection of minor wound care, skin cleaning and disinfection before injection, infusion and transfusion.

## DOSASOAP NO-TOUCH HAND-WASH SYSTEM

- **36677 DOSASOAP NO-TOUCH HAND WASH SYSTEM - white**

Dosasoap is a no-touch dispenser for antiseptics, convenient for detergents, liquid soaps and gels. Equipped with sensor that detects hand movements, it dispenses the product in a comfortable way.
Dosasoap ensures a rapid and safe hand hygiene, without any contact with the dispenser and unnecessary waste.
Suitable for using with 1 litre bottles (36671, 36672).

- **36678 PUMP FOR DOSASOAP - spare**

## FUNNY CAPS - MADE IN ITALY

Wide range of patterns to meet all healthcare professionals needs. Light and comfortable, provided with adjustable laces. Available in two sizes: medium size (M), suggested for men and women with short or medium-long hair; large size (L), suggested for women with long, curly hair. 100% high quality pure cotton, highly breathable surgical caps. MD Class I

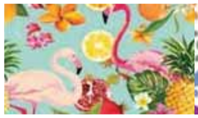
**OTHER PATTERNS ON REQUEST**
Select pattern from
https://123rf.com/clipart-vector/
- **20800 FUNNY CAP - M - other patterns**
- **20900 FUNNY CAP - L - other patterns**

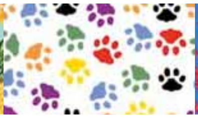
Minimum order 200 pieces. Available in 30 days.

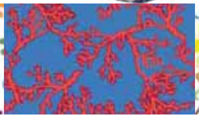
20827

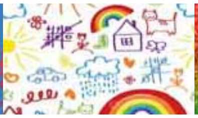
20816

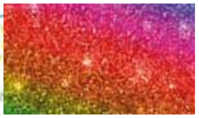
20903

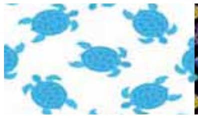

- 20801 FLAMINGO - M
- 20901 FLAMINGO - L

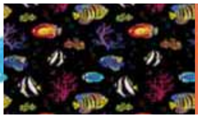

- 20802 FOOTSTEP - M
- 20902 FOOTSTEP - L

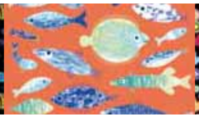

- 20803 CORAL - M
- 20903 CORAL - L

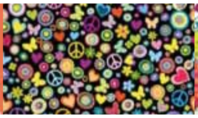

- 20804 CHILDREN - M
- 20904 CHILDREN - L

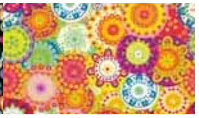

- 20805 BRIGHT - M
- 20905 BRIGHT - L

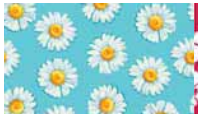

- 20806 TURTLE - M

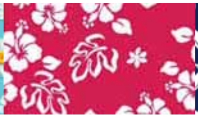

- 20807 REEF - M

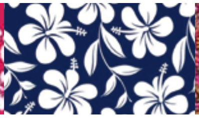

- 20808 FISH - M

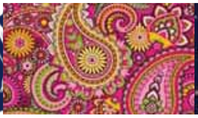

- 20809 PEACE - M

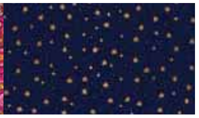

- 20810 COLOUR - M

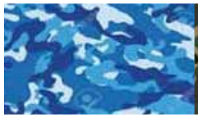

- 20811 DAISY - M

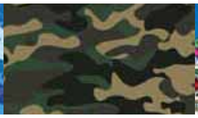

- 20812 TROPICAL - M

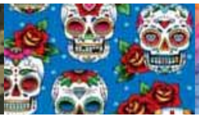

- 20813 HAWAII - M

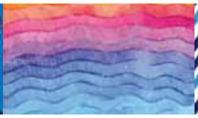

- 20814 CASHMERE - M

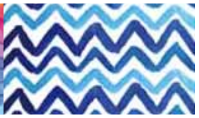

- 20815 STARS - M

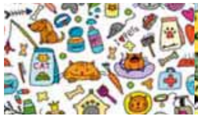

- 20816 MILITARY - blue - M

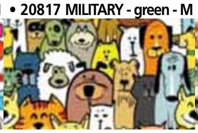

- 20817 MILITARY - green - M

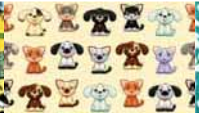

- 20818 SKULL - M

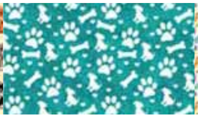

- 20819 RAINBOW - M

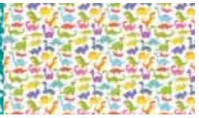

- 20820 WAVE - M

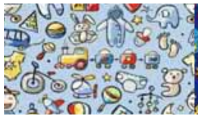

- 20821 SMILE PET - M

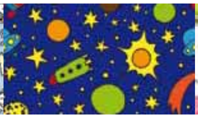

- 20822 DOG - M

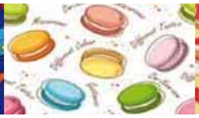

- 20823 PET - M

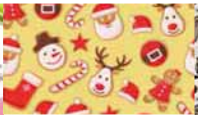

- 20824 VETERINARY - M

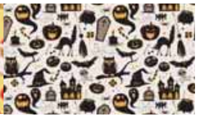

- 20825 DINO - M

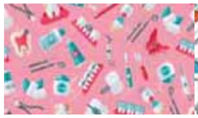

- 20826 TOY - M

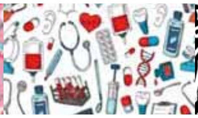

- 20827 SPACE - M

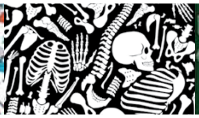

- 20828 MACARONES - M

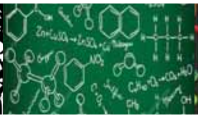

- 20829 CHRISTMAS - M

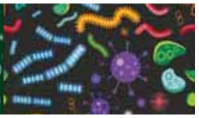

- 20830 HALLOWEEN


- 20831 DENTAL - M


- 20832 MEDICAL - M


- 20833 SKELETON - M


- 20834 CHEMICAL - M


- 20835 BIOLOGY - M

## SURGICAL CAPS - MADE IN ITALY

Cotton surgical patterned or green caps.
- **26166 GREEN CAP**
- **26165 FANTASY CAP - light blue**
- **26167 FANTASY CAP - beige**
- **26168 FANTASY CAP - red**

Other colour on request. Minimum order 1,000 pieces.

26165

26166

26167

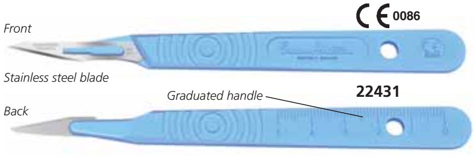
26168

# INDEX

We declare that some products labelled with GIMA brand are not produced by us but by third companies under our label.

## SWANN-MORTON DISPOSABLE BLADES, SCALPELS AND STITCH CUTTERS

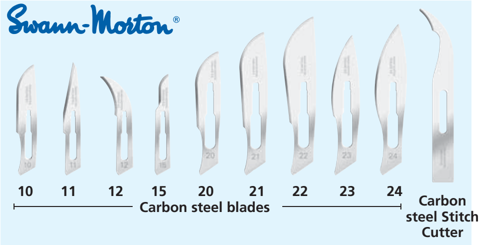
**SWANN-MORTON DISPOSABLE BLADES AND SCALPELS**
Swann-Morton blades and scalpels are renowned their exceptional quality, precision, consistency and reliability. Swann-Morton manufactures in the UK using high quality steel that gives exceptional cutting performance. They operate stringent quality control procedures which ensure unrivalled blade consistency and reliability. This is why Swann-Morton is the preferred choice of many medical professionals worldwide



Plastic handle scalpels with stainless steel blades, individually packed in sterilized envelope in box of 10 pcs.
Multilanguage box: GB, FR, IT, ES, DE, DK, NL, GR, PT, PL, FI, RU, NO, SE.

| GIMA code | SWANN-MORTON SCALPELS WITH STAINLESS STEEL BLADE | Minimum order |
|---|---|---|
| **22430** | Disposable scalpels - blade 10 - sterile | box of 10 |
| **22431** | Disposable scalpels - blade 11 - sterile | box of 10 |
| **22432** | Disposable scalpels - blade 12 - sterile | box of 10 |
| **22433** | Disposable scalpels - blade 15 - sterile | box of 10 |
| **22435** | Disposable scalpels - blade 20 - sterile | box of 10 |
| **22436** | Disposable scalpels - blade 21 - sterile | box of 10 |
| **22437** | Disposable scalpels - blade 22 - sterile | box of 10 |
| **22438** | Disposable scalpels - blade 23 - sterile | box of 10 |
| **22439** | Disposable scalpels - blade 24 - sterile | box of 10 |

| GIMA code | SWANN-MORTON S/S HANDLES | Compatibility |
|---|---|---|
| **22425** | Graduated S/S n° 3 handle | Fits blades 10, 11, 12, 15 |
| **22426** | Graduated S/S n° 4 handle | Fits blades 20, 21, 22, 23, 24 |

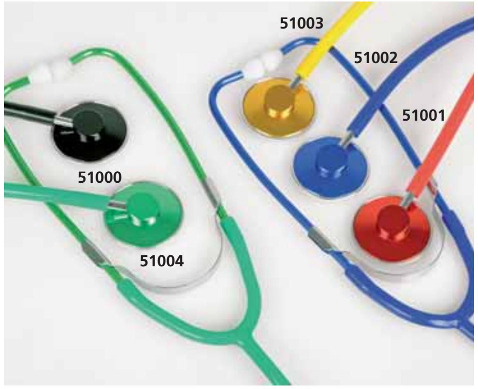


Carbon steel blades individually packed in metal foil and box of 100.

| GIMA code | SWANN-MORTON CARBON STEEL BLADES - STERILE - box of 100 | | |
|---|---|---|---|
| **22400** | Blade 10 | | *Multilanguage box: GB, FR, IT, ES, DE, DK, NL, GR, PT, PL, FI, RU, NO, SE* |
| **22401** | Blade 11 | | |
| **22402** | Blade 12 | | |
| **22403** | Blade 15 | | |
| **22405** | Blade 20 | | |
| **22406** | Blade 21 | | |
| **22407** | Blade 22 | | |
| **22408** | Blade 23 | | |
| **22409** | Blade 24 | | |

| GIMA code | CARBON STEEL STITCH CUTTER BLADE - STERILE | Minimum order |
|---|---|---|
| **22420** | Carbon steel stitch cutter blade | box of 100 |

## COLOURED TRAD STETHOSCOPES



**COLOURED TRAD STETHOSCOPES**
Coloured aluminium stethoscopes, lightweight and reliable.
Chestpiece diaphragm Ø 43.5 mm, bell Ø 30 mm external sizes.
Brass binaural.
Tubing: length 62 cm, int. Ø 4 mm, ext. Ø 8 mm.
Supplied in cardboard box.
Manual and box in 11 languages: GB, FR, IT, ES, DE, PT, GR, PL, HU, SE, Arabic.

| GIMA code | COLOURED TRAD STETHOSCOPES - LATEX FREE | |
|---|---|---|
| **51000** | TRAD single head - black | ⬛ |
| **51001** | TRAD single head - red | 🟥 |
| **51002** | TRAD single head - blue | 🟦 |
| **51003** | TRAD single head - yellow | 🟨 |
| **51004** | TRAD single head - green | 🟩 |
| **51010** | TRAD double head - black | ⬛ |
| **51011** | TRAD double head - red | 🟥 |
| **51012** | TRAD double head - blue | 🟦 |

## VALUE EXAMINATION COUCHES

- **44450 VALUE EXAMINATION COUCH - white painted - black**
- **44451 VALUE EXAMINATION COUCH - white painted - white**
- **44455 VALUE EXAMINATION COUCH - chrome - blue**
- **44456 VALUE EXAMINATION COUCH - chrome - beige**

Suitable for medical practices or small surgeries.
Easy to assemble. Multilanguage manual (GB, FR, IT, ES).
Comes complete with mattress.
Top is made with wooden panel and foam rubber and covered with washable simulated leather Class 1.
Two sections: one fixed 130x61xh 5.5 cm and one adjustable (backrest) 50x61xh 5.5 cm
Couch size: 180x61x h 75 cm. Weight 29 kg.
Maximum load: 100 kg.
Delivered in kit form. Made in Italy.

- **27418 COUCH ROLL HOLDER - optional**

**STOOLS: see at page 141**

## LAERDAL LITTLE FAMILY PACK

- **56511 LAERDAL LITTLE FAMILY PACK - 125-01050**

All-in-one, realistic and inexpertive quality training. A little family with a focus on quality CPR. The Little Family Pack provides quality CPR training at an affordable price. Designed to reflect the realistic anatomical differences among an adult, a child and an infant. It comes complete with: **Little Anne Manikin** (manikin, training mat, 2 faces, 2 airways, 6 manikin wipes), **Little Junior Manikin** (manikin, training mat, 2 faces, 2 airways, manikin wipes), **Baby Anne** (manikin, training mat, 6 airways, 10 foreign body practice objects) and a large bag on wheels to carry them.

- **56510 LAERDAL LITTLE ANNE - 120-01050**

**56511** *(3 manikins)*

## LAERDAL RESUSCI ANNE

- **56520 LAERDAL RESUSCI ANNE FIRST AID FULL BODY - 170-01250**
- **56522 LAERDAL RESUSCI ANNE QCPR FULL BODY - 171-01250**

The Resusci Anne manikins offer optimal realism for basic adult CPR training.
Resusci Anne **QCPR** allows multiple **feed back options** that provide opportunity to focus on learner competency:
- measures CPR performance
- assess the results of the performance
- facilitate good feed back to the instructor

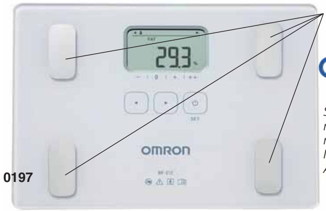
Supplied with full body manikin (foam legs), 3 decorated resusci manikin faces, 2 disposable airways, trolley suitcase, kneel mat, jacket, pants, 50 resusci manikin wipes, user guide, Skill guide (only 56522), USB cables (only 56522)

**56520, 56522**

## BODY COMPOSITION MONITOR

- **27092 OMRON BF212 BODY COMPOSITION MONITOR**

Measures and displays the following body composition parameters: body weight, body fat (in %) and Body Mass Index (BMI). The 4-sensor technology provides clinically validated body measurements.
It measures the body fat percentage by Bioelectrical impedance (Bi).


**27092**

*Supplied with multilanguage manual (GB, FR, IT, ES, DE, NL, RU, Arabic)*

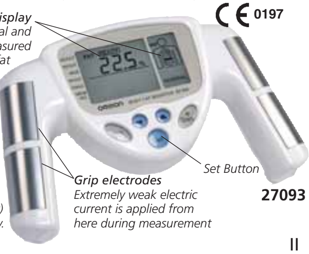
CE 0197

## BODY FAT MONITOR

- **27093 OMRON NBF-306 BODY FAT MONITOR**

Measures body fat percentage, Basal Metabolic Rate (BMR), assessment of body fat percentage and Body Mass Index (BMI) with graphical interpretation of body type.
The body fat percentage is measured based on the electric resistance and the personal data.
The measured results are displayed approximately 7 seconds after setting data.

CE 0197


**27093**
***Display***
*Easy to read large digital and graphic displays: the measured results based on body fat percentage, BMR and BMI calculations are displayed, as well as their interpretations and body fat percentage assessment.*
***Memory***
*Memory can store personal data (height, weight, age and gender) of up to 9 people simultaneously.*
***Grip electrodes***
*Extremely weak electric current is applied from here during measurement*
*Set Button*
22.5

## OXY 2 PULSE-OXIMETER

- **35072 OXY 2 PULSE OXIMETER**

Pulse Oximeter for measuring pulse oxygen saturation and pulse rate through finger.
Suitable for domiciliar and professional use in family, hospital, oxygen bar, community healthcare, physical care in sports.
It can be used before or after sports, but not recommended throughout.

- $SpO_2$ value display
- pulse rate value display, bar graph display
- low-voltage indicator
- automatical power off the unit will automatically switch off within 5 seconds if the finger falls out of probe

**TECHNICAL SPECIFICATIONS**

Display mode: LED display
$SpO_2$ measuring range: 0 - 100%, (resolution 1%)
Accuracy: 70 - 100%: ± 2%, below 70% unspecified
PR measuring range: 30 - 250 bpm, (resolution 1 bpm)
Accuracy: ± 2 bpm or ± 2% (select larger)
Measurement performance in weak filling condition: $SpO_2$ and pulse rate can be shown correctly when pulse-filling ratio is 0.4%. $SpO_2$ error is ± 4%, pulse rate error is ±2 bpm or ±2% (select larger)
Power consumption: less than 25 mA
Voltage: DC 2.6 V - 3.6 V
Battery working hour: two batteries can work continually for 24 hours
Safety Type: Interior Battery, BF Type
Dimension - weight: 60x30.5xh 32.5 mm - 50 g including two batteries

**35072**

## ASPEED 3.0 PROFESSIONAL SINGLE PUMP ASPIRATOR

- **28279 ASPEED 3.0 ASPIRATOR 15 l/min**

Portable, compact reliable aspirator ideal for small surgery.
Piston type continuous cycle electric medical device.
High vacuum low flow. It requires no maintenance or lubrification. Made in Italy.

**STANDARD ACCESSORIES**

Autoclavable policarbonate jar 1,000 cc with safety valve (overflow protection)
Disposable suction liner 1 l
99% Antibacterial hydrophobic filter
Sterile disposable cannula
Sterile manual flow regulator
Set of atoxic sterilizable silicone tubes
Power Cable
User Manual GB, FR, IT, DE, ES

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Operating voltage: | 230 V - 50 Hz |
| Power consumption: | max 140 VA |
| Bottle capacity: | 1 l |
| High vacuum: | low flow |
| Air flow: | 15 l/min |
| Adjustable vacuum level: | 0÷ -0.85 bar (0÷ -85 kPa) |
| Size: | 300x170xh 160 mm |
| Weight: | 2.5 kg |
| Noise level: | 60 dBA |
| Operating cycle: | continuously |
| Class - Type: | II - BF |

**28279**

| GIMA code | ACCESSORIES AND SPARES FOR ASPEED |
|---|---|
| **28255** | Hydrophobic 99% bacterial filter |
| **28258** | Autoclavable jar 1l with cover |
| **28259** | Disposable suction liner |
| **25480** | Silicone tube 6x12 mm - roll of 30 m |
| **28254** | Adaptor to connect catheter to silicone tube |

## VEGA PLUS PROFESSIONAL SUCTION ASPIRATOR

- **28170 VEGA PLUS SUCTION ASPIRATOR 40 l/min**

Professional aspirator for hospital use: tracheotomy, small surgery and post-operatory treatments. Silent, high-flow and maintenance-free pump allow long product life and durability. Recommended for nasal aspiration, oral aspiration, tracheal aspiration of body liquids (mucus, catarrh or blood) in adults or children. For use with 1 or 2 jars. Made in Italy.

**STANDARD ACCESSORIES**

Autoclavable jar (1 l) with overflow valve system
Antibacterial and hydrophobic filter
Set of silicone tubes 6x10 mm
Suction catheter CH20
Conical connector for probes
Power cable (Schuko)
5 languages user manual (GB, FR, IT, DE, ES)

**28170 + 28171 + 28226**

**28170**

| GIMA code | ACCESSORIES AND SPARES FOR VEGA PLUS |
|---|---|
| **28229** | Hydrophobic, 99% antibacterial filter |
| **28226** | 121°C autoclavable jar 1 l with cover and overflow system |
| **28227** | Cover and overflow valve system for 28226 |
| **28185** | 134°C autoclavable jar 1 l with cover and overflow system |
| **28184** | Cover and overflow valve system for 28185 |
| **28271** | Disposable liner 1 l (cover + bag) |
| **28270** | Container for disposable liner 1 l |
| **28171** | Holder for second autoclavable jar (28226) |
| **28172** | Holder for disposable liner (28271) |

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Operating voltage: | 220-230 V - 50/60 Hz |
| Power consumption: | max 110 VA |
| Bottle capacity: | 1 l |
| Air flow: | 40 l/min |
| Max suction: | - 0.80 bar |
| Size: | |
| Weight: | 3.6 kg |
| Operating cycle: | continuous |
| Class - Type: | II - BF |

# SPENCER 170 AND 190 NXT ELECTRONIC VENTILATORS

- **34006 SPENCER 170 NXT ELECTRONIC VENTILATOR**
- **34007 SPENCER 170 NXT KOMPAK ELECTRONIC VENTILATOR**
- **34009 SPENCER 190 NXT ELECTRONIC VENTILATOR**

Electronic lung ventilators for non invasive ventilation of adult and pediatric patients
- protection against accidental activation of the AIR mix selection lever
- colour coded manometer for easy identification of pressure ranges
- positioning of input and output ports on the side of the device, make connecting and disconnecting easier and offer greater protection to the elements connected to the device
- control knobs on high contrast background for a better identification of the set values
- compact, lightweight aluminium frame
- place and shape of adjustment knobs make the setting of parameters easier in all operative conditions
- constant I/E ratio
- alarms for ventilation monitoring and device management

**Ventilator 190 NXT also features:**
- led bar for breath monitoring
- three ventilation modes (only one for 34006-7)
  CMV: mandatory inflation is initiated according to the set parameters
  TVM: inflation initiated according to the set parameters only if triggered by the patient
  A/CV: inflation is assured to be initiated at intervals determined by the set rate, unless initiated by an earlier patient trigger event.

Made in Italy.

**Kompak ventilator with transport case.**
Transport case containing ventilator, oxygen cylinder with pressure regulator ready to use.

- **34035 CORRUGATED PVC TUBE - 117 cm**
- **34036 PATIENT CIRCUIT (valve+corrugated tube)**
- **34037 BATTERY - spare**

34006

34009

<table>
<tr><th>TECHNICAL SPECIFICATIONS</th><th>34006-7</th><th>34009</th></tr>
<tr><td>Drive:</td><td colspan="2">Electronic</td></tr>
<tr><td>Frequency:</td><td colspan="2">from 5 to 40 BPM</td></tr>
<tr><td>Alarms:</td><td>High pressure<br>-<br>-<br>Pneumatic supply<br>Low battery</td><td>High pressure<br>Low pressure<br>Apnea<br>Pneumatic supply<br>Low battery</td></tr>
<tr><td>Flow:</td><td colspan="2">2 to 20 l/min</td></tr>
<tr><td>I/E Ratio:</td><td>1:2</td><td>1:2</td></tr>
<tr><td>Oxygen concentration:</td><td colspan="2">60% or 100% Patented system</td></tr>
<tr><td>Trigger</td><td>-</td><td>from -12 to -2 mbar</td></tr>
<tr><td>Overpressure valve:</td><td colspan="2">20-60 cm $H_2O$ - adjustable</td></tr>
<tr><td>Battery operating time:</td><td colspan="2">Approx. 3 hours</td></tr>
<tr><td>Manometer scale:</td><td colspan="2">-20 to +80 mbar</td></tr>
<tr><td>IP protection:</td><td>IP24</td><td>IP24</td></tr>
<tr><td>Non re-breathing valve:</td><td colspan="2">60 cm $H_2O$</td></tr>
<tr><td>Pneumatic supply:</td><td colspan="2">from 280 to 600 kPa</td></tr>
<tr><td>Pneumatic connection:</td><td>UNI</td><td>UNI</td></tr>
<tr><td>External source:</td><td colspan="2">12 V DC<br>on request AC/DC adapter 100-240 V, 50/60 Hz</td></tr>
<tr><td>Internal source:</td><td colspan="2">Rechargeable Ni-Mh battery</td></tr>
<tr><td>Dimensions:</td><td>270x177x210 mm</td><td>330x177x210</td></tr>
<tr><td>Weight:</td><td>3.5 kg</td><td>3.6 kg</td></tr>
<tr><td>Structure:</td><td colspan="2">Aluminium, steel, brass, PE</td></tr>
</table>

**STANDARD ACCESSORIES**

Patient circuit (corrugated tubing with non re-breathing valve)
Power cable
Oxygen tube
Manual: GB, IT, on request FR, ES, DE, PT
2 l oxygen cylinder, pressure reducer, transport case (34007 only)
Adult face-mask
Battery
UNI adaptor

# SPENCER 118 NXT PNEUMATIC LUNG VENTILATOR

- **34016 SPENCER 118 NXT AUTOMATIC VENTILATOR**
- **34017 SPENCER 118 NXT KOMPAK AUTOMATIC VENTILATOR**

Pneumatic lung ventilator for non-invasive ventilation of adult and pediatric patients. The pneumatic mode of operation allows a significant reduction of maintenance costs associated with the requirements of electrical safety regulations. Total absence of electrical shock risks generated by the device. Protections against accidental activation of power and AIR MIX levers. Colour coded manovacuometer for an immediate display of the pressure in the patient circuit. Lateral positioning of the medical gas input and output, makes the connection and disconnection easier and offers greater protection for the elements connected to the device. Adjustment knobs on high-contrast background allows a better identification of settings. Small, lightweight aluminium body. Positioning and shape of the adjustment knobs facilitate the setting of the ventilation parameters in all operating conditions. The non-constant I/E ratio makes the management of the ventilation more versatile. The presence of one ventilation mode makes it simple and easy to operate. Equipped with alarms required by the EN 794-3 standard.

Class IIb Med. Device according to Dir. 93/42/CEE. Made in Italy.

**Kompak ventilator with transport case.**
Transport case containing ventilator, oxygen cylinder with pressure regulator ready to use.

- **34035 CORRUGATED PVC TUBE - 117 cm**
- **34036 PATIENT CIRCUIT (valve+corrugated tube)**

34016

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Drive | 100% pneumatic |
| Ventilation mode | Controlled (VC - CMV) |
| Respiration frequency | 10 to 70 breaths/min. |
| Inspiratory-expiratory phase time I:E | 1:2.0 ±0.3 at 10 bpm - 1:1.5 ±0.3 at 70 bpm |
| Frequency: | 10 to 70 bpm |
| Flow | 2 to 20 l/min adjustable |
| Oxygen concentration | From 60 or 100% |
| Safety valve | From 20 to 60 mbar |
| Monovacuometer precision: | 1.6 |
| Manovacuometer scale | -20 to +80 mbar |
| High pressure alarm | 60 ±5 mbar |
| Non-rebreathing valve | Autoclavable, 60 cm $H_2O$ |
| Input connection | UNI |
| Input pressure | 280 to 600 kPa |
| Dimensions - weight | 270x210xh 177 mm - 3.8 kg |
| Structure | aluminium, steel, brass, PE |

**STANDARD ACCESSORIES**

Patient circuit (corrugated tubing with non re-breathing valve)
Oxygen tube 100 cm - UNI adaptor
Pressure reducer (34017 only)
Adult face-mask
2 l oxygen cylinder (34017 only)
Transport case (34017 only)
Antibacterial filter
Guedel cannula, tongue holder (34017 only)
Manual: GB, IT, on request FR, ES, DE, PT

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# iHEALTH WIRELESS PERSONAL HEALTHCARE PRODUCTS

## iHEALTH MYVITALS APP - free

- **track data**, graphs and history on the iHealth MyVitals App
- **multi-patient App** (automatically sort measurements data per users)
- **free and secure data storage**
- **share results** with your coach and friends or healthcare professional

To manage wireless:

1. **iHEALTH PULSE OXIMETER**
2. **iHEALTH BODY ACTIVITY TRACKER**
3. **iHEALTH B.P. MONITOR - ARM**
4. **iHEALTH B.P. MONITOR - WRIST**
5. **iHEALTH SCALE**
6. **iHEALTH BODY ANALYSIS SCALE** (9 parameters)

**iHEALTH products to manage your personal health**
iHealth designs innovative, mobile personal healthcare products for everyone. iHealth wireless products with **Bluetooth** connectivity for iPad, iPhone, iPod and Android system, allow to easily measure and track personal data and share instantly with family or doctor.
The powerful **iHealth MyVitals App** will also allow to manage all your health data with custom graphs, statistics, trends.
This unique application **tracks the relation between various parameters** such as blood pressure, weight, calorie intake and activities.
App compatible with all Apple and Android platforms.
Includes a free iHealth Cloud service.
iHealth MyVitals App available in: GB, FR, IT, ES, DE, NL, GR, HU, PT, RO, RU, TR, JP, KR, CN, AR.
Product package and manual in 8 languages (GB, FR, IT, ES, DE, PT, NL, GR). All products have 2 years warranty.

*See the list of compatible devices on ihealthlabs.eu/support*

## 1 iHEALTH AIR PULSE OXIMETER

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Classification: | Internally powered, type BF |
| Display System: | LED |
| Power: | Battery, 3.7 V Li-ion, 300 mAh |
| $SpO_2$ Measuring Range: | 70-99%, ±2% |
| Pulse Rate Measuring Range: | 30-250 bpm, ±2 bpm or ±2% larger one |
| Size: | 62x33x28 mm |

- **23525 iHEALTH AIR - WIRELESS PULSE OXIMETER**

The Pulse Oximeter is a reliable way to spot-check blood oxygen saturation ($SpO_2$) pulse rate (bpm) and volume of blood flow (perfusion index).
This lightweight and portable device takes fast, non invasive measurements at the fingertip.
- measures your blood oxygen saturation and pulse rate from your mobile device
- records $SpO_2$ and pulse rate
- easy-to-read LED screen displays $SpO_2$, pulse rate and perfusion index
- connects wirelessly via Bluetooth 4.0 with low energy technology
- free iHealth app and cloud service include personalized health tools

Supplied with lanyard and USB charging cable.

## 2 iHEALTH BODY ACTIVITY TRACKER - WRIST/BELT

- **23531 iHEALTH EDGE WIRELESS ACTIVITY AND SLEEP TRACKER**
- **23532 iHEALTH WAVE WIRELESS ACTIVITY SWIM AND SLEEP TRACKER**

Activity and sleep tracker make it easy to monitor your health. It allows to know your body in motion and at rest and to track your vital signs any time any place.
This innovative device can be worn either as a watch (wrist band) or as a belt-clip (only 23531).
Sweat and rain proof (23531) or waterproof (23532).

**iHEALTH activity tracker features:**
- track steps, distance, swim, calories burned and monitor sleep
- swimming styles recognition (freestyle, breaststroke...) only 23532
- display swimming laps and time, number of strokes and calories burned (only 23532)
- programmable vibrating alarm function
- display time and date
- automatic on screen reports after running, walking, swimming (only 23532), sleeping
- Bluetooth Sync, easy installation

**iHEALTH MyVitals App:**
Connects wirelessly via Bluetooth 4.0 technology.

23532

*For iOS and Android version 4.4 +*
*See the list of compatible devices on ihealthlabs.eu/support*

Battery: 1x3.7V Li-Ion 100 mAh - 3 years life.
Supplied with 2 wrist bands (23532: blue and black) or 4 wrist bands (23531: black, grey, orange, pink) belt-clips (only 23531) batteries and USB cable for charging.
Manual and box in: GB, FR, IT, ES, DE, PT, NL, GR.

# iHEALTH WIRELESS PERSONAL HEALTHCARE PRODUCTS

## 3 iHEALTH CLEAR SMART ARM B.P. MONITOR - WI-FI

- **23490 iHEALTH CLEAR SMART ARM B.P.M.**
- clinically validated blood pressure (ESH)
- universal cuff (22 - 42cm)
- large HD screen which displays results clearly
- stores up to 1,000x2 offline measurements
- automatically save all measurement in your **MyVitals app** account (Wi-Fi)
- indoor/outdoor temperature to prevent blood pressure variations

**TECHNICAL SPECIFICATIONS**

Connectivity: Wifi IEEE802.b/g/n
Dimensions: 119×118×51 mm
Cuff circumference: 22-42cm
Weight: 350g (excluding cuff)
Measuring method: Oscillometric, with automatic inflation and deflation
Battery: 1x3.7V Li-ion 2200mAh
Battery life: 180 measurement on a full charge
Range: Sys: 60-260mmHg / Dia: 40-199mmHg
Pulse: 40-180bts/min

CE 0197

23490

## 3 iHEALTH TRACK CONNECTED ARM BLOOD PRESSURE MONITOR

CE 0197

iHealth MyVitals

ESH European Society Hypertension

*Dual use: traditional use or use with smartphone*

*For iOS and Android version 4.4 +*
*See the list of compatible devices on ihealthlabs.eu/support*

- **23499 iHEALTH TRACK CONNECTED ARM B.P.M.**
- clinically validated blood pressure (ESH)
- systolic, diastolic and heart rate (number of beats per minute)
- evaluation of measurements as recommended by the WHO
- detection of arrhythmia
- universal cuff (22-42 cm)
- colour changing display
- easy to use and comfortable
- 60 memories
- one-Click: save all your measurements in your MyVitals App account

Multilanguage box and manual: GB, FR, IT, ES, DE, GR, PT, NL.

**iHEALTH MyVitals App:**
- track data, graphs and history on the iHealth MyVitals App
- add measurement reminders, free and secure data storage
- share results with friends or healthcare professionals

- **23497 ADULT CUFF - 22-42 cm - spare**
- **23498 OBESE CUFF - 30-48 cm**

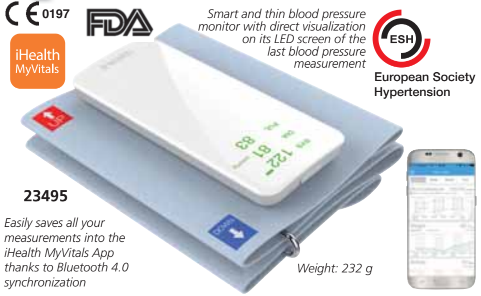
**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Connectivity: Bluetooth 4.0 | Power: 4x1.5V size AAA batteries |
| Size: 98x98x46 mm | Battery life: 250 measurements |
| Cuff circumference: 22-42 cm | Range: Sys: 60-260 mmHg,<br>Dia: 40-199 mmHg |
| Weight: 438 g (cuff + batteries included) | Pulse rate range: 40-180 bts/min |
| Measuring method: Oscillometric, with automatic inflation and deflation | |

## 3 iHEALTH ARM B.P. MONITORS

CE 0197

iHealth MyVitals



*Smart and thin blood pressure monitor with direct visualization on its LED screen of the last blood pressure measurement*

ESH European Society Hypertension

23495

*Easily saves all your measurements into the iHealth MyVitals App thanks to Bluetooth 4.0 synchronization*

*Weight: 232 g*

- **23500 iHEALTH BP5S ARM B.P. MONITOR - without display**
- **23495 iHEALTH NEO BP5S ARM B.P. MONITOR - with display - available March 2018**
- medically validated blood pressure monitors
- easy to read wide Backlit screen (only 23495)
- measurement of blood pressure (systolic, diastolic) and of heart rate (number of beats per minute)
- detection of arrhythmia
- multiple users and unlimited memories
- view historical readings and WHO classification

Multilanguage box and manual: GB, FR, IT, ES, DE, GR, PT, NL.

**TECHNICAL SPECIFICATIONS**

Connectivity: Bluetooth 3.0 (23500) 4.0 (23495)
Dimensions: 135x55x12 mm (23495), 145x58x30 mm (23500)
Screen dimensions: 30.4x27.8 mm (23495 only)
Cuff circumference: 22-42 cm
Measuring method: Oscillometric, with automatic inflation and deflation
Power: DC: 5 V, 1.0 A, 3.7 V, Li-ion battery
Range: Sys: 60-260 mmHg ±3 mmHg
Dia: 40-199 mmHg ±3 mmHg
Pulse: 40-180 bts/min

23500

## 4 iHEALTH WRIST B.P. MONITORS

CE 0197

ESH European Society Hypertension

iHealth MyVitals

23501 23502

*Motions Sensor Technology: does not allow to take BP in case BP monitor is not correctly positioned*

- **23501 iHEALTH SENSE BP7 WRIST B.P. MONITOR**
- **23502 iHEALTH VIEW BP7s WRIST B.P. MONITOR - with display**
- medically validated blood pressure monitor
- easy to read wide Backlit screen (only 23502)
- measurement of blood pressure (systolic, diastolic) and of heart rate (number of beats per minute)
- detection of arrhythmia
- best wrist position sensor for optimum measurement
- evaluation of measurements as recommended by the WHO*

Multilanguage box and manual: GB, FR, IT, ES, DE, GR, PT, NL.

**TECHNICAL SPECIFICATIONS**

Connectivity: Bluetooth 4.0
Dimensions: 72x74x17.6 mm Weight: 120 g
Screen dimensions: 44x26 mm
Cuff circumference: 13.5-22 cm
Measuring method: Oscillometric, with automatic inflation and deflation
Power: DC: 5 V, 1.0 A, 1x3.7 V, Li-ion 400 mAh
Range: Sys: 60-260 mmHg
Dia: 40-199 mmHg
Pulse: 40-180 bts/min

23502

*World Health Organization

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# iHEALTH WIRELESS PERSONAL HEALTHCARE PRODUCTS

## 5 iHEALTH LITE SCALE

*BMI function in the App*

23506

CE

*Switchable kg/lb*

iHealth MyVitals

- **23506 iHEALTH LITE HS4 WIRELESS SCALE**

A high quality design digital scale, with slim lightweight design and reliable tempered glass platform, iHealth scales work online and offline.
Thanks to the iHealth MyVitals App it is possible to view single readings or long term trends, track calories and daily activities, set target goals for weight management, organize records with personalized graphs and unlimited memories.

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Max weight capacity: | 180 kg (400 lbs) |
| Size: | 350x350x28.5 mm |
| Accuracy: | ±1% |
| Batteries: | 4x1.5 V AAA included |

## 6 iHEALTH CORE BODY ANALYSIS SCALE

CE

23508

iHealth MyVitals

Download on the App Store

GET IT ON Google play

*For iOS and Android version 4.0 +*
*See the list of compatible devices on ihealthlabs.eu/support*

- **23508 iHEALTH CORE HS6 WIRELESS BODY ANALYSIS SCALE**

Weight monitoring and body composition on iPhone, iPad and Android smartphone. It allows to:
- measure weight, BMI (Body Mass Index), lean, bone, muscle, water mass, body fat and visceral fat rating
- estimate daily caloric intake
- display room temperature and humidity
- track data, graphs and history on the iHealth MyVitals App
- define goals to stay motivated
- store unlimited measurements
- share your medical data with your healthcare professional or family

Wi-Fi Sync, easy installation.
Secure and free data storage.

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Connectivity: | Wi-Fi |
| Dimensions: | 350x350x28.5 mm |
| Weight: | 2,500 g |
| Battery: | 4 AAA batteries 1.5 V (included) |
| Range: | 5-180 kg |
| Accuracy: | ±1 % (50-180 kg) |

# iHEALTH GLUCOSE MONITORS - iHEALTH GLUCO APP

- **23510 iHEALTH GLUCO BG5 SMART GLUCOSE MONITOR KIT**
- **23514 iHEALTH GLUCO BG5 SMART GLUCOSE MONITOR**

Pocket sized, ergonomic wireless glucose monitor with advanced technology and high reliability. The Wireless Smart Gluco-Monitoring System is a convenient way to measure and record your blood glucose levels from your mobile device.
- view results instantly on the wireless meter
- save up to 500 test results on the wireless meter
- set up reminders and view glucose and insulin trends in multiple ways
- track test strip quantity and expiration dates automatically, no counting or coding required
- works on-line and off-line, with data automatically uploading at each connection.

Kit 23510 includes 10 test strips, 10 lancets, lancing device, control solution. Both include USB charging cable and travel case.

- **23509 iHEALTH ALIGN - BG1 GLUCOMETER**

Economic, button size model with advanced technology and good reliability. A convenient way to measure your blood glucose monitor and trasmit by your iPhone.

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Machine size: | 90×34.5×19 mm (23510-14) - 53x30x96 mm (23509) |
| Measuring method: | Amperometric technology using glucose oxidase |
| Result range: | 20 mg/dL~600 mg/dL (1.1 mmol/L~33.3 mmol/L) |
| Power source: | DC 3.6 V (23510-14) - DC 3.0, CR 1620 (23509) |
| Blood source: | Fresh capillary whole blood |
| Blood volume: | Min. 0.7 micro liter |

CE 0197

23510

*iHealth Gluco-Smart App. Available in GB, FR, IT, ES, DE, CZ, SK, HR, TR, IR, CN Arabic.*

23509

23509

*Ear phone universal plug compatible with any mobile*

| GIMA code | GLUCOSE MONITOR ACCESSORIES |
|---|---|
| 23511 | Glucose strips* - box of 25 |
| 23512 | Glucose strips* - box of 50 |
| 23916 | Lancets 28G - box of 100 |
| 23915 | Auto lancets device "On Call" |

**No coding strips: no need to calibrate glucometer any time. These strips are automatically identified by glucometer.*

# iHEALTH PRO THE APPLICATION FOR HEALTH PROFESSIONALS

## iHEALTH PROFESSIONAL APP - free

To manage wireless:

- 3 **iHEALTH B.P. MONITOR - ARM**
- 6 **iHEALTH BODY ANALYSIS SCALE** (9 parameters)
- 1 **iHEALTH PULSE OXIMETER**
- 7 **iHEALTH GLUCOSE MONITOR**
- 8 **iHEALTH CARDIOLAB**
- 9 **iHEALTH AMBULATORY B.P. MONITOR - 24 hours**

Bluetooth® FDA CE 0197

The iPad application for health professionals that enables to monitor patient health data. Use iHealth Pro allows:
- measure the vital signs of patients with connected iHealth health products
- create "patient files", and synchronize their health data in the iHealth Pro App
- integrate self-measurement data of patients from their iHealth My Vitals application in the iHealth Pro application
- follow and retain the measurements of patients using clear graphs and history
- generate reports in PDF format for printing and sharing with colleagues

All products have 2 years warranty.

## 8 iHEALTH CARDIOLAB WIRELESS CARDIOVASCULAR MONITORING SYSTEM (ABI)

*Cardiolab includes 2 pressure cuffs, USB cable and manual (GB, IT, FR, DE, ES, NL). Tablet not included.*

CE 0197

FDA

**• 23520 iHEALTH WIRELESS CARDIO LAB**

Cardiovascular and blood pressure monitoring system with multiple sensors that allow the user to make simultaneous measurements on several limbs in real-time. CardioLab measures ABI (ankle brachial index) and calculates other cardiovascular parameters such as MAP, PP, cardiac output and stroke volume. It provides a full cardiovascular risk assessment according to internationally recognized standards and provides users with an intuitive way of measuring ABI and other cardiovascular parameters and brings detailed vascular assessment within the reach of general practitioners.

**Early detection of peripheral arterial disease**

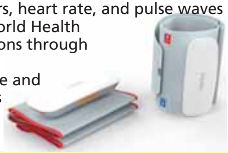
The ankle brachial index (ABI) is the best predictor of cardiovascular morbidity and mortality of heart attacks and strokes. It is an essential component for the screening, diagnosis and management of peripheral arterial disease (PAD). It offers a simple, rapid and cost-effective method for evaluation of the distal perfusion of lower and upper limbs. Cardio-Lab makes a measurement of ABI in less than 3 minutes and gives a fully comprehensive picture of the arterial state of the patient. The iHealth CardioLab is a simple, accurate and effective way of calculating the risk of strokes and heart attacks in routine medical examinations, is an excellent predictor of peripheral arterial disease (PAD) and should be used in routine examinations of patients.

**Track the vital signs of your patients in less than 3 minutes:**
- Blood pressure (SYS, DIA)
- Heart rate
- Pulse Pressure (PP)
- Stroke Volume (SV)
- Ankle Brachial Index (ABI)
- Arrhythmia detection
- Mean Arterial Pressure (MAP)
- Cardiac Output (CO)

**Intuitive iPad-driven software**

The iHealth CardioLab uses electronic palpation technology that combines all the advantages of manual palpation with the speed and accuracy of modern day electronics. It revives the art of palpation using direct oscillometric data obtained from the human body and translating it into a comprehensible format, measuring not only blood pressure, but also mean arterial pressure, pulse pressure, ankle brachial index, stroke volume and cardiac output.

**Track automatically. Know instantly.**
- Measure ABI and blood pressure directly from your iPad
- Record systolic/diastolic numbers, heart rate, and pulse waves
- View historical readings and World Health Organisation's (WHO) classifications through colourful, easy-to-read displays
- Generate custom graphs by date and time or systolic/diastolic numbers
- Share results instantly
- Unlimited users and memory



**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Classification: | Internally powered, Type BF applied part, IPX0, No AP or APG, continuous operation |
| Measuring method: | Oscillometric method, automatic inflation and measurement |
| Memory: | 9999 |
| Battery: | 1x3.7 V Li-Ion 400 mAh Power: DC: 5V 1.0A USB charge |
| Measurement range: | Cuff pressure: 0-300 mmHg ±3 mmHg<br>Systolic: 60-260 mmHg Diastolic: 40-199 mmHg<br>Pulse rate: 40-180 beats/minutes ±5% |
| Cuff size: | 145x58x30 mm Weight: 135 g |
| Cuff circumference: | 22-42 cm (universal cuff) |
| Wireless communication: | Bluetooth V3.0 + EDR Class 2 SPP<br>Frequency band: 2.402-2.480 GHz |

## 9 iHEALTH CARDIOMED - 24 h

**• 23536 iHEALTH CARDIOMED - 24h ABPM**
- measurement at regular intervals of blood pressure (systolic, diastolic) and heart rate (number of beats per minute)
- detection of arrhythmia
- up to 24h monitoring
- universal cuff (22-42cm)
- thin, light and forgettable
- activity and posture detection during measurements
- Bluetooth sync
- secure and free data storage
- import your patient home-monitoring data into the iHealth PRO App

Supplied with USB cable and manual (GB, FR, IT, ES, DE).

CE 0197

**TECHNICAL SPECIFICATIONS**

Connectivity: Bluetooth 4.0 / Micro-usb
Dimensions: 135.5x55x12 mm Weight: 110 g
Memory slots: 1x200
Measurement method: Oscillometric
Measurement range: 300 mmHg, 40-180 pulse/min Accuracy: ±3mmHg, ±5%
Power Source: 1x3.7 V Li-ion 800 mAh

**23536**

# GLUCOSE MONITORS FOR DAILY DIABETES TESTING

iHealth Bluetooth® glucose monitor - see page 3

Advanced technology glucose monitors. Available as unit only or complete kit.
Kit includes 10 strips, code chip, control solution, 10 sterile lancets, lancet device, clear cap (for testing on forearm or palm), carrying case, user manual.

CE 0123

Main features:
- accurate result in just 5 seconds
- only 0.5 µl sample size
- automatic calibration with code chip
- plasma calibration results
- advanced data management with 7, 14, 30 days average
- affordable for frequent monitoring
- flexibility to test on the forearm, palm or fingertip
- certified ISO 15197:2013

- BIOSENSOR TECHNOLOGY
- 5 SECOND TEST TIME
- ONLY 0.5 µL BLOOD SAMPLE

*Easy sample application with capillary action*

**23891**

*Easy calibration with chip PLASMA calibration results*

**23896**

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Measurement Range | 20 to 600 mg/dL or 1.1 to 33.3 mmol/L |
| Sample Sites - Size | Finger tips, Forearm or palm - 0.5 µL |
| Test Time | Approximately 5 seconds |
| Power Source | One 2032 or equivalent 3.0 V coin cell battery |
| Battery Life | 12 months or approximately 1,000 tests |
| Memory | Up to 300 records with time and date |

| mg/dL | | | mmol/L | ON CALL® PLUS II GLUCOSE MONITOR |
|---|---|---|---|---|
| Italian<br>Greek | English<br>French | Spanish<br>Portuguese | English<br>French | |
| **23890** | **23891** | **23892** | **23881** | Glucose monitor Plus-meter only |
| **23895** | **23896** | **23897** | **23886** | Glucose monitor Plus-kit |

| GIMA code | Accessories and consumables for GLUCOSE MONITOR ON CALL® PLUS AND ON CALL® PLUS II |
|---|---|
| **23910** | Glucose Strips - box of 25 strips |
| **23912** | Glucose Strips - box of 50 strips |
| **23913** | Glucose Strips - box of 100 strips |
| **23914** | Control Solution |
| **23919** | Auto lancet device |
| **23917** | Lancets 28G for 23919 - sterile - box of 25 pcs |
| **23916** | Lancets 28G for 23919 - sterile - box of 100 pcs |

# ABBOTT GLUCOSE STRIPS

Abbott

| GIMA code | Compatibility | Minimum order |
|---|---|---|
| ABBOTT FREESTYLE OPTIUM BLOOD GLUCOSE TEST STRIPS | | |
| **23942** | FreeStyle Optium Neo, FreeStyle Libre, FreeStyle Optium, Optium Xceed, Optium, Optium Easy, Boots | box of 25 |
| **23943** | | box of 50 |
| ABBOTT FREESTYLE LITE BLOOD GLUCOSE TEST STRIPS | | |
| **23944** | FreeStyle Lite, FreeStyle Freedom Lite, FreeStyle InsuLinx, FreeStyle Navigator II | box of 25 |
| **23945** | | box of 50 |

# LANCETS AND LANCET DEVICE

**• 23919 AUTO LANCET DEVICE**

Reusable auto lancet plastic device, adjustable tip, allows precise configuration of lancet penetration.

**23916**

**• 23917 GIMA LANCETS - 28G - sterile - box of 25 pcs**

**• 23916 GIMA LANCETS - 28G - sterile - box of 100 pcs**

Lancets are fine needles that can be used with code 23919 and most of lancet devices in the market to draw a blood sample for glucose testing. Multilanguage box: GB, FR, IT, DE, ES, PT, GR, PL, Arabic.

**23917**

**23916-17**

# SURGILANCE SAFETY AUTOMATIC LANCETS

## SURGILANCE SAFETY AUTOMATIC LANCETS - NEEDLES

Multi purpose capillary blood sampling devices for all testing requirements.

The one-step safety lancet is easier to use, no arming is required, and safer, once lancet is used it is rendered inoperable.

High-speed delivery and penetration method minimizes patient pain and operator error.

Latex-free, hypo-allergenic, disposable, sterile.

*Multilanguage manual on www.medipurpose.com*

*Multilanguage box: GB, FR, IT, ES, DE, PT, NL, SE, DK, RU, GR.*

CE 1008

**24515**

**SURGILANCE™ SAFETY LANCETS - NEEDLES**

| GIMA code | Colour | Depth of penetration | Entire needle Gauge | Needle tip Gauge | Blood Flow | Finger Stick | Glucose | Hematocrit | Minimum order |
|---|---|---|---|---|---|---|---|---|---|
| **24513** | Yellow | 1.0 mm | G21 | G26 | 5-10 µl | ● | ● | | box of 100 |
| **24514** | Grey | 1.8 mm | G21 | G23 | 10-20 µl | ● | ● | | box of 100 |
| **24515** | Orange | 2.2 mm | G21 | G22 | 20-40 µl | ● | ● | ● | box of 100 |
| **24517** | Pink | 2.8 mm | G21 | G21 | 40-60 µl | ● | ● | ● | box of 100 |

INSULINE PEN NEEDLES SEE PAGE 52

# MULTICARE "IN" - SELF CONTROL OF RISK FACTOR

**• 23965 MULTICARE "IN" KIT - Italian manual**

**• 23966 MULTICARE "IN" KIT - English manual**

**• 23967 MULTICARE "IN" KIT - CD multilanguage manual***

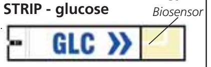
**Includes 11 languages: GB, IT, FR, ES, GR, PT, PL, SL, HU, TR, DE*

A new approach for the periodical self-monitor of risk factors - cholesterol, triglycerides and glucose. The only device on sale with reflecto-metrical and electro-chemical bio sensor suction. Multicare "IN" is supplied in cardboard box with a nylon bag, 10 glucose strips, lancet device, 10 lancets, rapid guide and user manual. Multilanguage box: GB, FR, IT, ES, GR, PT, PL.

**The first and only multi-parameter device with double technology**

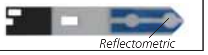
**BIOSENSOR SUCTION STRIP - glucose**

- *Electro-chemical technology for a practical use.*
- *Requires very little blood samples (1 µl).*
- *Short time for the results (5 sec.)*



**REFLECTOMETRIC SUCTION STRIP - cholesterol and tryglicerides**

- *multiCare in is a unique technology.*
- *It allows a more functional self-monitoring of triglycerides and cholesterol.*



| Tube of 5 | Tube of 25 | Tube of 50 | SPARE STRIPS FOR MULTICARE "IN" 7 LANGUAGE BOX |
|---|---|---|---|
| - | 23969 | 23970 | Glucose strips biosensor + 1 chip |
| 23971 | 23972 | - | Cholesterol strips + 1 chip |
| 23973 | 23974 | - | Triglycerides strips + 1 chip |

| GIMA code | CONTROL SOLUTION FOR MULTICARE "IN" |
|---|---|
| 23978 | Glucose control solution |
| 23979 | Cholesterol control solution |
| 23980 | Triglycerides control solution |
| | **LANCETS FOR MULTICARE AND MULTICARE "IN"** |
| 23917 | Lancets 28G - sterile - bag of 25 pcs |
| 23916 | Lancets 28G - sterile - box of 100 |

**• 23982 SOFTWARE FOR MULTICARE "IN" - GB, FR, IT, ES**

Operating system: Windows XP, Windows 7 and 8, Vista, 16 Mb Ram, 10 Mb remaining space on hard disk.

Glucose

CE 0344

*Strips are sold in a 7 languages box: English, Italian, French, Spanish, Greek, Polish, Portuguese.*

Triglycerides

Cholesterol

3 IN 1: CHOLESTEROL, TRIGLYCERIDES, GLUCOSE BIOSENSOR

23965

**TECHNICAL SPECIFICATIONS**

| | Measuring range | Measuring time | Blood sample |
|---|---|---|---|
| Glucose electro-chemical: | 10-600 mg/dl | 5" | 1 µl |
| Cholesterol | 130-400 mg/dl | 30" | 10 µl |
| Triglycerides | 50-500 mg dl | 30" | 10 µl |
| Memory: | 500 test results with date and time | | |
| Batteries: | 2 lithium batteries Cr 2032 3 Volts (32212) | | |
| Size - weight: | 97x49x20.5 mm - 65 g | | |

# CHOLESTEROL, TRIGLYCERIDES, GLUCOSE STRIPS FOR MULTICARE

| Tube of 5 | Tube of 25 | Tube of 50 | STRIPS AND CONTROL SOLUTION FOR OLD MULTICARE (23948, 23950) |
|---|---|---|---|
| - | 23955 | 23956 | Glucose strips + 1 chip |
| 23957 | 23958 | - | Cholesterol strips + 1 chip |
| 23959 | 23960 | - | Triglycerides strips + 1 chip |
| | 23961 | | Glucose control solution (3*x2.5 ml) |
| | 23962 | | Cholesterol control solution (2x2.5 ml) |
| | 23963 | | Triglycerides control solution (2x2.5 ml) |

*Level low, normal, high*

*Each strip box has its own coded chip for safe measurement*

# MISSION® CHOLESTEROL METER + LIPID PANEL TEST

**• 23932 MISSION® CHOLESTEROL METER**

Provides high quality and reliable results for complete Lipid Panel testing in 45 seconds.

**3 in 1 complete Lipid Panel device tests** for Total Cholesterol (CHOL), High Density Lipoprotein (HDL) and Triglycerides (TRIG)

**Also includes calculated tests:** Low Density Lipoprotein (LDL), CHOL/HDL ratio and Cardiac Risk Assessment

**Reliable**

- can test whole blood, serum or plasma
- wide hematocrit range of 0-50%
- small printer available for immediate printing of results

**Easy to use**

- large LCD display for easy reading
- colour coded test devices with engraved test name for easy identification
- battery operated

CE 0123

23932

Supplied with 5 safety lancets, 2 control devices, 4 batteries, carrying case and manual (GB, IT)

Available FR,ES, DE, PT manual in www.gimaitaly.com

Multilanguage box: GB, FR, IT, ES, DE, PT, PL, SE, FI, GR, NL, RO, BG, RU, SA

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Detection principle | Reflectance Photometry |
| Time to results | 45 seconds-2 minutes |
| Memory with date/time | 200 results |
| Type of test | Quantitative |
| Tests | CHOL, HDL, TRIG |
| Calculated tests | LDL, CHOL/HDL ratio, Cardiac Risk Assessment |
| Specimen volume | 3-1 Lipid Panel Device: 35 µL<br>CHOL Individual Test Device: 10 µL |
| Measurement units | mg/dL or mmol/L |
| Measurement range | CHOL: 100-500 mg/dL (2.59-12.93 mmol/L)<br>HDL: 15-100 mg/dL (0.39-2.59 mmol/L)<br>TRIG: 45-650 mg/dL (0.51-7.34 mmol/L) |
| Pc interface for data transfer | Mini USB Port |
| Calibration | Code Chip |
| Languages on the screen | English abbreviations |
| Power source | 4 AAA or AC Adaptor (Mini USB, 5V dc, 50 mA) |
| Battery life | ≥ 1,000 tests |
| Automatic shut off | 5 minutes |
| Meter dimensions | 137×79×26 mm (5.4" x 3.1" x 1.0") |
| Display dimensions | 50×50 mm (2.0" x 2.0") |
| Weight excluding batteries | 145 g (5.11 oz) |

| GIMA code | ACCESSORIES AND SPARES | Minimum order |
|---|---|---|
| 23933 | 3 in 1 Lipid panel tests + capillary tubes 35 ml | box of 25 |
| 23934 | Total Cholesterol tests + capillary tubes 10 ml | box of 25 |
| 24024 | Capillary transfer tubes 10 ml - plastic | box of 50 |
| 23917 | Gima lancets 28G | box of 25 |
| 23916 | Gima lancets 28G | box of 100 |
| 23919 | Auto lancet device - AST method | - |
| 23929 | Mission printer* | - |
| 33250 | Thermal paper roll 57 mm x 25 m | box of 5 |

*Includes 1 paper roll, cable, adaptor*

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# LUX: PROFESSIONAL MONITORING OF LIPIDS, GLUCOSE AND HEMOGLOBIN

CE 0344

23983

TOTAL CHOLESTEROL

HDL

LDL
*calculated value

TRIGLYCERIDES

GLUCOSE

HEMOGLOBIN

**CHOL/HDL & LDL/HDL ratio calculation*

**• 23983 LUX MONITOR for lipid, glucose and hemoglobin**

The cardiovascular diseases are linked to the concentration of cholesterol in the blood. Many people don't know that their cholesterol is high or do not monitor it. Lux gives benefit to doctor to do a complete lipid screening plus glucose and hemoglobin in less than 3 minutes.

**Easy**

Only 45 µl for the complete lipid panel, 7 µl for the hemoglobin, 0.5 µl for the glucose.

**Effective**

Doctor can test during consultation with patient.

**Complete lipid panel in 3 minutes**

Measurement of cholesterol, triglycerides, HDL, LDL at the same time in less than 3 minutes.

**Additional hemoglobin and glucose test**

**Software for download PC (GB, IT)**

Optional data reading software (CD + cable) for easy download. Lux monitor is supplied with carrying bag, pipette 15 µl, pipette 7 µl, 3xAAA batteries 1.5 V and manual (GB, IT). Made in Italy.

23983

| GIMA code | ACCESSORIES AND SPARES | Minimum order |
|---|---|---|
| 23984 | Lipid strips with tips and chip - need 23997 | box of 10 |
| 23985 | Hemoglobin strips with chip - need 23998 | box of 10 |
| 23986 | Glucose strips | box of 50 |
| 23987 | Lipid control solution with chip - 2 ml | 3 bottles* |
| 23988 | Hemoglobin control solution - 2 ml | 1 bottle |
| 23989 | Glucose control solution - 2 ml | 1 bottle |
| 23997 | Pipette 15 µl for lipid | - |
| 23998 | Pipette 7 µl for hemoglobin | - |
| 23999 | Software (CD + cable) | - |

**1 bottle for each parameter (total cholesterol, triglycerides, HDL)*

**TECHNICAL SPECIFICATIONS LUX MONITOR**

| | |
|---|---|
| **Number of measurements** | More than 500 measurements (lipid) or more than 1˙000 measurements (glucose or hemoglobine) |
| **Method of measurements** | Lipids and Hemoglobin: optical method, Glucose: electrochemical method |
| **Display** | LCD (LED Backlight) |
| **Operation buttons** | 3 buttons (ON/OFF switch, up button and down button) |
| **Memory** | 1˙000 readings |
| **Function** | Average of glucose measurements (7, 15, 30 days) |
| **Power source** | 3XAAA 1,5 V alkaline manganese batteries |

**TECHNICAL SPECIFICATIONS - STRIPS**

| | |
|---|---|
| **Measuring method** | Photometric, amperometric only for glucose |
| **Test range** | Total Cholesterol: 100-400 mg/dL,<br>Triglycerides: 50-600 mg/dL, HDL: 20-80 mg/dL,<br>Hemoglobin: 5-25 g/dL, Glucose: 20-600 mg/dL |
| **Measuring unit** | mg/dL (standard), mmol/L (settable by user) |
| **Measuring time** | Lipids: within 3 min.; Hemoglobin: 5 sec.; Glucose: 5 sec. |
| **Sample volume** | 15 µl Cholesterol, Tryglicerides, HDL each test; 7 µl Hemoglobin; 45 µl Lipid 3 tests; 0,5 µl Glucose |
| **Type of sample** | Lipids and Hemoglobin: fresh capillary blood for self-monitoring and professionals (venous blood samples must be withdrawn by a healthcare professional);<br>Glucose: fresh capillary blood |

# MISSION® PT/INR COAGULATION MONITORING SYSTEM

**• 23926 PT/INR COAGULATION MONITORING SYSTEM**

Coagulation testing for professional and self use

**Reliable**

- quick results for Prothrombin Time (PT) in seconds and International Normalized Ratio (INR)
- large INR range of 0.7-7.0
- individually packaged strips with 24 months shelf life
- external optional printer available for quick printing of results
- clinical accuracy: ISO 17593 compliant

**Simple operation**

- results in about 2 minutes
- requires only a single drop of capillary blood or 15 µL of venous whole blood
- insert strip, apply specimen and read results

**User friendly**

- handheld portable meter easy to use and ideal for physician offices and home testing
- includes lockout functions and the capability to store patients ID's
- operates with battery or standard AC adaptor

23926

CE 0123

| GIMA code | ACCESSORIES AND SPARES | Minimum order |
|---|---|---|
| 23927 | PT test strips with chip | box of 12 |
| 23928 | PT test strips with chip | box of 48 |
| 23931 | Control solution | 1 kit** |
| 24515 | Surgilance safety lancets 22G | box of 100 |
| 33250 | Thermal paper roll 5.7 cm x 25 m | box of 5 |
| 23929 | Mission printer* - need cable 23930 | |
| 23930 | Cable printer to PT/INR | |

23929

**Supplied with 1 paper roll, adapter, package insert*

***Includes 5 level-1 and 5 level-2 0.4 ml bottles, 1 insert, 1 plastic clamp*

**STANDARD ACCESSORIES**

| | | |
|---|---|---|
| 1 quick reference guide | 1 AC adaptor | 4 AA batteries |
| 1 carrying case | 1 user's manual (GB, IT) on request DE, ES, PT | |

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Methodology | Optical fluorescence |
| Time to results | About 2 minutes |
| Memory | 200 results with date/time |
| Specimen volume | 15 µL |
| Specimen type | Fresh capillary or venous whole blood |
| INR mesurement range | 0.7-7.0 |
| HCT range | 25-60 % |
| Precision | Repeatability and total precision <10% |
| Accuracy | Y=1.076X-0.078, R=0.924 |
| PC interface | Mini USB |
| Power source | 4 AA batteries or AC adaptor |
| Battery life | >100 tests |
| Meter dimension (LxWxH) | 152x72x37 mm (6.0"x2.8"x1.5") |
| Display dimension (LxW) | 46x23 mm (1.8"x0.9") |
| Weight excluding batteries | 170 g (6.0 oz) |

# LACTATE SCOUT+: FAST AND ACCURATE LACTATE MEASUREMENT

**• 23990 LACTATE SCOUT+**
Pocket device for fast, accurate and reliable lactate measurement.
**Easy to use:**
- only 0.5 µl of capillary blood required
- pre-calibrated sensors
- device calibrated by simple coding
- lactate measurement, date/time, mode, temperature and memory ID on a single display

**Fast and accurate:**
- enzymatic amperometric detection method
- results within 10 seconds
- measuring range: 0.5 - 25 mmol/L (±3%)

**Performance measurement:**
- single and step-test measurements (resting/exercise/recreation)
- stopwatch and countdown timer functions

**Integrated bluetooth technology and PC software:**
An USB key allows easy transfer to PC and a 4 language (GB, DE, IT, ES) software allows easy data management.
Supplied with nylon bag, 10 lancets, 6 strips, control solution, 2x1.5 AA batteries, USB key, English manual, CD manual and box (GB, FR, IT, DE, ES, DK, FI, NO, RU, SE, TR, CN), CD quick guide (BG, CZ, EE, GR, HR, HU, LT, LU, LV, PL, PT, RO, RS, SI).
**• 23991 STRIPS - tube of 24 pcs**
**• 24513 ONE-STEP SAFETY AUTOMATIC LANCETS - box of 100**

*Stores over 250 results*

*Measuring range:*
*0.5 - 25 mmol/L ±3%*

*Pocket size:*
*91x55x24 mm*
*Weight: 80 g*

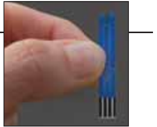
CE 0123

FDA

**23990**

*Integrated bluetooth connectivity*

*Easy handling in 3 steps*



*Remove sensor and place into analyzer*

*Prick finger and collect blood by touching sensor*

*Results appear in 10 seconds*

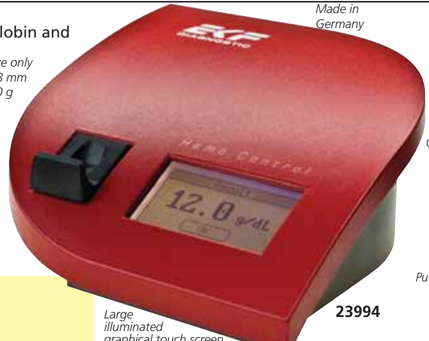
# HEMO CONTROL: HEMOGLOBIN MEASURER AND HEMATOCRIT

**• 23994 HEMO CONTROL**
Fast, simple and accurate determination of hemoglobin and hematocrit in whole blood:
- two tests in one
- fast results in 25 to 60 sec
- limited sample volume 8 µl
- graphical touch screen
- no calibration required, automatic self test
- memory: 4,000 results including date and time
- Hb con-low, Hb con-norm, Hb con-high
- integrated rechargeable battery (100 hours)

**• 23995 HEMOGLOBIN MICROCUVETTES - box of 50**
**• 24513 ONE-STEP SAFETY AUTOMATIC LANCETS - box of 100**

*Compact size only*
*160x160x68 mm*
*Weight: 700 g*

*Made in Germany*



**23994**

*Large illuminated graphical touch screen for intuitive device handling*

*Supplied with transformer (to recharge battery), control cuvette and kit for cleaning.*
*English manual, CD manual (GB, FR, IT, DE, ES, PT, PL, RU)*

*Easy handling in 3 steps*

*Collect 8 µl blood sample*

*Put microcuvette into analyzer*

*Read results on display in 25-60 sec*

**TECHNICAL SPECIFICATIONS**

| | | |
|---|---|---|
| Measurement method: | photometric, azidemethemoglobin | |
| Measuring range: | 0 - 25.6 g/dL; 0 - 15.9 mmol/L | |
| Sample volume: | 8 µl | |
| Sample material: | venous, arterial or capillary blood | |
| Precision: | <2% | |
| Linearity: | 0 - 20 g/dL ±0.3 g/dL | >20 g/dL ±0.7 g/dL |
| Calibrated to NCCLS standard | | |
| Operating power: | 110-250 V - 50/60 Hz; integrated battery (approx 100 h use) | |

# MISSION Hb HEMOGLOBIN TESTING SYSTEM

**• 24022 MISSION Hb HEMOGLOBIN TESTING SYSTEM**
Accurately detects Hb and Hct levels. Professional use.
**Quick**
- Hemoglobin (Hb) and Hematocrit (Hct) **results in < 15 seconds**
- simply insert strip, apply specimen and read results
- features auto-calibration
- no specimen preparation required

**Accurate**
- **only 10 µL** capillary or venous blood required
- precise results equivalent to automatic hematology analyzers
- wide Hb measurement range of 4.5-25.6 g/dL with Hct range of 13-75%
- stores up to 1,000 results

**Portable**
- operated by battery
- handheld for immediate diagnosis
- dry strips eliminate inconvenience in shipping and storage of liquid reagents

**Convenient**
- can test capillary and venous whole blood
- minimal training required
- quick data transfer via Mini USB port

*Large LCD*
*39x37 mm*

CE

**24022**

**Multilanguage box:**
GB, FR,IT, ES, PT, DE, PL, RO, SE, FI, GR, TR, Arabic.
**• 24023 TEST STRIPS - box of 50 + 1 code chip**
**• 24024 CAPILLARY TRANSFER TUBES 10 ml - plastic - box of 50**
**• 23916 GIMA LANCETS 28G - sterile - box of 100**
**• 23919 AUTO LANCETS DEVICE - AST method**
**• 24513 SURGILANCE SAFETY LANCETS 26G - sterile - box of 100**

**TECHNICAL SPECIFICATIONS**

| | | |
|---|---|---|
| Methodology | reflectance Photometry | |
| Detection | principle Methemoglobin | |
| Time to results | < 15 seconds | |
| Memory | 1,000 tests with date/time and ID number | |
| Specimen volume / type | 10 µL / capillary and venous whole blood | |
| Hb measurement range | 4.5 - 25.6 g/dL | Hct range 13 - 75% |
| Wavelengths | 525 nm | |
| Calibration | automatic | |
| Hb within run precision CV | ≤ 3% | Hb Total precision CV ≤ 3% |
| Accuracy | Hb 4.5 - 10 g/dL, ±0.4 g/dL; Hb 10 - 25.6 g/dL ± 4% | |
| Power source | 3 AAA Batteries or AC Adaptor on request | |
| Battery life | 2,700 tests or 360 hours | |
| Automatic shut off | 8 minutes | |
| Size (LxWxH) | 127x58x25 mm (5.0"x2.28"x0.09") | |

**STANDARD ACCESSORIES**

| | | |
|---|---|---|
| 10 test strip | 1 code chip | 3 AAA batteries |
| 10 lancets (26 G) | 2 control strips | 1 carrying case |
| 1 lancing device | 10 capillary transfer tubes - plastic | user manual GB, IT |

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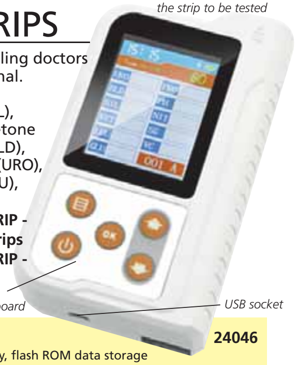
# GIMA URINE ANALYZER AND URINE STRIPS

**• 24046 GIMA URINE ANALYZER**
Gima urine analyzer is a high-precision instrument with advanced technologies for clinical inspection of urine. It offers easy and quick operation, exact results and good repeatability.
Features:
- high-luminance and white LED, features long life and good stability
- large LCD display
- user-friendly interface
- monitoring the whole testing process, and audible-control prompt
- data transmission function.

Application:
- health examination
- chronic diseases, long-term monitoring for nephrotic patients
- convenient point of care testing for doctor
- portable device, for travelling doctors
- use as telemedicine terminal.

**Tested parameters**
Glucose (GLU), Bilirubin (BIL), Specific gravity (SG), PH, Ketone body (KET),Occult blood (BLD), Protein (PRO),Urobilinogen (URO), Nitrite (NIT),Leukocytes (LEU), Ascorbic acid (VC).
**• 24071 11 PARAMETER STRIP - box with 5 pouches of 3 strips**
**• 24072 11 PARAMETER STRIP - tube of 50 strips**

*Test paper tray to place the strip to be tested*



*5-key touch control keyboard*

*USB socket*

**24046**

**TECHNICAL SPECIFICATIONS**

| | | | |
|---|---|---|---|
| Working mode: | One-step | Stability | CV ≤1% |
| Internal language: | Italian and English | Record mode: | LCD display, flash ROM data storage |
| Display: | 2.4" LCD, resolution: 320x240 | Power supply: | Built-in rechargeable lithium battery 3.7 V, 1900 mAh |
| Data storage: | 500 sample data | | Host computer: DC 5 V, 1 A |
| Principle: | RGB tricolor test theory | | Adapter: AC 100-240 V, 50/60 Hz |
| Communication interface: | Micro USB interface, Bluetooth wireless communication | Test range: | Refer to grads table on www.gimaitaly.com |
| Repeatability: | CV ≤1% | Dimension - Weight: | 126x73.5xh 30 mm - 0.18 kg |

# GIMA VISUAL URINE STRIPS

**• 24069 10 PARAMETER STRIP - tube of 100 strips**
**• 24071 11 PARAMETER STRIP - box with 5 pouches of 3 strips**
**• 24072 11 PARAMETER STRIP - tube of 50 strips**
These strips can be used by professionals for visual tests.
11 parameters strips can also be used with Gima urine analyzer (24046) and Bayer CLINITEK-100 reader
- global check/screening for general health condition
- measures level of Leukocytes, Nitrite, Urobilinogen, Protein, pH, Blood, Specific Gravity, Ketone, Bilirubin, Glucose, Ascorbic Acid (24071 and 24072 only) in 1 strip
- check for healthy nutrition, urinary tract infection, tumors, kidney damage, gout, fever, cirrhosis, viral hepatitis, liver disease, congestive heart failure, jaundice, diabetes and acute renal failure.

For professional use only.

GIMA

FOR PROFESSIONAL USE

CE

**24071**

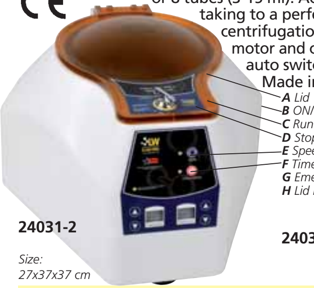
**24069**

**24072**

# CENTRIFUGES FOR PLASMA, URINE AND BIOLOGICAL LIQUIDS

**• 24031 UNIVERSAL CENTRIFUGE - 8 tubes fixed rotor**
**• 24032 UNIVERSAL CENTRIFUGE - 6 tubes horizontally pivoting rotor**
**• 24040 TEST TUBES 10 ml - box of 100 pcs**
The universal centrifuges are the perfect solution for laboratories and doctors' offices. They feature a ZERO-RPM locking lid for safety, digital programming of time ranging from 1-99 minutes and speed ranging from 500-3300 rpm. They accomodate 6 or 8 tubes (3-15 ml). Achieve up to 1364 g. taking to a perfect separation by centrifugation. They have a DC motor and come with a 110-220 V auto switching power supply. Made in USA. Manual GB, IT.

CE



**24031-2**

*Size:*
*27x37x37 cm*

**24031**

**TECHNICAL SPECIFICATIONS**

| | | | |
|---|---|---|---|
| Nominal speed: | 500-3300 rpm (step of 100 rpm) | | Normal RFC: 31-1364 |
| Maximum volume: | 120 ml | Maximum power: 12 W | Fuse: 7.2 A |
| **Recommendations** | **Speed** | **Time** | |
| Whole blood | 3300 | 10 min | |
| Urine | 1800 | 5-10 min | |

**• 24035 XC-2000 CENTRIFUGE**
Very silent centrifuge with 6 tube positions, provided with electronic counter to allow precise speed setting from 1000 rpm to 4000 rpm (500 rpm increments). It is supplied with metal holder for 6 tubes of 10 ml and holder for 6 tubes of 15 ml.
Operating time is adjustable from 1 to 60 min.
Strong ABS structure.
**• 24040 TEST TUBE 10 ml - Ø 16 x 160 mm**
box of 100 pcs

CE

**24035**

**TECHNICAL SPECIFICATIONS**

| | | | |
|---|---|---|---|
| Power Supply: | 220 V - 50 Hz | Power: | 80 W |
| Speed: | Approx 1,000 - 4,000 rpm (increased in increments of 500 rpm's) | | |
| Time: | 1-60 min | | |
| Capacity: | 15 ml or 10 ml x 6 | | |
| Max. RCF: | 1,790 g | | |

## ANALYTICON URINE ANALYZER AND URINE STRIPS

Touch screen intuitive interface
24049
Easy, clean and safe automatic start of measurement by strip detection
GERMAN TECHNOLOGY AND ACCURACY

- **24049 URILYZER® 100 PRO URINE ANALYZER - with printer**

Urilyzer® 100 PRO is a small urine test strip reader that offers a broad range of optimized features.
The intuitive user interface improves data entry and allows manual entry of colour and turbidity from a predefined list or by an additional comment.
Moreover, the system provides the user with a high level of customization with flexible testing and reporting options.
The intelligent database-driven data management provides multiple filter options.
To be used with urine strips 24062 and 24063 only.
CD manual in GB, DE, IT, SE, NO, DK, ES.
Internal software: GB, FR, IT, ES, DE, GR, NO, SE, FI, DK, HU, CZ, RO, RU.
Made in Hungary.

- **33250 PRINTER PAPER 57 mm x Ø 50 mm - box of 5 rolls**
- **24055 CONTROL SOLUTION - 15 ml - box of 2**

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Measurements: | 50 meas./hour in normal mode, 120 meas./hour in fast mode |
| Memory: | 3,000 patient test results and 1,000 QC Test results |
| Display: | 3.5" QVGA Touch-screen LCD (resolution 240x320) |
| Printer: | Low noise thermal printer with paper roll for about 280 meas |
| Printout: | Current number measurement, Date and time, Serial No. of the meter, patient-I-D, Asterisk on pathological results, Parameters can be printed in SI, Conventional or arbitrary units |
| Accuracy: | Meter adjustment in 5 levels according to individual requirements |
| Type: | Reflectance photometer wavelengths: 505, 530, 620, 660 nm |
| Interfaces: | RS232 serial port, USB A, USB B, PS2 (external keyboard, barcode reader), microSD card, Ethernet port, HL7 protocol |
| Dimensions/Weight: | 190x260x77 mm (WxDxH) / 1.5 kg |
| Power supply: | 100-240 V, 50-60 Hz |

Urine test strips with ascorbic acid protection pad for glucose and blood tests
24061
analyticon

**ANALYTICON COMBI SCREEN® PLUS and SYS - urine strips**
Urine strips for visual test or for use with Urilyzer® 100 and CombiScan 100 (24062 and 24063 only).

- **24060 COMBI SCREEN® PLUS - 3 parameters - tube of 100 strips**
- **24061 COMBI SCREEN® PLUS - 10 parameters - tube of 100 strips**
- **24063 COMBI SCREEN® PLUS - 11 parameters - tube of 100 strips**

Results can be read directly on the strip (after about 60 seconds) and compared with the label on the bottle. Combi Screen® Plus offer ascorbic acid protection for glucose and blood tests. **Offers relevant reduction of false negatives due to interference with ascorbic acid**. Supplied in aluminium tube in single cardboard box. For professional use. Manual in GB, FR, GR, IT, ES, PT, NL, DE. Made in Germany.

| GIMA code | 24060 | 24061 | 24063 | 24062 |
|---|---|---|---|---|
| Leucocytes | | • | • | • |
| Nitrite | | • | • | • |
| Urobilinogen | | • | • | • |
| Protein (albumin) | • | • | • | • |
| pH | • | • | • | • |
| Blood | | •* | •* | •** |
| Specific gravity | | • | • | • |
| Ketones (acetoacetic acid) | | • | • | • |
| Bilirubin | | • | • | • |
| Glucose | •* | •* | •* | •** |
| Ascorbic acid | | | • | • |

*Ascorbic acid protection pad **No ascorbic acid protection pad

- **24062 COMBI SCREEN® SYS - 11 parameters - tube of 150 strips**

Same as code 24063 but without ascorbic acid protection PAD on glucose and blood.

## MICROHEMATOCRIT CENTRIFUGE

- **24025 MICROHEMATOCRIT CENTRIFUGE - 180 sec.**

Economic system, easy to use, fully automatic with LED indicators, no vibration, silent, rapid and provided with rechargeable battery.
Useful for: small labs, office labs, blood drawing areas, pediatric, neonatal settings, dialysis centers, emergency room labs, veterinarians, sample prep for stat chemistries.

- **24026 CAPILLARIES for microhematocrit - tube of 500**

Made of glass 9 microliters. Length: 32 mm - Ø 1.5 mm

**TECHNICAL SPECIFICATIONS**

Power: rechargeable battery (battery charger supplied 100 ÷ 240 V plug in)
Dimensions: 136 mm (L) x 215 mm (W) x 122 mm (H) Weight: approx 1.2 Kg.

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## STREP-A RAPID TEST, ACCURATE RESULTS IN 5 MINUTES

- **24522 STREP-A - device - box of 20 tests**
- **24523 STREP-A - strip - box of 25 tests**

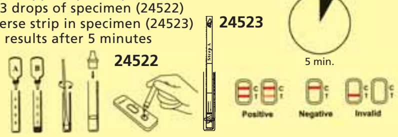
Provides accurate results in few minutes, with a simple procedure easy to perform and to interpret. Immediate diagnosis facilitates patient treatment decisions in the same office visit. Room temperature storage. It includes 20 devices or 25 strips tests (single pack), 2 reagents, 20 (or 25) tubes and swabs. Multilanguage manual and package. For professional use.

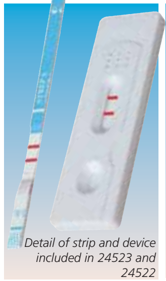
**TECHNICAL SPECIFICATIONS**

| | 24523 | 24522 |
|---|---|---|
| Relative sensitivity: | 97% (91-99%) | 94% (88-98%) |
| Accuracy: | 95% (93-97%) | 97% (96-98%) |
| Relative specificity: | 95% (92-97%) | 98% (96-99%) |

**PROCEDURE**

- add 4 drops Reagent A, then drops reagent B
- rotate swab 10 times, wait 1 minute, then remove swab while squeezing tube to remove liquid
- place dropper tip to top of tube (24522)
- add 3 drops of specimen (24522)
- immerse strip in specimen (24523)
- read results after 5 minutes




Detail of strip and device included in 24523 and 24522

## STREP-A DUAL COLOUR RAPID TEST, OPTICAL TECHNOLOGY

- **24519 STREP-A DUAL COLOUR TEST - strip - box of 50 tests**

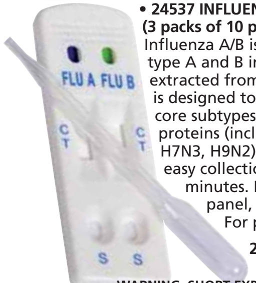
The new, dual colour rapid test for Strep A uses the antibody labelled colour particles coated at two separate locations in the test device. This new optical immunoassay technology allows greater sensitivity and less false negative results than the conventional single label test, without affecting specificity. The procedure for the user is the same as for the standard test but the result will be easier to view. If Group A Streptococcus is present in the sample, a visible **blue Test Line** will appear to indicate a positive result and a **red Control Line** will also appear to indicate the test is valid. Kit includes 50 test strips, 50 tubes, 50 swabs, 2 reagents and 2 control solutions. Multilanguage box and manual: GB, FR, IT, ES. Professional use.

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Relative sensitivity: | 95.1% (95%CI:*89.6-98.2%) |
| Relative specificity: | 97.8% (95%CI:*95.8-99%) |
| Overall accuracy: | 97.1% (95%CI:*95.3-98.4%) |

***Blue test line*** *indicates a positive result,* ***red control line*** *indicates test validity*

## INFLUENZA A/B TESTS



- **24537 INFLUENZA A/B TESTS - box of 30 tests (3 packs of 10 pcs.)**

Influenza A/B is a rapid in vitro test to detect type A and B influenza antigens (nucleoprotein) extracted from the nasal specimens. The test is designed to detect nucleoproteins of Flu-A core subtypes, independent of H and N surface proteins (including H1N1, H3N2, H5N1, H5N3, H7N3, H9N2). A sterile nasal swab allows an easy collection of specimen. Results in 10-15 minutes. Includes rapid influenza A/B test panel, swab, test tube, extraction buffer. For professional use only.

24537

## MONONUCLEOSIS TEST

- **24538 MONONUCLEOSIS TEST - box of 20 tests**

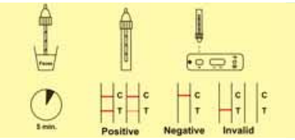
A rapid test for the diagnosis of Infectious Mononucleosis (IM) to detect Infectious Mononucleosis heterophile antibodies qualitatively in whole blood, serum or plasma.
For professional in vitro diagnostic use only.
Results in 5 minutes. It includes 20 cassette tests, 20 droppers, buffers and user manual.

24538

**WARNING: SHORT EXPIRY DATE FOR TESTS.** Tests have 24 months expiry at production time. Our stock may vary from 10 to 22 months.

## FOB-FECAL OCCULT BLOOD TEST FOR EARLY DETECTION

**• 24530 FOB TEST - box of 25 tests**
Provides accurate results in few minutes.
It facilitates early patient treatment decision.
Simple procedure, easy to perform and interpret. No additional equipment required.
It includes 25 pcs of collection stick, device test and one buffer bottle.
For professional use



24530

## HELICOBACTER PYLORI TEST FOR ULCER SCREENING

PROFESSIONAL

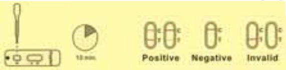
**• 24528 HELICOBACTER PYLORI TEST - box of 40 tests**
Helicobacter Pylori is the leading cause of gastric ulcers, this easy to use test allows a quick diagnosis in about 10 minutes.
Easy to perform and interpret, no additional equipment required. For professional use.
Diagnosis of H. pilory infection in adults over 18 years of age.

**• 24529 HELICOBACTER PYLORI SELF TEST - box of 1 test**
Same as 24528 but packed in single box including one automatic lancet, single buffer and user manual.
This product is provided with self testing certification to be sold to end users in OTC market.

0197

24529

24528



SELF TEST

## PROSTATE SCREENING - PSA ONE-STEP TEST

**• 24534 PSA TEST - box of 25 tests - for doctor/hospital use**
Provides accurate results in 5-8 minutes.
- over 98% correlation to lab tests
- simple, easy to use serum or plasma test
- detects PSA as low as 4 ng/ml
- contains everything needed to perform test (except lancets see page 5)
- for professional use

**• 24532 PSA SELF TEST - box of 1 test - for self test - whole blood**
Same as 24534 with results in 10 min. Packed in single box including one automatic lancet, single buffer and user manual.
Provided with self testing certification to be sold to end user.

0197

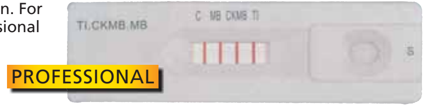
24532

SELF TEST

24532

## CARDIAC MARKER

**• 24525 CARDIAC MARKER**
**3 parameters: CK-MB, Troponin, Myoglobin - box of 20 tests**
It allows to check cardiac status and stroke events in just 15 minutes. Ideal to keep under control patients affected by cardiopathies or after heart attack or surgery. Acute Myocardial Infarction-MI (Heart Attack) is responsible for 1 in 5 deaths in the U.S. After 6 hours of AMI onset, the damage to the cardiac muscle is irreversible and permanent. This illustrates that early and accurate diagnosis of AMI is essential. ECG is the most widely used method of MI diagnosis. Unfortunately, as many as 25% of AMI patients have a normal ECG. GIMA offers an array tests for Biochemical and Protein markers of MI, such as Creatine Kinase Isoenzyme MB (CK-MB), Myoglobin (MB) and Cardiac Troponin I (cTnI) in combination.
It includes 20 droppers, 20 cassettes and 1 bottle with dilution solution. For professional use.



PROFESSIONAL

## SEMI-QUANTITATIVE CRP TEST

**• 24527 CRP TEST - box of 20 tests**
Measurement of CRP in whole blood, plasma or serum has two purposes:
1) hs-CRP levels help in assess the risk of cardiovascular and peripheral vascular disease. Higher hs-CRP values have highest risk of cardiovascular disease.
2) CRP levels help identify and keep track of infections and diseases that cause inflammation (lymphonoma, lupus, giant cell arteritis, osteonyelitis, rheumatoid arthritis, .....).
- use fingerstick whole blood or serum/plasma
- results within 7 minutes
- room temperature storage
- built in performance control and reference band
It includes 20 cassette tests with droppers. For professional use.

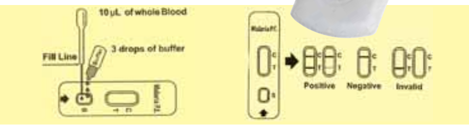
24527

*Strong intensity colour bands*

## MALARIA RAPID TEST

**• 24547 MALARIA RAPID TEST - box of 40 tests**
A rapid chromatographic immunoassay test for the qualitative detection of circulating plasmodium falciparum in whole blood. Compared with traditional thick or thin blood smears microscopic analysis, the correlation between the two systems is over 99,0%.
Package includes test devices, buffer, disposable specimen dropper and multilanguage manual, lancets are not included.
For professional use.

24547



**WARNING: SHORT EXPIRY DATE FOR TESTS.** Tests have 24 months expiry at production time. Our stock may vary from 10 to 22 months.

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## DRUG TEST READER SYSTEM - FOR URINE DRUG CUPS/PANELS

**• 24570 DRUG READER - Italian software**
**• 24571 DRUG READER - English software**
**• 24576 MULTI DRUG CUP - 7 drugs + S.V.T.**
**• 24577 MULTI DRUG CUP - 8 drugs + S.V.T.**
Simply scan one of the two multi drug test on drug reader and get a complete analysis at your PC.
- automated analysis of "visual read" test panels
- automatic test menu recognition (2D barcode)
- in-process system quality control check
- image capture, data management/export functionality, archived results

Main benefits:
- automation - eliminates results interpretation variability/subjectivity
- accurate, performance advantages vs. visual interpretation
- speed - scanning process requires 15-30 sec.
- flexible - semi-portable, simple installation, Windows compatible. Professional use.

| DRUG | 24576 | 24577 | CUT OFF NG/ML | Detection time |
|---|---|---|---|---|
| MTD | • | • | 300 | 5-7 days |
| MDMA | • | • | 500 | 5-7 days |
| MET | • | • | 500 | 3-5 days |
| COC | • | • | 300 | 2-5 days |
| THC | • | • | 50 | - |
| AMP | • | • | 500 | 2-5 days |
| MOP | • | • | 300 | 5-7 days |
| BUP | | • | 10 | 5-7 days |
| **S.V.T.** | | | | |
| OX | | • | • | |
| S.G. | | • | • | |
| PH | | • | • | |
| NiT | | • | • | |
| Glut | | • | • | |
| CRE | | • | • | |

*Suitable in occupational medicine for cost effective workers screening*

24576

24577

24576

24577

24570

## MULTI DRUG "CUP" TEST

**• 24546 MULTI DRUG "CUP" TEST - urine box of 25 tests for 7 drugs**
Detects following parameters: (MTD/MDMA)+<COC>+<AMP500>+<MET500>+<THC>+<MOP>. For professional use.
- easy to use - no urine handling, just insert the key into the active test and read results in 5 min.
- tightly sealed urine cup - no leaking or spilling of urine specimen
- unique design - ensures that urine used in the test, will be separated from residual urine, that will remain uncontaminated, to be used for a further test when necessary
- key packed separately, ensures security that only the technician can begin the test

*Test panel is tightly fastened to the cup, protecting it from contamination*

*Temperature label*

| SCREENING TEST CUP - 24546 | | |
|---|---|---|
| **DRUG** | **CUT OFF NG/ML** | **DETECTION TIME*** |
| MOP | 300 | 5-7 days |
| COC | 300 | 2-5 days |
| THC | 50 | - |
| AMP | 500 | 2-5 days |
| MDMA | 500 | 5-7 days |
| MTD | 300 | 5-7 days |
| MET | 500 | 3-5 days |

** Drug use over detection time not measured*

## SALIVA DRUG TEST

24555

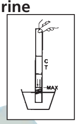
*Collect oral fluid with sponge*

**• 24555 MULTI DRUG SALIVA TEST oral fluid (saliva) - box of 25 tests for 6 drugs**
Multi drug tests provide accurate results in 10 min. for the following drugs: amphetamine, cocaine, marijuana cannabis, methamphetamine, opiates, phencyclidine.
For medical and professional use.
Multilanguage manual: GB, IT, FR, DE, ES, PT.

| ORAL FLUID SCREENING TEST DEVICE - 24555 | | |
|---|---|---|
| **DRUG** | **CUT OFF NG/ML** | **DETECTION TIME** |
| COC | 20 | 10 min - 24 h |
| THC | 30 | up to 14 h |
| AMP | 50 | 10 min - 72 h |
| MET | 50 | 10 min - 72 h |
| PCP | 10 | - |
| OPI | 40 | 1 h - more days |
| MTD | 45 | up to 2 days |

## DRUGS OF ABUSE, URINE TESTS FOR PROFESSIONAL USE

**• 24540 COCAINE TEST - strip - urine**
**- cut-off: 300 ng/ml**
**• 24541 MARIJUANA TEST - strip - urine**
**- cut-off: 50 ng/ml**
**• 24542 OPIATES TEST - strip - urine**
**- cut-off: 300 ng/ml**
Codes 24540-41-42 are sold in box of 50 strips individually packed in single pouch.



**24540-41-42**

24550

**• 24550 MULTI DRUG PANEL TESTS urine box of 25 tests for 6 drugs***
**• 24549 MULTI DRUG PANEL TESTS urine box of 25 tests for 8 drugs****
**• 24551 MULTI DRUG PANEL TESTS urine box of 25 tests for 12 drugs**
Multi drug tests provide accurate results in 5 min. on the following drugs: amphetamine*, cocaine*, marijuana cannabis*, methamphetamine*, opiates*, phencyclidine*, barbiturates, benzodiazepines, ecstasy, morphine300, methadone, tricyclic antidepressants.
**Code 24550 contains tests for drugs with asterisk*
***Code 24549 contains tests for drugs with asterisk plus MDMA and 6-AM.*
Cut-off levels meet SAMHSA guidelines.
Manual: GB, FR, IT, ES, DE, PT.

24551

| SCREENING TEST PANEL | | | | |
|---|---|---|---|---|
| **Drug** | **Cut off ng/ml** | | | **Detection time** |
| | **24550** | **24549** | **24551** | |
| MOP | - | - | 300 | 5-7 days |
| COC | 150 | 150 | 150 | 2-5 days |
| THC | 50 | 50 | 50 | 5-8 days |
| AMP | 500 | 500 | 500 | 2-5 days |
| MDMA | - | 500 | 500 | 5-7 days |
| MTD | - | - | 300 | 5-7 days |
| MET | 500 | 500 | 500 | 3-5 days |
| BZO | - | - | 300 | 7-10 days |
| BAR | - | - | 300 | 2 days - 4 weeks |
| PCP | 25 | 25 | 25 | - |
| OPI | 2000 | 2000 | 2000 | 5-7 days |
| TCA | - | - | 1000 | - |
| 6-AM | - | 10 | - | - |

# PROFESSIONAL ALCOHOL TESTER

- **24491 FIT-333 ALCOHOL TESTER with printer**
- **24486 AT500 EASY RECALIBRATION ALCOHOL TESTER with printer - available jan 2018**
- **24487 PRE-CALIBRATED SENSOR MODULE for 24486 - spare**
- **24494 BLOWING TUBES for 24486, 24491 - box of 100 pcs.**
- **24495 PAPER ROLLS for 24486, 24491 - box of 10**

**24491** **24486**

*Size: 188x78x33 mm*
*Weight: 300 g*

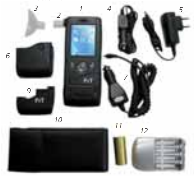
AUTO CALIBRATION TESTER

Professional **fuel cell sensor** breath alcohol tester with printer and touch screen. The fuel cell is a porous disk with a thin layer of platinum. Any alcohol that comes in contact with the cell's surface is broken down chemically. For each broken down molecule of alcohol a given number of electrons are freed. The numbers of electrons generated are in proportion to the amount of alcohol.
**Self recalibration** (only 24486): easy replacement of pre-calibrated module.

**TECHNICAL SPECIFICATIONS**

| | 24491 | 24486 |
|---|---|---|
| Display: | Colour 3.2 TFT touch screen LCD | Colour 3.5" touch screen LCD |
| Keyboard: | 5 keys operation: "Up", "Down", "Left", "Right", "OK" | Navigation key input with touch panel |
| Power Supply: | Rechargeable AA battery (about 2500 mAh) | Rechargeable 7.4 V Li-ion battery |
| Warm up: | Chamber & Sensor warm up automatically | |
| Auto flow monitoring: | Automatic flow detection | |
| Operating environment: | -20° to +70° (optimal -20° to +40°) | -20 to +45°C (optimal 5 to 40°C) |
| Data download: | USB port | |
| Compatibility: | Windows XP, 7** | |
| Memories: | 10,000-18,000 memories for approx 3,000 full tests | 50,000 memories full test |
| | driver name, vehicle number, inspector name, test result with print date and time, location, calibration data, ... | |
| Measurement precision: | Standard deviation ±0,025 mg/L or ±5% of the measurement | |
| | Drift: typically <0,8% of the measurement value/month | |
| Calibration*: | by appointed service | by replacement of pre-calibrated sensor module |
| Unit setting: | | mg/L, mg/100 L, %BAC, ‰BAC |

*Need calibration every 12 months **Can export files as Microsoft Excel documents directly (24486 only)



*Alcohol testers[1] are supplied with integrated printer, 25 mouth pieces[2], 1 large mouth piece[3], power supply[4], power supply 100-240V, 50/60 Hz[5], USB car adaptor[7], wireless transmission module for FIT-333 printer[6, 9], carrying pouch[10], 4 rolls of paper[11], charger[12].*

# BREATH ALCOHOL TESTER

SELF MONITORING

- **24500 ALCOHOL TESTER**

Compact device to measure your alcohol concentration in your breath.
Digital/graphic interface and animation, ‰ BAC and mg/l values.
Supplied in carton box with 3 blowing tubes Ø 7 mm and one cleaning cap.
Multilanguage box and manual:
GB, FR, IT, ES, PT

- **24501 BLOWING TUBE - box of 12 pcs.**
- **32200 "AAA" BATTERIES - blister of 4 pieces**
- **24503 COUNTER DISPLAY - Italian**
- **24504 COUNTER DISPLAY - English**

*Counter display fits 6 tester*

*Large display to read exact value of your breath (3 colour backlight)*

**24500**

**TECHNICAL SPECIFICATIONS**

Range: Low & 0.15 ~ 1.50 ‰ BAC or 0.075 ~ 0.75 mg/l
Accuracy: ±0.2‰ BAC full range under alert level
Battery: 3 x 1.5V AAA batteries (not included)
Display: Graphic & Digital display with 3 decimal points (eg. 0.025%BAC)
Tolerance compensation: Pre-alert function together with tri-colour backlighting
Breath sampling: less than 5 seconds continuous breath sample
Recycle time: about 20 seconds
Size: 107x45x25 mm approx.
Weight: 50 g (without batteries)
Alert level calibrated: 0.5 ‰ BAC or 0.25mg/l

# POCKET ALCOHOL TESTER

- **24499 POCKET ALCOHOL TESTER**

Pocket, easy to use alcohol tester

**TECHNICAL SPECIFICATIONS**

Range: Low & 0.2 ~ 1.5 %BAC
Accuracy: ± 0.2‰ BAC at the calibrated point (alert level)
Power input: 2 x 1.5V AAA batteries (not included)
Display: Digital display
Tolerance compensation: pre-alert function when close to alcohol limit
Auto power off: 2 minutes
Breath sampling with auto flow detect: about 6 seconds continuous breath sample
Cycle time: about 20 seconds
Alert level calibrated: 0.5% BAC

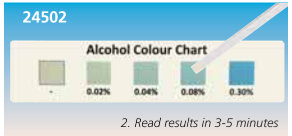
POCKET, ONLY 8.5x3x1 cm

# SALIVA ALCOHOL STRIPS

- **24502 SALIVA ALCOHOL TEST STRIPS - box of 25 strips**

GIMA Saliva Alcohol Test Strip is a rapid highly sensitive test for the determination of relative blood alcohol concentration in saliva specimens.
- results in just 3-5 minutes
- colour chart provides approximate relative blood alcohol concentrations (BAC) from 0.02% to 0.30%
- no instrumentation is required
- saliva testing avoids urine collection
- short expiry date (average 10-22 months)
- professional use

*1. Saturate the reaction pad*



*2. Read results in 3-5 minutes*

# DRUG OF ABUSE SALIVA MULTITEST - 8 DRUGS

- **24566 MULTI DRUG SALIVA MIDSTREAM TEST oral fluid (saliva) - box of 20 tests**

A multi parameters, all-in-one test for simultaneous detection of 8 different drugs in 10 minutes. Cost effective system for the screening of workers for illicit substance consumption. Professional use.

**DRUG OF ABUSE SALIVA MULTITEST**

| Drug | Cut off | Drug | Cut off |
|---|---|---|---|
| Opiates | 40 ng/ml | Cocaine | 30 ng/ml |
| Morphine | 40 ng/ml | Cannabinoids (THC) | 25 ng/ml |
| 6-MAM | 4 ng/ml | Amphetamine, m-Amphetamine | 40 ng/ml |
| Hydrocodone and Oxycodone | 40 ng/ml | MDMA, MDA | 50 ng/ml |

**24566**

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# PROTECTIVE GOGGLES

*Packed in cardboard box*

0194
89/686

*Full browguard protects top of eye area*

25660

*Designed to fit comfortably over prescription glasses*

- **25661 POLYSAFE MEDICAL - bulk**
- **25660 POLYSAFE MEDICAL - with box**

They are a vital part of any infectious disease control programme for eye protection. They provide a wide field of vision and excellent optical quality. Designed with top and side shields to protect eyes from every angle. They can fit all head sizes comfortably, and have superior optical clarity. Autoclavable. Norms EN 166.

25659

- **25659 GIMASAFE - box of 10 pcs**

Transparent protective goggle.

89/686
EN 166 / EN 170

EN 166
EN 170

*Only 54 g*

*Thickness 1.7 mm*

*Antifog, anti-scratch polycarbonate*

- **25663 HIGH PROTECTION GOGGLES - fog resistant and anti-scratch**

Protection against: droplets and splashes of liquids and high-speed particles at extreme temperature. Lateral protection.
Protection against large dust particles (>0.5 μ).
Protection against optical radiation to standard EN 170.
Resistance to surface damage by fine particles.
Resistance to fogging of oculars.

*Adjustable temple in length*

*Soft Pad technology*

*Lateral protection*

*Designed to fit comfortably over prescription glasses*

- **25667 PROTECTIVE GOGGLES 5X7 - fog resistant and anti-scratch**

Superior quality goggles with excellent optical quality, high protection and maximum comfort. Optical quality: Class I.
**Protection:** protection against high speed particles-low energy and lateral protection. Protection against optical radiations to standard EN 170. Antifog and anti-scratch.
**Comfort:** ultra light, soft pad technology temples, adjustable in length. Norms: EN 166.

25644

EN 166
EN 170

*Only 30 g*

25645

- **25644 SAN DIEGO GOGGLES - black - fog resistant**
- **25645 SAN DIEGO GOGGLES - blue - anti-scratch**

Temple length and inclination adjustment by snap motion. Protection against high speed particles - low energy and lateral protection. Protection against optical radiation to standard EN 170.

*Instructions in: GB, FR, IT, DE, ES, PT, NL, DK, NO, SE, FI, GR, PL, CZ, SI, HR, HU, RO, BG, RU, TR, SA, JP.*

*New temple for a better ergonomy*

EN 166 FT

25260

- **25260 505 UP GOGGLES - fog resistant, anti-scratch**

Protection against high speed particles - low energy and lateral protection. Protection against optical radiation to standard EN 170.
- extremely light 24 g only and encircling
- elastic structure, extremely flexible and resistant
- optimal comfort and fit thanks to the soft adjustable nosepad
- neck cord included in the packaging

25262

EN 166 FT

25261

*Weight 25 g*

- **25261 506 UP GOGGLES - green - fog resistant, anti-scratch**
- **25262 506 UP GOGGLES - pink - fog resistant, anti-scratch**

Same as 25260 without neck cord, with below additional features:
- panoramic wrapping lens
- temple regulation in length and inclination
- soft terminal tips to eliminate local pressure

## VISOR HEAD MASKS

**VISOR HEAD MASKS**
**Great features**
- faceshield with 90° rotation
- inner and outer surface treated against mist
- superior coverage to protect against droplets and splashes

**Superior materials**
- elastic band in anallergic material
- rotation systems in anodized aluminium
- soft support in anallergic interchangeable foam
- faceshield in heat-formed acetate with anti-fog treatment

**Easy and comfortable use**
- fitting headbands adjustable by velcro fasteners
- usable over ophthalmic glasses

| GIMA code | VISOR HEAD | Minimum order |
|---|---|---|
| **25656** | VISOR HEAD MASK | 1 |
| **25668** | VISOR SHIELD | 1 |
| **25669** | SPARE SHIELD for 25668 | box of 5 |

CE Class II EN 166-167-168 **U1SN**

*Antifog mask 0.7 mm thick*
**25656**

**25656**
*Faceshield with 90° max rotation*

*Antifog mask 0.5 mm thick*
**25668**

## TETI PROTECTIVE SHIELDS

- **30863 TETI PROTECTIVE SHIELD - white - 1 shield**
- **30860 TETI PROTECTIVE SHIELD - white - 2 shields**

Comfortable, ultra light stylish protective shields. They provide high protection from squirts and sprays.
Folding shield behind the nape.
Adjustable size, fits majority of healthcare professionals.
Extra wide visor allows to fit over glasses and most of magnification loupes.
Supplied with 2 face transparent shields and 2 padding with velcro (30860) or 1 shield + 1 pack (30863)
Certificated EN166. Made in Italy.
- **30875 SET OF 5 TRANSPARENT FACE SHIELDS - spare**

*Adjustable string to securely fasten shield around head*
*Super soft padding with velcro fixing for confortable use*
*Shield thickness 0.5 mm*
**30860 or 30863**

*Tilting 180°*

*Padding with velcro*

TETI FITS IUKO MODULAR SYSTEM AND ANY MAGNIFICATION LOUPE

**30870/1 + 30860**
*You can create a system adding TETI shield to a IUKO telescope and/or projector see page 198*

## OP-DOP VISOR SHIELD “PROTECTOR” WITH 3+1 SHIELDS

- **25642 VISOR SHIELD "PROTECTOR" - white**

The ultra-light face shield that combines function with style:
**protection:** a waterproof plastic barrier will protect you
**comfort:** fast and easy to wear and remove
**convenience:** reusable and replaceable shield
**optical quality:** superior optical quality.
Medium adjustable size: fits over 90% of healthcare professionals. Fits over glasses.
Shielded air vent eliminates fogging.
Supplied with 3 face transparent shields + 1 head shield.
- **25643 REPLACEMENT SHIELD KIT**

Includes 2 face transparent shields + 1 head shield + 1 foam bumper

CE
**25642**
*Quality product: made in USA*

## GOGGLES KIT

CE
EN 166
EN 167
EN 168

*Thickness 0.1 mm*
**25646**

- **25646 GOGGLES KIT - fog resistant**

Practical kit composed of 5 supports in different colours and 20 antifog shields. Usable over ophthalmic glasses.
- **25647 SPARE SHIELDS - box of 20**

## HIGH PROTECTION MASK 6x1

*Instructions in: GB, FR, IT, DE, ES, PT, NL, DK, NO, SE, FI, GR, PL, CZ, SI, HR, HU, RO, BG, RU, TR, SA, JP.*

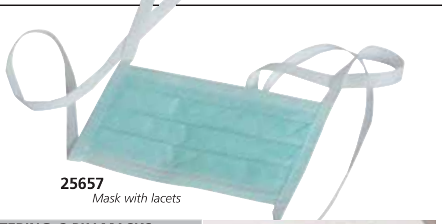
CE
EN 166 3 4 FT

*Only 57 g*
**25265**
*Thickness 1.9 mm*

- **25265 HIGH PROTECTION MASK 6x1 - fog resistant, anti-scratch**
- wide lens for a field of view without distortion
- temples adjustable in length and inclination with SoftPad technology
- sophisticated indirect ventilation system
- soft internal rubber for comfort without local pressure
- certified according to EN166 point 3 (droplets and splashes) and point 4 (large dust particles)
- supplied with neck cord

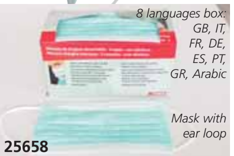
## 99% FILTERING 3 PLY MASKS - WITH LACETS OR LOOPS

*Masks with ear loops*


**25657**
*Mask with lacets*

**99% FILTERING MASKS**
- lightweight and comfortable
- size 17x9 cm (adult) or 12.5x9.3 cm (pediatric)
- conformable nose band for anatomical fitting
- fiber glass free, filtration efficiency of BFE +99% at 1.0 micron
- antifog, latex free
- suitable for hospital, dental and outpatient use
- with lacets or ear loops
- EN 14683 conform

| GIMA code | 99% FILTERING, 3 PLY MASKS<br>box of 1,000 (20 dispensers of 50 pcs.) |
|---|---|
| **25653** | Adult 3 ply masks - ear loop - green |
| **25658** | Adult 3 ply masks - ear loop - light blue |
| **25673** | Adult 3 ply masks - ear loop - pink |
| **25657** | Adult 3 ply masks - lacets - green |
| **25674** | Pediatric 3 ply masks - ear loop - white |
| | **Box of 50 pcs.** |
| **25543** | Adult 3 ply masks - ear loop - green |


*8 languages box: GB, IT, FR, DE, ES, PT, GR, Arabic*
*Mask with ear loop*
**25658**

## 99% FILTERING MASKS MADE IN ITALY - EN 14683:2005

- **25648 MASKELLA - face mask with ear loops - light blue**
- 3 non-allergenic woven-non woven layers
- size 90x180 mm
- weight 3 g
- tensile strength extra-long ties: 80 cm
- comfortable, shapeable nose clip
- filtering efficiency > 99%
- resistance to breath (MM $H_2O/cm^2$) < 2
- does not contain glass fibres
- does not contain latex
- non sterile

**min. order: 18 packs of 50=900**

- **25649 MASKERITA - surgical face mask**
- 3 non-allergenic woven-non woven layers
- size 90x180 mm
- weight 3 g
- tensile strength extra-long lacets: 80 cm
- comfortable, shapeable nose clip
- filtering efficiency > 99%
- resistance to breath (MM $H_2O/cm^2$) < 2
- does not contain glass fibres
- does not contain latex
- non sterile

**min. order: 12 packs of 50=600**

- **25652 MASKOP - ear loop - green**
- **25654 MASKOP - lacets - light blue**

**Surgical masks with wrap-around visor**
- anti-misting, antistatic wrap-around visor
- 4 non-allergenic woven-non woven layers
- weight 10.5 g
- atraumatic and conformable nose-clip
- filtering efficiency > 99%
- resistance to respiratory flow (MM $H_2O/cm^2$) <2.5
- latex and glass fibres free. Non sterile
- fluid permeability: impermeable
- external/internal polyethylene anti-misting strip

**min. order: box of 50**

## 2 PLY MASKS

**25651**

- **25651 2 PLY MASKS - light blue**

**box of 2,000 pcs. (40 dispensers of 50 pcs)**
- made in soft TNT
- size 17x9 cm with ear loops
- comfortable nose band
- antifog, latex free
- EN 14683 conform

## 3 PLY MASKS 95%

**25650**

- **25650 3 PLY MASKS - green**

**box of 1,000 pcs. (20 dispensers of 50 pcs)**
- 95% filtering mask
- lightweight and comfortable for soft skin
- size 17x9 cm with ear loops
- comformable nose band for anatomical fitting
- fiber glass free, filtration efficiency of BFE +95% at 1.0 micron
- antifog, latex free
- EN 14683 conform

## MOULDED MASKS

**25677**

- **25677 MOULDED CONE MASKS - light blue**

**dispenser of 50 pcs.**
- splash repellent barrier
- flared edge prevents irritation
- soft, flexible, aluminum nosepiece adjusts for custom fit
- soft, odourless, fiberglass free
- high breathability
- non woven fabric

# FOLD-FLAT RESPIRATORS FFP1, FFP2, FFP3

FFP1 with valve 25666

FFP2 25665

FFP2 with valve 25670

FFP3 with valve 25671

Facial filtering respirators to protect against solid (non-oil) and liquid (oil) volatile particles. With exhalation Valve (excluding 25665). Double elastic with buttonhole allows to hang the mask to the neck when it's not worn. Aluminium adjustable nose piece welded with high resistance and internal Polyethylene (PE) Foam nose pad. Single packed guarantees total hygiene and easy maintenance.

| GIMA code | PARTICULATE FOLDABLE RESPIRATORS | Minimum order |
|---|---|---|
| **25666** | Particulate respirator - FFP1 - with valve | box of 20 |
| **25665** | Particulate respirator - FFP2 | box of 20 |
| **25670** | Particulate respirator - FFP2 - with valve | box of 10 |
| **25671** | Particulate respirator - FFP3 - with valve | box of 10 |

NORMS: CEI EN 149: 2001 + A1: 2009
AC 538100 05-06-2008

The shape of the respirator has been developed to reduce difficulties of respiration and to improve efficiency in the dialogue. Innovative design allows a perfect view. Wide adaptability to various face contours. Wide filtering area to allow proper ventilation. Light weight.
Conforms to CE standard - EN 149: 2001 + A1: 2009

**TECHNICAL SPECIFICATIONS**

| | **25666** | **25665** | **25670** | **25671** |
|---|---|---|---|---|
| Protection: | FFP1 | FFP2 | FFP2 | FFP3 |
| Minimum filter efficiency | 78% | 92% | 92% | 98% |
| Exposure limit fine particles up to | 4xTLV | 12xTLV | 12xTLV | 50xTLV |
| Valve | yes | no | yes | yes |
| Vertically foldable | yes | yes | yes | yes |

**MATERIALS**

Filter: Polypropylene Fabric
Elastics: latex-free
Valve: rigid plastic (excluding 25665)
Valve Membrane: Synthetic Rubber (excluding 25665)
Nose Piece: Polypropylene coated steel adjustable
Nose Pad: Polyurethane (PU) Foam

# 3M™ EARLOOP MASK 1826

25545

- **25545 3M™ STANDARD EAR-LOOP MASK 1826 - box of 50**

Surgical 3 ply flat earloop face mask for patient protection. Three plies: 2 external woven non woven and 1 internal with high filtering capacity. It has filtering power > 98% and is classified type II product, compliant with UNI EN 14683:2006.

# CONE MASKS FFP2, FFP3 WITH VALVE

- **26006 CONICAL FFP2 MASK WITH VALVE - box of 10**
- **26007 CONICAL FFP3 MASK WITH VALVE - box of 5**

Conical disposable filtering face mask with exhalation valve, for protection against particles and solid or liquid aerosol. Adjustable nose piece and elastic head band. Exhalation valve reduces the accumulation of humidity and heat. Norms: EN 149:2001 + A1:2009. High protection: 94% (FFP2), 99% (FFP3)

26006

26007
FFP3 with valve

# IMPERMEABLE, ABSORBENT, ANTI-SLIP MAT FOR FLOORS

**IMPERMEABLE ANTI-SLIP ABSORBENT BLUE COLOUR MAT FOR FLOORS**

Pre-cut or roll mats to be positioned on the floor of the operating room or near the sink in the pre-operating theatre for holding liquids that could fall on the floor. Mats have high absorbent capacity and optimal speed absorbency. The mats distribute the absorbed liquid by capillary method and maintain it at his internal structure avoiding the lifts on surface. The special film at rear side blocks the mat on the floor and keeps it stopped without using adhesive matters, which could release glue traces on the floor. They are perfectly adherent at the ground, avoiding risk of accidents.

**Absorbent rolls**

They have 3 different absorbences. Can be cut at desired size.

**Trolley for rolls**

Made in stailess steel with 4 pivoting wheels (2 with brake). Turning base, for rolls with height up to 1 m.

25166 + 25169

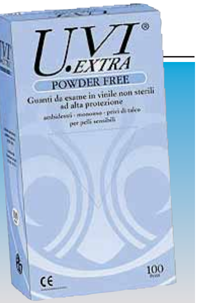
25169

| GIMA code | ABSORBENT PRE-CUT MATS | | Minimum order |
|---|---|---|---|
| | Size | Absorbence | |
| **25150** | 90x90 cm | 1,700 ml/m$^2$ | box of 70 |
| **25151** | 90x120 cm | 1,700 ml/m$^2$ | box of 50 |
| **25152** | 90x150 cm | 1,700 ml/m$^2$ | box of 40 |
| **25153** | 90x200 cm | 1,700 ml/m$^2$ | box of 30 |
| **25154** | 90x250 cm | 1,700 ml/m$^2$ | box of 20 |
| | **ABSORBENT ROLLS** | | |
| **25165** | 90 cm x 50 m | 1,700 ml/m$^2$ | 1 |
| **25166** | 90 cm x 50 m | 2,500 ml/m$^2$ | 1 |
| **25167** | 90 cm x 50 m | 3,500 ml/m$^2$ | 1 |
| | **TROLLEY FOR ROLLS** | | |
| **25169** | Trolley for absorbent rolls | | 1 |

# VINYL GLOVES

*Elasticized for extra sensitivity and optimal grip. Powder free, ideal for sensitive skins.*
25716
**EXTRA SOFT POWDER FREE VINYL GLOVES**

*Pre-powdered*
25701
**VINYL GLOVES**


*Powder free, ideal for sensitive skin*
25692
**POWDER FREE VINYL GLOVES**

**VINYL GLOVES:**
Sensitivity and protection. Gloves made in polyvinyl chloride, latex-free. Ideal gloves for everyday use, they ensure protection and sensitivity.
Suitable in hospital, ambulatory and for dressing.
Suitable also for laboratory use. Packed in dispenser box of 100 units.
MD class I. PPE cat III. **EN455-EN374-AQL<1.5**

| Powder free elasticized | Powder free | Pre powdered | VINYL GLOVES - NON STERILE (box of 100) |
|---|---|---|---|
| **25716** | **25692** | **25701** | Small size - NON sterile |
| **25717** | **25693** | **25702** | Medium size - NON sterile |
| **25718** | **25694** | **25703** | Large size - NON sterile |

# LATEX GLOVES

*Pre-powdered*
25706
**PURE LATEX GLOVES**

*Powder free, ideal for sensitive skin*
25711
**POWDER FREE LATEX GLOVES**

*Extra long: 400 mm for extra protection of operator*
25691
**EXTRA LONG POWDER FREE LATEX GLOVES**

**LATEX GLOVES - ambidextrous - with hem**
Pure latex gloves non sterile.
Sensible and resistant, ensure optimal grip and protection.
Suitable in hospital, ambulatory and for dressing.
Suitable also for laboratory use.
Packed in dispenser of 100 (dispenser of 50 for extra long gloves).
Medical device Class I. PPE cat III. **EN455-EN374-AQL<1.5**

| Pre powdered | Powder free | LATEX GLOVES NON STERILE (box of 100) |
|---|---|---|
| **25706** | **25711** | Small size - NON sterile |
| **25707** | **25712** | Medium size - NON sterile |
| **25708** | **25713** | Large size - NON sterile |
| **25408** | **25410** | Extra large size - NON sterile |
| Pre powdered | Powder free | **LATEX GLOVES EXTRA LONG NON STERILE (box of 50)** |
| - | **25691** | Medium extra long size 400 mm |

# LATEX SURGICAL GLOVES - STERILE

**STERILE SURGICAL GLOVES**
*Pre-powdered*
25685

**POWDER FREE STERILE SURGICAL GLOVES**
*Powder free*
25695
*Super grip*

**LATEX STERILE SURGICAL GLOVES**
The micro textured surface assures a very good grip in any different condition of use. High protection and anatomic shape assure a very good comfort.
Sterilized by ETO. Length 300 mm.
Conform to USP: international pharmacopoeia.
Packed in dispenser of 50 pairs.
MD Class II A. PPE cat III. **EN455-EN 374-AQL<1.5**

| Pre powdered | Powder free | LATEX SURGICAL GLOVES STERILE - box of 50 pairs |
|---|---|---|
| **25685** | **25695** | Size 6.5 - sterile |
| **25686** | **25696** | Size 7 - sterile |
| **25687** | **25697** | Size 7.5 - sterile |
| **25688** | **25698** | Size 8 - sterile |
| **25689** | **25699** | Size 8.5 - sterile |

# LATEX - EXTRA LIGHT

**PRO EXTRA LIGHT LATEX GLOVES - ambidextrous**
Disposable sensitive pure latex gloves non sterile.
Suitable for personal protection. **AQL <1.5**

| GIMA code | LATEX GLOVES - box of 100 |
|---|---|
| **25420** | Small size - non sterile |
| **25421** | Medium size - non sterile |
| **25422** | Large size - non sterile |

## NITRILE GLOVES - POWDER FREE

25681 25683 25415

**NITRILE GLOVES**
Disposable nitrile examination gloves, powder free and latex free, extremely sensitive and resistant.
The micro textured surface ensures an optimal grip.
Suitable for use in hospital.
Packed in dispenser of 100. Medical device Class I.
PPE (Personal Protective Equipment) cat III. **EN455-EN374-AQL<1.5**

| Standard regular blue 4.9 g* | Veloforte ice blue 3.5 g* | Zero regular blue 3 g* | NITRILE GLOVES NON STERILE (box of 100) |
|---|---|---|---|
| **25680** | **25679** | **25415** | Small - non sterile |
| **25681** | **25683** | **25416** | Medium - non sterile |
| **25682** | **25684** | **25417** | Large - non sterile |
| - | - | **25418** | Extra large - non sterile |

*Weight for single glove - medium size*

## NITRILE EXTRA LONG - 400 mm

- **25405 NITRILE GLOVES - extra long - blue**

Disposable nitrile examination gloves powder-free and latex free. The micro textured surface assures a very good grip. Suitable in hospital. The 400 mm length and resistance offer high level of protection. Packed in dispenser of 50. Non sterile. Medical device Class I. PPE cat III. **EN455-EN374-AQL<1.5**

25405

## COPOLYMER GLOVES

**COPOLYMER GLOVES ON PAPER**
Examination gloves, elasticized, medium size, for gynaecological use. MD class 1.

- **25714 COPOLYMER GLOVES - non sterile**

**minimum order: 10 packs of 100 pieces = 1,000 pcs.**

- **25709 COPOLYMER GLOVES - sterile**

Sterilized by ETO. AQL <1.5
Individually packed.
**minimum order: pack of 100 pieces**

CE 0373

25714

25709

## GLOVES DISPENSER

*Dimension: 257x100xh 134 mm*

*Weight: 322 g*

- **25430 GLOVES DISPENSER**

Holds a standard box of 100 gloves. It is made of unbreakable washable thermoplastic material. It can be easily hung to the wall (screw not included) and into ambulances in a vertical or horizontal position. It is made of two parts: the base, which is fixed and the cover, which can be easily removed once the box of gloves needs to be replaced.

## NITRILE LONG - 300 mm

- **25396 NITRILE GLOVES - small - regular blue - box of 100**
- **25397 NITRILE GLOVES - medium - regular blue - box of 100**
- **25398 NITRILE GLOVES - large - regular blue - box of 100**

Disposable nitrile examination gloves powder-free and latex-free. The 300 mm length and 5.7 g weigth ensure a high level of protection. The micro textured surface ensures a very good grip. Suitable for use in hospital. Medical device. Class I - EN455. PPE (Personal Protection Equipment) Cat III. **EN420, EN374, EN388 AQL<1.5**

25396
*Non sterile*

## COTTON GLOVES

*6.5 cm extra long cuff*

| White | Size | Length cm min | Length cm max | Weight g min | Weight g max | Minimum order |
|---|---|---|---|---|---|---|
| **25864** | Size 6.5 | 20 | 22 | 18 | 20 | box of 10 pairs |
| **25865** | Size 7 | 21 | 23 | 19 | 21 | box of 10 pairs |
| **25866** | Size 7.5 | 23 | 25 | 21 | 23 | box of 10 pairs |
| **25867** | Size 8 | 24 | 26 | 23 | 25 | box of 10 pairs |
| **25868** | Size 8.5 | 25 | 27 | 25 | 27 | box of 10 pairs |
| **25870** | Mixed sizes | | | | | box of 10* pairs |

**1x size 6.5 and 8.5, 2x size 7 and 8, 4x size 7.5*

## DRACULA

- **25700 DRACULA**

Universal holder for gloves and tissue boxes, with little sharp teeth which automatically adjust to tightly hold any size of box. It's a universal holder that allows one-hand operation.

*For minimum 500 pcs we can put your logo here*

## LATEX FINGER COTS

- **25941 LATEX FINGER COTS - medium**
- **25942 LATEX FINGER COTS - large**

Latex finger cots to cover 1 finger.
Non sterile, single use, for finger protection, with talc.
**minimum order: 1.000 pcs. (10 bags of 100 pcs.)**

## NON WOVEN SURGICAL SPECIALISTIC GOWNS - STERILE

**SURGICAL SPECIALISTIC GOWNS**
Specialistic, water repellent, breathable gowns for a barrier effect to fluids and bacteria
- cotton cuffs 8 cm
- ultrasonic welding
- neck velcro closure
- 4 waist straps for internal and external closure

**Pre folded**
For easy programmed dressing
**Welded reinforcement (only 21015, 21016)**
Water-proof, breathable reinforcement on front and on sleeves ultrasonic welded.
All gowns include two dry-paper towels.
Conforms to UNI EN ISO 13795.
Made in Italy.

21020-21023

HIGH QUALITY
50 g/m²

| GIMA code | SURGICAL GOWNS STERILE | Minimum order |
|---|---|---|
| | **SURGICAL GOWNS 35 g** | |
| **21010** | Size M - length 115 cm | box 30 |
| **21011** | Size L - length 130 cm | box 30 |
| **21012** | Size XL - length 135 cm | box 30 |
| | **SURGICAL GOWNS 50 g** | |
| **21020** | Size M - length 120 cm | box 30 |
| **21021** | Size L - length 130 cm | box 30 |
| **21022** | Size XL - length 140 cm | box 30 |
| **21023** | Size XXL - length 150 cm | box 30 |
| | **REINFORCED GOWNS 35 g** | |
| **21015** | Size L - length 130 cm | box 30 |
| **21016** | Size XL - length 135 cm | box 30 |

*Surgical gowns*
21010-12
21020-23

*Reinforced gowns*
21015-16

## DISPOSABLE GOWNS

**DISPOSABLE SURGICAL GOWNS - green**
Disposable non-woven gowns, suitable when comfort and light protection are required.
Colour: green
Grams: 25 g/m²
One size: 110x136 cm
With cotton cuffs (26100 only).

26100

| GIMA code | NON WOVEN GOWNS | Minimum order |
|---|---|---|
| **26099** | Disposable Gowns - sterile* | box of 50 |
| **26100** | Disposable Gowns - non sterile | bag of 10 |

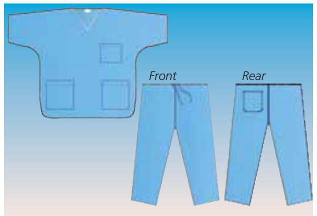
**Sterilized by ETO*

## POLYTHENE GOWNS

**DISPOSABLE POLYTHENE GOWNS - green**
Surgical polythene gowns with neck and waist laces and cotton cuff.
Made in waterproof non-woven fabric.
One size 115x140 cm
Available sterile or non sterile.
Made in Italy.

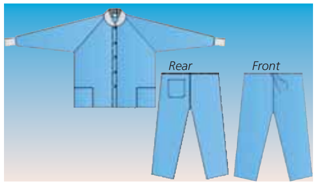
| GIMA code | POLYTHENE GOWNS | Minimum order |
|---|---|---|
| **26092** | Poly Gowns - sterile | box of 50 |
| **26093** | Poly Gowns - non sterile | box of 100 |

## NON-WOVEN UNIFORM, JACKET AND PANTS



- **26076 UNIFORM COAT+PANT - S**
- **26077 UNIFORM COAT+PANT - M**
- **26078 UNIFORM COAT+PANT - L**
- **26079 UNIFORM COAT+PANT - XL**

**minimum order: box of 50 - non sterile**
Short sleeve jacket "V" neck, with 3 pockets. Pants with rear pocket, closure by laces.



- **26023 JACKET WITH BUTTON - L**
- **26024 JACKET WITH BUTTON - XL**
- **26027 JACKET AND PANTS - L**
- **26028 JACKET AND PANTS - XL**

**minimum order: box of 50 - non sterile**
Jacket long sleeve, neck and cuffs made of elastic polyester. Front opening with snap buttons. 2 front pockets.
Pants with laces and rear pocket.

## COLONSCOPY PANTS

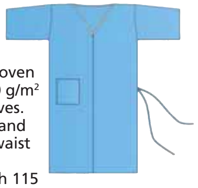
- **21030 COLONSCOPY PANTS**

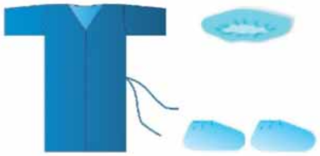
**minimum order: box of 50 - non sterile**
Colonscopy pants, fit all sizes, length 110 cm.
Elastic waist, rear opening with velcro fixing.
Made in water-repellent non-woven SMS 50g/m².

## DISPOSABLE KITS FOR PATIENT/VISITOR DRESSING - NON STERILE

- **26017 KIMONO - blue - box of 100**

Opaque non-woven SMS kimono 40 g/m² with short-sleeves.
Front opening and closing at the waist with laces.
One size: length 115 cm, width 140 cm.





- **26018 PATIENT DRESSING KIT - box of 25**

Kit includes kimono, round cap with elastic band and shoe-covers.

- **26019 VISITOR DRESSING KIT - box of 25**

Kit includes gown for visitor, round cap with elastic band, three layers mask with ear loops, polyethylene shoe-covers.

# C-FOLD AND V-FOLD HAND TOWELS

25200

25205

25202

**• 25200 C-FOLD HAND TOWELS - pack of 150 pcs.**
Pure cellulose, 1 ply. Size 23x33 (folded 23x11 cm).
**minimum order: box of 24 packs**

**• 25205 DISPENSER**
For C and V fold hand towels

**• 25202 V-FOLD HAND TOWELS - 2 plies - pack of 160 pcs.**
**minimum order: 3,200 (20 packs of 160)**
Pure wadding of cellulose, 2 plies (36 g/m²: 2x18 g/m²).
Size: 25x22.6 cm (folded 25x11.3 cm)

# ABSORBENT NON WOVEN WIPES

Non woven absorbent wipes for sanitary, health and hygienic use. Made of wood pulp, PES, spunbonded PP.

| GIMA code | ABSORBENT NON WOVEN WIPES | | | Minimum order |
|---|---|---|---|---|
| | Model | Size cm* | Weight g | |
| **25221** | Smooth | 30x40 | 45-50 | 1.400 pcs** |
| **25222** | Smooth - folded | 30x40 | 45-50 | 1.400 pcs*** |
| **25223** | Microembossed - folded | 20x40 | 45-50 | 1.400 pcs*** |

**Size accuracy: ±5%     **14 boxes of 100     ***28 boxes of 50*

# HAND TOWELS ROLLS

25210

**• 25210 HAND TOWEL ROLLS**
Pure cellulose, 2 plies (36 g/m²).
Size 23x24 cm.
N. of sheets: 252.
**minimum order: box of 12 rolls**

**• 25215 DISPENSER**
For hand towel rolls

25215

# FOLDED NAPKINS

**FOLDED NAPKINS**
Pre-coated folded napkins, made of 2 plies of pure cellulose wadding laminated with 1 ply of polyethylene, or 1 ply of pure cellulose wadding laminated with 1 ply of polyethylene. The special features of materials offer high absorbency and waterproofness to assure high comfort to the patient.

| GIMA code | FOLDED NAPKINS - pack of 500 pcs | | |
|---|---|---|---|
| | Napkins 2+1 (2 plies cellulose + 1 ply polyethylene) | | |
| **25230** | Napkins 33x45 cm | - green | ■ |
| **25231** | Napkins 33x45 cm | - light blue | ■ |
| **25232** | Napkins 33x45 cm | - pink | ■ |
| **25233** | Napkins 33x45 cm | - white | □ |
| | Napkins 1+1 (1 ply cellulose + 1 ply polyethylene) | | |
| **25226** | Napkins 33x45 cm | - blue | ■ |
| **25227** | Napkins 33x45 cm | - lilac | ■ |
| **25228** | Napkins 33x45 cm | - orange | ■ |
| **25240** | Plastic dispenser | | |
| **25239** | Chain for napkins | | |

# BOUFFANT, SURGEON CAP

**• 25675 BOUFFANT CAP - light blue**
**Minimum order: 1,000 pcs (10 bags of 100 pcs)**
- made of light weight PPSB
- breathable, soft, comfortable
- elastic headband
- medium size 21"

25675

25678

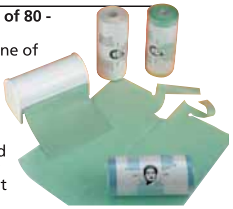
**• 25678 SURGEON CAP - green**
**• 25655 SURGEON CAP - light blue**
**Minimum order: 1,000 pcs (10 bags of 100 pcs)**

# SHOE COVERS

**• 25690 SHOE COVERS - light blue - box of 100**
**• 25676 SHOE COVERS - light blue**
**Carton of 2,000 pcs (20 bags of 100 pcs)**
- made of PPSB, breathable
- comfortable
- with elastic band

25676

# BIBS



**• 25672 BIBS - roll of 80 - 50x60 cm**
Made of 2 plies, one of highly absorbent cellulose tissue and one of waterproof polyethylene. Extremely soft and comfortable, they assure an excellent protection to the patient. Each roll has 80 bibs with pre-cut and comfortable ribbons or bi-adhesive.
**Minimum order: box of 6 rolls**

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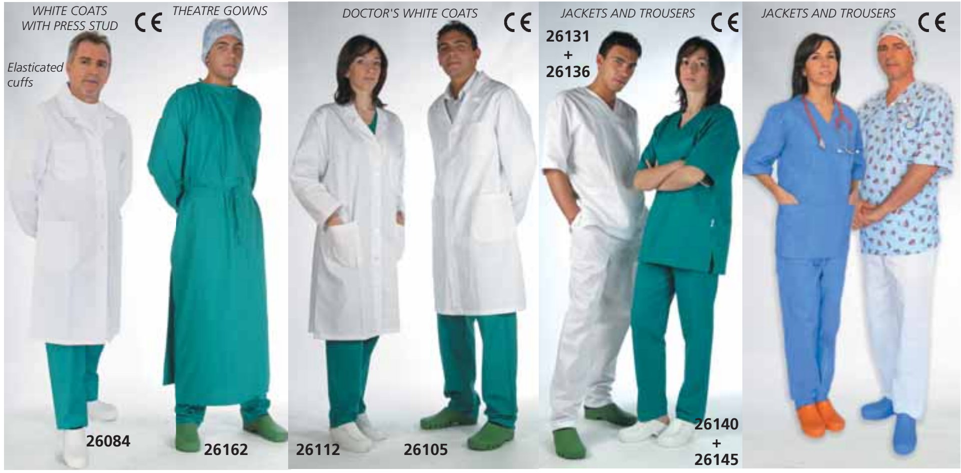
# DOCTOR'S WHITE AND SURGICAL COATS, JACKETS, TROUSERS



**100% COTTON COATS, TROUSERS AND JACKETS**
Professional and stylish line with all sizes for men and women, made in high quality 100% cotton. Doctor's white coats have 2 side pockets, 1 breast pocket and half belt. Woman and man models have buttons, unisex model has press studs and elasticated cuffs.

| THEATRE GOWNS - GREEN | |
|---|---|
| Size | Man-woman |
| 52-56 | 26162 |
| 58-62 | 26163 |

See disposable gowns, coats, pants, jackets at page 21.

| DOCTOR'S WHITE COATS 100% COTTON | | | | | |
|---|---|---|---|---|---|
| Size | | | Woman | Man | Unisex |
| Europe | USA | France | with button | with button | with press stud |
| 40 | XS | 36 | 26110 | - | 26080 |
| 42 | S | 38 | 26111 | - | 26081 |
| 44 | S | 40 | 26112 | 26098 | 26082 |
| 46 | M | 42 | 26113 | 26101 | 26083 |
| 48 | M | 44 | 26114 | 26102 | 26084 |
| 50 | L | 46 | 26115 | 26103 | 26085 |
| 52 | L | 48 | 26116 | 26104 | 26086 |
| 54 | XL | 50 | 26117 | 26105 | 26087 |
| 56 | XL | 52 | - | 26106 | 26088 |
| 58 | XXL | 54 | - | 26107 | 26089 |

| JACKETS | | | | |
|---|---|---|---|---|
| Size | White | Green | Light Blue | Fantasy |
| XS | 26124 | 26126 | 26128 | - |
| S | 26130 | 26140 | 26150 | 26170 |
| M | 26131 | 26141 | 26151 | 26171 |
| L | 26132 | 26142 | 26152 | 26172 |
| XL | 26133 | 26143 | 26153 | 26173 |
| XXL | 26134 | 26144 | 26154 | - |
| TROUSERS | | | | |
| XS | 26125 | 26127 | 26129 | - |
| S | 26135 | 26145 | 26155 | - |
| M | 26136 | 26146 | 26156 | - |
| L | 26137 | 26147 | 26157 | - |
| XL | 26138 | 26148 | 26158 | - |
| XXL | 26139 | 26149 | 26159 | - |

**60% COTTON - 40% POLYESTER COATS, TROUSERS AND JACKETS**
Professional and stylish line with all sizes for men and women, made in 60% high quality cotton and 40% polyester.
Doctor's white coats have 2 side pockets and 1 breast pocket. Man and woman model (weight 190 g) have buttons, unisex model (weight 170 g) has hidden press studs and elasticated cuffs. White jackets 190 g, coloured jacket 170 g.

| DOCTOR'S WHITE COATS 60% COTTON - 40% POLYESTER | | | | | |
|---|---|---|---|---|---|
| Size | | | Woman | Man | Unisex |
| Europe | USA | France | with button | with button | with press stud |
| 38-40 | XS | 36 | 21401 | - | 21421 |
| 42-44 | S | 38-40 | 21402 | 21412 | 21422 |
| 46-48 | M | 42-44 | 21403 | 21413 | 21423 |
| 50-52 | L | 46-48 | 21404 | 21414 | 21424 |
| 54-56 | XL | 50-52 | 21405 | 21415 | 21425 |
| 58-60 | XXL | 54-56 | - | 21416 | 21426 |
| 62-64 | XXXL | 58-60 | - | 21417 | 21427 |

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Composition: | 60% cotton - 40% polyester |
| Weight: | 200 g/m² |
| Yarn count - warp: | Ne 20 ± 2 |
| Yarn count - weft: | Ne 16 ± 2 |
| Construction - warp: | 42 ± 3 |
| Construction - weft: | 19 ± 3 |
| Breaking strength - warp: | 98 kg -5% |
| Breaking strength - weft: | 39 kg -5% |
| Fastness to washing: | 4 |
| Treatments and finishing: | crease resist |
| Dimensional stability - washing at 90°C: | 3% |

| JACKETS 60% COTTON - 40% POLYESTER | | | | |
|---|---|---|---|---|
| Size | White | Green | Light Blue | Any colour* |
| XS | 21431 | 21441 | 21451 | 21471 |
| S | 21432 | 21442 | 21452 | 21472 |
| M | 21433 | 21443 | 21453 | 21473 |
| L | 21434 | 21444 | 21454 | 21474 |
| XL | 21435 | 21445 | 21455 | 21475 |
| XXL | 21436 | 21446 | 21456 | 21476 |
| XXXL | 21437 | - | 21457 | 21477 |
| TROUSERS | | | | |
| XS | 21491 | 21501 | 21511 | 21551 |
| S | 21492 | 21502 | 21512 | 21552 |
| M | 21493 | 21503 | 21513 | 21553 |
| L | 21494 | 21504 | 21514 | 21554 |
| XL | 21495 | 21505 | 21515 | 21555 |
| XXL | 21496 | 21506 | 21516 | 21556 |
| XXXL | 21497 | - | 21517 | 21557 |

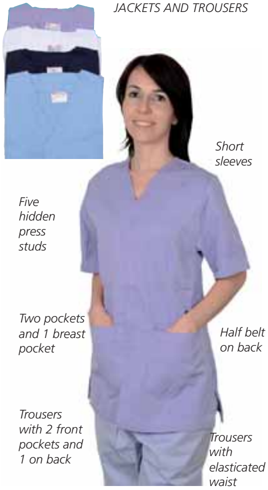
**20 COLOURS ON REQUEST***

| | | | |
|---|---|---|---|
| *Tan* | *Coco beige* | *Pale grey* | *Virtual grey* |
| *Vert anis* | *Artic green* | *Verbena* | *Empire red* |
| *Aqua* | *Prissy pink* | *Iride* | *Smokeberry* |
| *Menthe* | *Doe* | *Yellow* | *Sun orange* |
| *New azur* | *Magic azur* | *Navy* | *NYCO khaki* |

**Available in 60 days. Specify size and colour with order. Minimum order 100 mixed pieces same colour.*

**• 21398 EMBROIDERY ON COTTON-POLYESTER COATS/JACKETS ONLY**
Possibility of 1 or 2 colour logo, size 8-10 cm x 2-3 cm on coats and jackets.

# JACKETS WITH PRESS STUD AND TROUSERS


JACKETS AND TROUSERS
Short sleeves
Five hidden press studs
Two pockets and 1 breast pocket
Half belt on back
Trousers with 2 front pockets and 1 on back
Trousers with elasticated waist

**JACKET WITH STUD AND TROUSERS**

Made in pure cotton 60% and polyester 40%.
Jackets are offered in white colour or in 3 different colours.
Other 20 colours available in 60 days.

**JACKETS WITH PRESSURE STUD**

| Size | Woman | | | Unisex | | | |
|---|---|---|---|---|---|---|---|
| | White | Violet | Colour on request | White | Blue navy | Light blue | Colour on request* |
| XS | 21561 | 21571 | 21591 | 21601 | 21611 | 21621 | 21651 |
| S | 21562 | 21572 | 21592 | 21602 | 21612 | 21622 | 21652 |
| M | 21563 | 21573 | 21593 | 21603 | 21613 | 21623 | 21653 |
| L | 21564 | 21574 | 21594 | 21604 | 21614 | 21624 | 21654 |
| XL | 21565 | 21575 | 21595 | 21605 | 21615 | 21625 | 21655 |
| XXL | 21566 | 21576 | 21596 | 21606 | 21616 | 21626 | 21656 |

**TROUSERS - UNISEX**

| Size | White | Violet | Blue | Light blue | Colour on request* |
|---|---|---|---|---|---|
| XS | 21491 | 21521 | 21531 | 21511 | 21551 |
| S | 21492 | 21522 | 21532 | 21512 | 21552 |
| M | 21493 | 21523 | 21533 | 21513 | 21553 |
| L | 21494 | 21524 | 21534 | 21514 | 21554 |
| XL | 21495 | 21525 | 21535 | 21515 | 21555 |
| XXL | 21496 | 21526 | 21536 | 21516 | 21556 |
| XXXL | 21497 | - | - | 21517 | 21557 |

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Composition: | 60% cotton - 40% polyester |
| Weight: | 200 g/m² |
| Yarn count - warp: | Ne 20 ± 2 |
| Yarn count - weft: | Ne 16 ± 2 |
| Construction - warp: | 42 ± 3 |
| Construction - weft: | 19 ± 3 |
| Breaking strenght - warp: | 98 kg -5% |
| Breaking strenght - weft: | 39 kg -5% |
| Fastness to washing: | 4 |
| Treatments and finishing: | crease resist |
| Dimensional stability - washing at 90°C: | 3% |

**20 COLOURS ON REQUEST***

| | | | |
|---|---|---|---|
| *Tan* | *Coco beige* | *Empire red* | *Virtual grey* |
| *Vert anis* | *Artic green* | *Verbena* | *Kelly green* |
| *Aqua* | *Prissy pink* | *Iride* | *Smokeberry* |
| *Menthe* | *Doe* | *Yellow* | *Sun orange* |
| *RC blue* | *Magic azur* | *New azur* | *NYCO khaki* |

**Available in 60 days. Specify size and colour with order.*
*Minimum order 100 mixed pieces same colour.*

# SURGICAL CAPS

100% cotton surgical cap with fantasy pictures or green.

- **26166 GREEN CAP**
- **26165 FANTASY CAP - light blue**
- **26167 FANTASY CAP - beige**
- **26168 FANTASY CAP - red**

26165

Other colour on request. Minimum order 1,000 pieces.

26166

26167

26168

# DENTAL JACKETS

DENTAL JACKETS

**DENTAL JACKETS**

Short sleeves round-necked jacket with 2 buttons on right shoulder and 5 hidden buttons.
One pocket and one breast pocket.
Green colour 100% pure cotton.

**DENTAL JACKET**

| Size | Unisex green |
|---|---|
| XS | 21000 |
| S | 21001 |
| M | 21002 |
| L | 21003 |
| XL | 21004 |
| XXL | 21005 |

# PROFESSIONAL ULTRALIGHT SHOES

CE
100% Italian design Italian material

**GIMA ULTRA LIGHT SHOES**

Protective shoes meeting requirements of working shoes norms EN ISO 20347: A E SRC

- **extremely light:** only 200 g per pair
- **aerated:** lateral holes provide aeration but avoid liquid dropping in
- **anatomic:** respect natural foot anatomy
- **antishock:** maximum energy absorption in the heel zone
- **antislip:** the unique design of the sole's tread meet the SRC requirements regarding the slipping resistance
- **antistatic:** antistatic non marking element in the heel zone working even after many washings
- **washable up to 50°C:** with normal neutral detergents, resistant to chemicals or UV sterilizations used in hospitals
- **antibacterial, antimould, antifungus**

**ULTRA LIGHT SHOES**

| Size | White | Blue |
|---|---|---|
| 34 | 20000 | 20020 |
| 35 | 20001 | 20021 |
| 36 | 20002 | 20022 |
| 37 | 20003 | 20023 |
| 38 | 20004 | 20024 |
| 39 | 20005 | 20025 |
| 40 | 20006 | 20026 |
| 41 | 20007 | 20027 |
| 42 | 20008 | 20028 |
| 43 | 20009 | 20029 |
| 44 | 20010 | 20030 |
| 45 | 20011 | 20031 |
| 46 | 20012 | 20032 |
| 47 | 20013 | 20033 |

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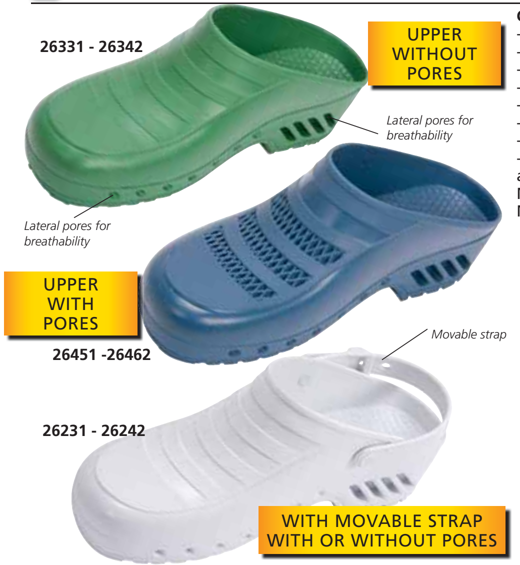
# ANTISTATIC CLOGS - AUTOCLAVABLE AT 134°C


26331 - 26342
UPPER WITHOUT PORES
Lateral pores for breathability
Lateral pores for breathability
UPPER WITH PORES
26451 -26462
Movable strap
26231 - 26242
WITH MOVABLE STRAP WITH OR WITHOUT PORES

**GIMA PROFESSIONAL CLOGS**

- active arch support to stimulate circulation
- antistatic material directly injected in the polymeric blend
- perforated sole for breathability and transpiration
- antislip grooved sole safe on wet floor
- machine washable, sterilizable at 134°C
- available also with strap for extra security (26471-26482)
- individually packed in carton box
- all models (with or without pores, with or without straps) are available in any size or colour (including red).

Minimum order for products not coded: 100 pairs.
Made in Italy.

AVAILABLE IN OTHER COLOURS/SIZES (minimum order 100 pairs)

| Size | UPPER WITHOUT PORES | | | | | | UPPER WITH PORES | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | White | Green | Electric Blue | Orange | Fuchsia | White with strap | White | Yellow | Blue | Violet with strap | Green with strap |
| 34-35 | 26311 | 26331 | 26351 | 26371 | - | 26231 | 26411 | - | 26451 | - | 26471 |
| 35-36 | 26312 | 26332 | 26352 | 26372 | - | 26232 | 26412 | - | 26452 | - | 26472 |
| 36-37 | 26313 | 26333 | 26353 | 26373 | - | 26233 | 26413 | - | 26453 | - | 26473 |
| 37-38 | 26314 | 26334 | 26354 | 26374 | 26394 | 26234 | 26414 | 26434 | 26454 | 26254 | 26474 |
| 38-39 | 26315 | 26335 | 26355 | 26375 | - | 26235 | 26415 | - | 26455 | 26255 | 26475 |
| 39-40 | 26316 | 26336 | 26356 | 26376 | - | 26236 | 26416 | - | 26456 | 26256 | 26476 |
| 40-41 | 26317 | 26337 | 26357 | 26377 | - | 26237 | 26417 | - | 26457 | 26257 | 26477 |
| 41-42 | 26318 | 26338 | 26358 | 26378 | 26398 | 26238 | 26418 | 26438 | 26458 | 26258 | 26478 |
| 42-43 | 26319 | 26339 | 26359 | 26379 | 26399 | 26239 | 26419 | 26439 | 26459 | 26259 | 26479 |
| 43-44 | 26320 | 26340 | 26360 | 26380 | 26400 | 26240 | 26420 | 26440 | 26460 | 26260 | 26480 |
| 45-46 | 26321 | 26341 | 26361 | 26381 | - | 26241 | 26421 | - | 26461 | - | 26481 |
| 47-48 | 26322 | 26342 | 26362 | 26382 | - | 26242 | 26422 | - | 26462 | - | 26482 |

*Movable strap*

*Antislip sole*

# ULTRA LIGHT CLOGS WITH STRAP

**GIMA ULTRA LIGHT CLOGS**

Protective clogs meeting requirements of working shoes norms EN ISO 20347 A E SRC

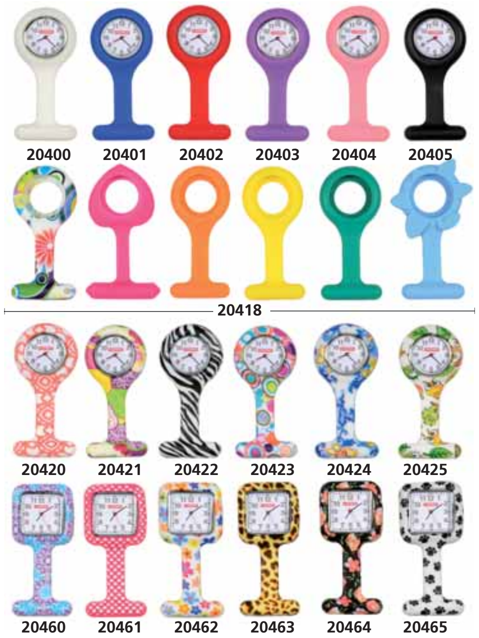
- **extremely light:** only 200 g per pair
- **aerated:** lateral holes provide aeration but avoid liquid dropping in
- **anatomic:** respect natural foot anatomy
- **antishock:** maximum energy absorption in the heel zone
- **antislip:** the unique design of the sole's tread meet the SRC requirements regarding the slipping resistance
- **antistatic:** antistatic non marking element in the heel zone working even after many washing
- **washable up to 50°C:** with normal neutral detergents, resistant to chemicals or UV sterilizations -
- **antibacterial, antimould, antifungus**

- **26206 ULTRA LIGHT CLOGS - other colour - minimum 50 pair (available in light blue, orange, black, fuchsia)**

**ULTRA LIGHT CLOGS**

| Size | White | Blue | Green |
|---|---|---|---|
| 34 | 26190 | 26210 | 26175 |
| 35 | 26191 | 26211 | 26176 |
| 36 | 26192 | 26212 | 26177 |
| 37 | 26193 | 26213 | 26178 |
| 38 | 26194 | 26214 | 26179 |
| 39 | 26195 | 26215 | 26180 |
| 40 | 26196 | 26216 | 26181 |
| 41 | 26197 | 26217 | 26182 |
| 42 | 26198 | 26218 | 26183 |
| 43 | 26199 | 26219 | 26184 |
| 44 | 26200 | 26220 | 26185 |
| 45 | 26201 | 26221 | 26186 |
| 46 | 26202 | 26222 | 26187 |
| 47 | 26203 | 26223 | 26188 |

## SILICONE NURSE WATCHES



**NURSE WATCHES**
Silicone nurse watches, provided with a safety pin.
Suitable to measure patient pulse, beat and sterilization procedure timing.
Conforming to procedures not allowing nurses to wear wrist watches.
Japan movement, watch case 35 mm, watch length 85 mm.
Shelf life of battery: 18 months from the day of first use.
Manual: GB, FR, IT, ES, PT, DE, GR, PL , Arab

| GIMA code | SILICONE WATCHES<br>Round - single colour | GIMA code | SILICONE WATCHES<br>Round - single colour with aluminium box |
|---|---|---|---|
| 20400 | White | 20410 | White |
| 20401 | Blue | 20411 | Blue |
| 20402 | Red | | **Squared - single colour with aluminium box** |
| 20403 | Purple | 20455 | Blue |
| 20404 | Pink | | |
| 20405 | Black | | |
| | **Round - fantasy** | | **Squared - fantasy** |
| 20420 | Red & white | 20460 | Violet and sky blue |
| 20421 | Colour fantasy | 20461 | Hearts |
| 20422 | Zebra | 20462 | Flowers |
| 20423 | Bubbles | 20463 | Leopard |
| 20424 | Leaves | 20464 | Roses |
| 20425 | Caterpillar | 20465 | Foot print |
| | **Silicone straps - spare** | | **Digital**** |
| 20418 | Kit of 6 silicone straps* | 20480 | Blue |

*Spare silicone straps for round watches

**Manual: GB, FR, IT, ES

## NURSE STAINLESS STEEL SCISSORS AND FORCEPS

Nurse bandage scissors - 14 cm

Straight artery forceps - 16 cm

Straight scissors blunt/sharp - 14 cm

| Model | BANDAGE* SCISSORS -14 cm | STRAIGHT* SCISSORS -14 cm | ARTERY* FORCEPS -16 cm |
|---|---|---|---|
| Standard | 34129 | 26725 | 26717 |
| Standard with belt clip | 20500 | 20520 | - |
| Green ring | 20501 | 20521 | 20541 |
| Lilac ring | 20502 | 20522 | 20542 |
| Foot print | 20509 | 20529 | 20549 |
| Leopard | 20511 | 20531 | 20551 |
| Bubbles | 20512 | 20532 | 20552 |
| Hearts | 20513 | 20533 | 20553 |

*Those powder coated instruments are not autoclavable, can be sterilized in water at maximum 110°C

## STAINLESS STEEL UTILITY AND BANDAGES SCISSORS

Plastic coloured finger-contour handles for maximum comfort.

All purpose, first aid scissors, easily cut bandages, leather and plaster casts. Autoclavable at 136°C. Instructions: GB, FR, IT, ES, PT, DE.

| UTILITY SCISSORS - box of 10 | | | |
|---|---|---|---|
| 12 cm - 4.7" | 16.5 cm - 6.5" | 19 cm - 7.5" | Colour |
| 20560 | 20570 | 20580 | Black |
| - | 20571 | 20581 | Blue |
| - | 20572 | 20582 | Red |
| - | 20573 | 20583 | Purple |
| - | 20574 | 20584 | Pink |
| 20590 | Steel chain for scissors and forceps | | |

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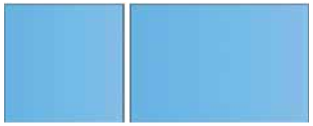
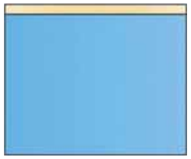
## BI-LAYER NON-WOVEN FABRIC STERILE SURGICAL DRAPES

**DRAPES**

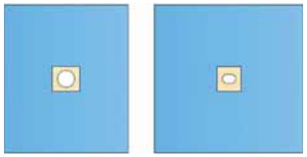


All surgical drapes are made in light-blue bi-layer water-proof non-woven fabric 54 g/m². Individually packed in PE bag, sterile (Ethylene oxide), latex free

**DRAPES WITH ADHESIVE SIDE**



**DRAPES WITH CENTRAL ADHESIVE HOLE**



Drape with hole Ø 10 cm

Drape with hole 6x9 cm

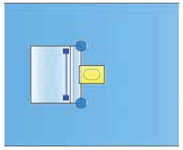
| GIMA code | DRAPES | Minimum order |
|---|---|---|
| 23600 | Drape 50x50 | box of 100 |
| 23601 | Drape 50x75 | box of 100 |
| 23602 | Drape 75x90 | box of 75 |
| 23604 | Drape 100x100 | box of 50 |
| 23606 | Drape 120x150 | box of 50 |
| 23608 | Drape 150x200 | box of 25 |

| GIMA code | DRAPES WITH ADHESIVE SIDE | Minimum order |
|---|---|---|
| 23610 | Drape 50x50 | box of 100 |
| 23611 | Drape 50x75 | box of 100 |
| 23612 | Drape 75x90 | box of 75 |
| 23614 | Drape 100x100 | box of 50 |
| 23617 | Drape 180x200 | box of 25 |
| 23618 | Drape 150x240 | box of 25 |

| GIMA code | DRAPES WITH CENTRAL ADHESIVE HOLE | Minimum order |
|---|---|---|
| 23620 | Drape 50x75 - hole 6x9 cm | box of 75 |
| 23622 | Drape 75x90 - hole 6x9 cm | box of 75 |
| 23623 | Drape 75x90 - hole Ø 10 cm | box of 75 |
| 23624 | Drape 100x100 hole Ø 10 cm | box of 50 |
| 23625 | Drape 100x150 - hole 9x18 cm | box of 25 |
| 23626 | Drape 120x150 - hole Ø 10 cm | box of 25 |

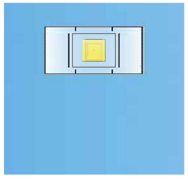
## NON-WOVEN FABRIC STERILE OPHTHALMIC SURGERY DRAPES

*Hole 6x9 cm with incision film. Single bag to receive fluids and adaptable bar.*



- **23634 OPHTHALMIC SURGERY DRAPE 80x100 cm - sterile - box of 40**

*Hole 10x10 cm with incision film. Double bag to receive fluids with adaptable bar*



- **23635 OPHTHALMIC SURGERY DRAPE 160x160 cm - sterile - box of 15**

*Hole Ø11 cm with incision film. Double bag 35x73 cm to receive fluids with adaptable bar and adaptable bar for nasal septum. Wrapped in crepe paper.*

- **23636 OPHTHALMIC SURGERY DRAPE 160x260 cm - sterile - box of 10**

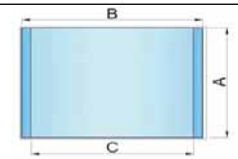
## SURGERY COTTON DRAPES

- **26495 DRAPE 90x150 cm**
- **26496 DRAPE 150x150 cm**
- **26497 DRAPE 250x150 cm**

Made in 100% high quality cotton, green colour.
Made in Europe.

## INCISION FILM - STERILE

*Its purpose is to define the anatomic part of the patient where the surgery will be done.*
*It is applied at the point where the wound is, to protect it from possible contamination.*
*Incision film made of adhesive polyurethane.*



| GIMA code | SIZE AxB | SIZE AxC | Minimum order |
|---|---|---|---|
| 23628 | 45x50 cm | 45x40 cm | box of 10 |
| 23630 | 30x35 cm | 30x25 cm | box of 50 |
| 23631 | 45x50 cm | 45x40 cm | box of 50 |
| 23632 | 60x65 cm | 60x55 cm | box of 50 |

## POLYESTER OR MICROFIBRE SURGERY DRAPES

**100% TEXTURIZED POLYESTER DRAPES**

Studied for replacing the classic cotton drape in operating rooms.
Advantages:
- it does not have particles release of dust or cotton fibers that could cause infections during surgery
- various usability on the field:
  - as a sheet under the patient
  - as a towel
  - to tamponage, considering its high absorbency
  - as a pre or post surgery cover, thanks to the capability of keeping a good body temperature

Polyester texturized fabric

- **41000 POLYESTER DRAPE 90x150 cm - light blue**
- **41001 POLYESTER DRAPE 150x150 cm - light blue**
- **41002 POLYESTER DRAPE 250x150 cm - light blue**

**MICROFIBRE DRAPES**
**(99% polyester + 1% carbon fibre)**
The microfibre line is conceived for operating room.
The characteristics and abilities are various:
- the fabric does not absorb liquids, maintaining the operating field dry;
- the fabric does not have particles release of dust or fibre that could cause infections on the patient.

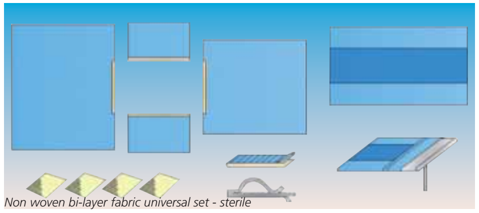
GIMA fabric is composed of polyester and carbon fibres. The addition of carbon fibres serves as protection from potential electric discharges.

Microfibre fabric

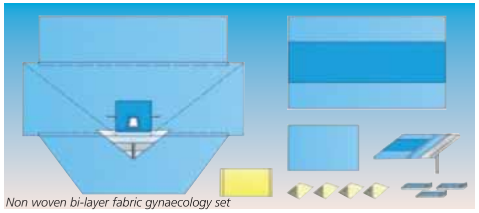
- **41009 MICROFIBRE DRAPE 90x150 cm - green**
- **41010 MICROFIBRE DRAPE 150x150 cm - green**
- **41011 MICROFIBRE DRAPE 250x150 cm - green**

Sizes of drapes may vary ±5% due to fabric processing during production phase

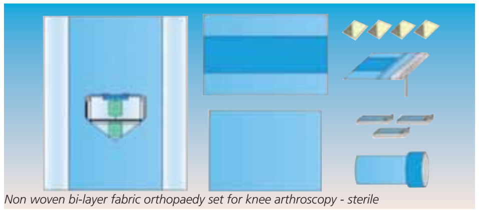
# STERILE SURGERY SETS


*Non woven bi-layer fabric universal set - sterile*

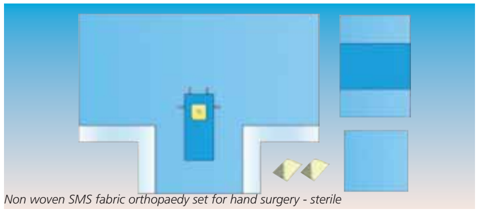
**• 23640 UNIVERSAL SET - sterile - box of 10**
1 table cover 150x200 cm with central absorbent band
1 Mayo stand cover 80x145 cm
1 standard surgical drape, 150x240 cm with adhesive tape
1 standard surgical drape, 180x200 cm with adhesive tape
2 standard surgical drapes, 75x90 cm with adhesive tape
4 towels 35x40 cm
1 adhesive strip 10x50 cm
1 tube holder 2.5x20 cm


*Non woven bi-layer fabric gynaecology set*

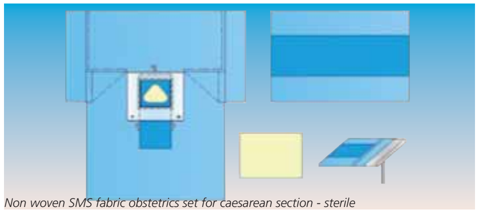
**• 23641 GYNAECOLOGY SET - sterile - box of 8**
1 table cover 150x200 cm with central absorbent band
1 Mayo stand cover 80x145 cm
1 gynaecology drape for lithotomy position 290x240 cm with adhesive hole, built-in leggings, bag for liquid collection with filter and drain valve
1 drape 75x90 cm
1 incision film 35x50 cm
3 adhesive strips 10x50 cm
4 towels 35x40 cm


*Non woven bi-layer fabric orthopaedy set for knee arthroscopy - sterile*

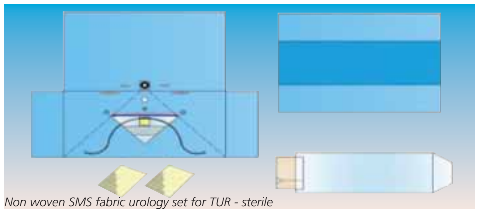
**• 23642 SET FOR KNEE ARTHROSCOPY - sterile - box of 8**
1 table cover 150x200 cm with absorbent central band
1 Mayo stand cover 80x145 cm
1 standard surgical drape, 150x180 cm
1 orthopaedy drape for arthroscopy at knee 230x320 cm with elastic hole and bag for liquid collection
1 stockinette 22x75 cm
3 adhesive strips cm 10x50 cm
4 towels 35x40 cm


*Non woven SMS fabric orthopaedy set for hand surgery - sterile*

**• 23643 SET FOR HAND SURGERY - sterile - box of 8**
1 table cover 150x200 cm with central absorbent band
1 standard surgical drape, 100x100 cm
2 towels 35x40 cm
1 T-shape drape for hand surgery 370x190x290 cm with elastic hole 5 cm and cable fixing Velcro strips


*Non woven SMS fabric obstetrics set for caesarean section - sterile*

**• 23644 SET FOR CESAREAN SECTION - sterile - box of 8**
1 table cover 150x200 cm with central absorbent band
1 Mayo stand cover 80x145 cm
1 drape for caesarean section 260x200x310 cm with incision film and bag for liquid collection
1 drape "baby blanket" 75x90 cm

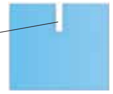

*Non woven SMS fabric urology set for TUR - sterile*

**• 23645 UROLOGY SET FOR TUR - sterile - box of 8**
1 table cover 150x200 cm with central absorbent band
1 urology drape for TUR, 200x280x220 cm with perineal and subpubic holes, bag for liquid collection with filter, adhesive tape and straps
1 camera drape 13x250 cm
2 towels 35x40 cm

*Made of non-woven bi-layer fabric. Polypropylene band*

**• 23650 Table cover 150x200 cm - sterile - box of 20**

**• 23651 Mayo stand cover 80x145 cm - sterile - box of 40**

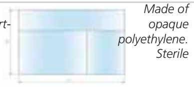


*Made of non-woven bi-layer fabric. Sterile.*

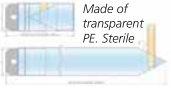
**• 23652 Drape, 200x240 cm with adhesive U shape cut - box of 15**

*Made of non-woven bi-layer fabric. Sterile.*

**• 23653 Pair of leggings 75x130 cm for urology/gynaec. - box of 20**


*With 2 compartments*
*Made of opaque polyethylene. Sterile*

**• 23654 Adhesive pocket for tools 35x42 cm - box of 100**


*Made of transparent PE. Sterile*

**• 23655 Camera drape 13x250 cm - box of 100**

*Made of transparent PE. Sterile.*

**• 23656 Bag to cover instruments 75x90 cm - box of 100**

*Sterile*

**• 23657 Adhesive strip 10x50 cm - box of 200**

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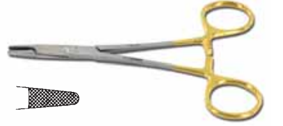
# TUNGSTEN CARBIDE INSTRUMENTS - GOLD LINE

**GOLD LINE - TUNGSTEN CARBIDE INSTRUMENTS**
A top quality theatre use Tungsten Carbide Instruments made in stainless steel AISI 410 (AISI 420 for scissors) with very hard tips made in Germany to help surgeons perform precision surgeries with best results. Highly reliable for hardness and corrosion resistance.

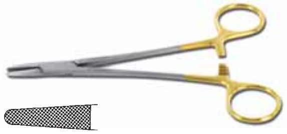
## TUNGSTEN CARBIDE NEEDLE HOLDERS - AISI 410

**26544** Webster needle holder - 12.5 cm

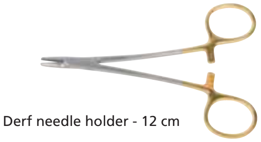

**26540** Olsen Hegar needle holder - 14 cm
**26541** Olsen Hegar needle holder - 16.5 cm
**26542** Olsen Hegar needle holder - 19 cm

**26546** Crile Wood needle holder - 15 cm
**26547** Crile Wood needle holder - 18 cm
**26545** Crile Wood needle holder - 20 cm

**26536** Mathieu needle holder - 14 cm
**26537** Mathieu needle holder - 17 cm
**26538** Mathieu needle holder - 20 cm


**26539** Mayo Hegar needle holder - 14 cm
**26530** Mayo Hegar needle holder - 16 cm
**26531** Mayo Hegar needle holder - 18 cm
**26532** Mayo Hegar needle holder - 20 cm
**26535** Mayo Hegar needle holder - 24 cm
**26533** Mayo Hegar needle holder - 26 cm
**26534** Mayo Hegar needle holder - 30 cm

**26548** Gillies needle holder - 16 cm


**26549** Derf needle holder - 12 cm

## TC MICRO NEEDLE HOLDER - AISI 410

**26550** Castroviejo Needle Holder straight - 14 cm - plain tip
**26552** Castroviejo Needle Holder curved - 14 cm - plain tip
**26553** Castroviejo Needle Holder straight - 14 cm - rough tip
**26555** Castroviejo Needle Holder curved - 14 cm - rough tip
**26551** Castroviejo Needle Holder straight - 18 cm - rough tip
**26556** Castroviejo Needle Holder straight - 21 cm - rough tip
**26557** Castroviejo Needle Holder curved - 21 cm - rough tip

**26554** Castroviejo - 13 cm

*Smooth*
**38600** Barraquer Micro needle holder - 13 cm - smooth tips - with lock

**38610** Arruga needle holder - straight - 16 cm plain tips
**38611** Arruga needle holder - curved - 16 cm plain tips

## TUNGSTEN CARBIDE FORCEPS - AISI 410

**LONG LASTING JOINT
GERMAN TIPS**

**26560** Adson - 12 cm
**26561** Adson 1x2 teeth - 12 cm

**38552** Cushing forceps - 18 cm

**26562** Micro Adson forceps - 12 cm - 1x2 teeth
**26563** Micro Adson forceps - 15 cm - 1x2 teeth

**38554** Cushing Taylor forceps - 18 cm - rough tips

**26558** Gillies Dissecting forceps - 15 cm - 1x2 teeth

**38560** Gerald forceps - 17 cm - rough tips

**26565** Potts Smith Dissecting forceps - 15 cm
**26566** Potts Smith Dissecting forceps - 18 cm
**26567** Potts Smith Dissecting forceps - 20 cm
**26568** Potts Smith Dissecting forceps - 23 cm
**26569** Potts Smith Dissecting forceps - 25 cm

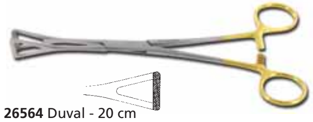
**38565** Mc Indoe forceps - 15 cm - rough tips

## TC WIRE CUTTERS - AISI 410

**26570** Wire Cutter - 14 cm - for soft wires 0-1 mm
**26571** Wire Cutter - 18 cm - for hard wires cutting up to 1.6 mm
**26572** Wire Cutter - 23 cm - for hard wires cutting up to 2.0 mm

**26575** Wire holding - 18 cm

## TC ORGAN HOLDING FORCEPS - AISI 410


**26564** Duval - 20 cm

# TUNGSTEN CARBIDE INSTRUMENTS - GOLD LINE

### TUNGSTEN CARBIDE SCISSORS - AISI 420

DOUBLE JOINT GERMAN TIPS

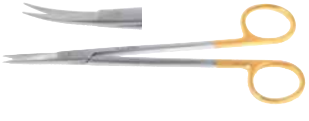
**26500** Straight scissors blunt/sharp - 14.5 cm
**26501** Straight scissors blunt/blunt - 14.5 cm
**26502** Straight scissors sharp/sharp - 14.5 cm
**26503** Curved scissors blunt/sharp - 14.5 cm
**26504** Curved scissors blunt/blunt - 14.5 cm
**26505** Curved scissors sharp/sharp - 14.5 cm

**26510** Metzenbaum scissors - straight - 14 cm
**26511** Metzenbaum scissors - straight - 18 cm
**26512** Metzenbaum scissors - straight - 20 cm
**26514** Metzenbaum scissors - curved - 14 cm
**26515** Metzenbaum scissors - curved - 18 cm
**26516** Metzenbaum scissors - curved - 20 cm

**38510** Mayo Stille scissors - straight - blunt - 15 cm
**38511** Mayo Stille scissors - curved - blunt - 15 cm
**38514** Mayo Stille scissors - straight - blunt - 17 cm
**38515** Mayo Stille scissors - curved - blunt - 17 cm

**26526** Iris scissors - straight - 11.5 cm
**26527** Iris scissors - curved - 11.5 cm

**26520** Mayo scissors - straight - 14.5 cm
**26521** Mayo scissors - straight - 18 cm
**26524** Mayo scissors - straight - 23 cm
**26522** Mayo scissors - curved - 14.5 cm
**26523** Mayo scissors - curved - 18 cm
**26525** Mayo scissors - curved - 23 cm



**38520** Kelly scissors - straight - sharp - 16 cm
**38521** Kelly scissors - curved - sharp - 16 cm

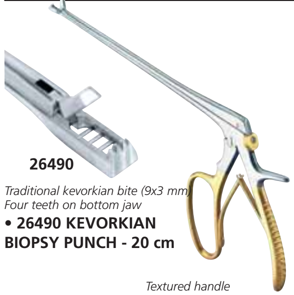
**26528** Goldman Fox scissors - straight - 13 cm
**26529** Goldman Fox scissors - curved - 13 cm

**38530** Lister scissors - 14 cm
**38532** Lister scissors - 18 cm

**26507** Debakey Potts Smith scissors - 19 cm - angle 25°
**26508** Debakey Potts Smith scissors - 19 cm - angle 45°
**26509** Debakey Potts Smith scissors - 19 cm - angle 60°
**26517** Debakey Potts Smith scissors - 23 cm - angle 25°
**26518** Debakey Potts Smith scissors - 23 cm - angle 45°
**26519** Debakey Potts Smith scissors - 23 cm - angle 60°

**26506** Universal scissors - 12 cm

# KEVORKIAN - S/S

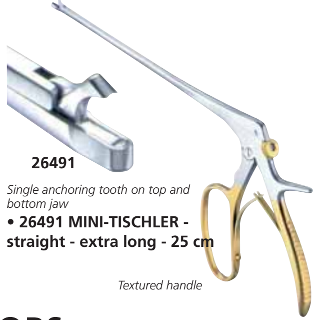


**26490**

*Traditional kevorkian bite (9x3 mm)*
*Four teeth on bottom jaw*

- **26490 KEVORKIAN BIOPSY PUNCH - 20 cm**

# MINI-TISCHLER - S/S

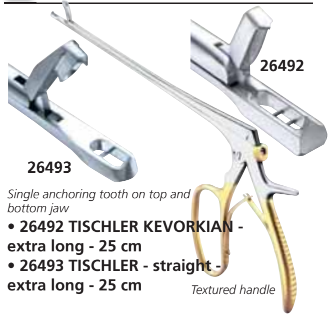


**26491**

*Single anchoring tooth on top and bottom jaw*

- **26491 MINI-TISCHLER - straight - extra long - 25 cm**

# TISCHLER - S/S

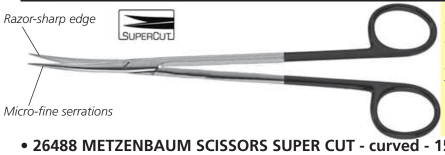


**26493**

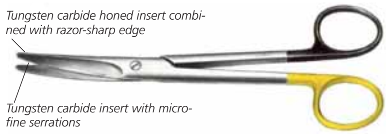
*Single anchoring tooth on top and bottom jaw*

- **26492 TISCHLER KEVORKIAN - extra long - 25 cm**
- **26493 TISCHLER - straight - extra long - 25 cm**

# SUPER CUT SCISSORS



**SUPER CUT SCISSORS**
Super Cut scissors have a specially designed razor-sharp upper blade edge that cuts effortlessly through tissue. The lower blade has micro-fine serrations to hold tissue and prevent slippage.


Tungsten carbide honed insert combined with razor-sharp edge
Tungsten carbide insert with micro-fine serrations

- **26488 METZENBAUM SCISSORS SUPER CUT - curved - 15 cm**
- **26489 METZENBAUM SCISSORS SUPER CUT - curved - 18 cm**

- **26485 MAYO SCISSORS SUPER CUT WITH T.C. - curved - 14 cm**
- **26486 MAYO SCISSORS SUPER CUT WITH T.C. - curved - 17 cm**
- **26487 MAYO SCISSORS SUPER CUT WITH T.C. - curved - 20 cm**

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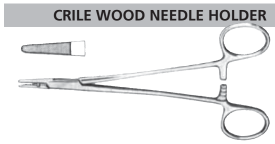
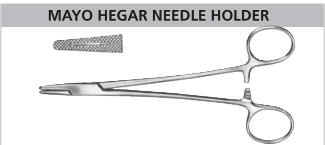
# STAINLESS STEEL NEEDLE HOLDERS

### CRILE WOOD NEEDLE HOLDER



**26852** Crile Wood needle holder - 15 cm
**26878** Crile Wood needle holder - 18 cm
**26879** Crile Wood needle holder - 20 cm

### MAYO HEGAR NEEDLE HOLDER



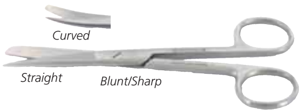
**26818** Mayo Hegar needle holder - 14 cm
**26732** Mayo Hegar needle holder - 16 cm
**26819** Mayo Hegar needle holder - 18 cm
**26733** Mayo Hegar needle holder - 20 cm

### MATHIEU NEEDLE HOLDER

**26741** Mathieu needle holder - 14 cm
**26730** Mathieu needle holder - 16 cm
**26731** Mathieu needle holder - 20 cm

# STAINLESS STEEL SURGICAL SCISSORS

### BLUNT/SHARP SCISSORS



**26754** Straight scissors blunt/sharp - 11.5 cm
**26725** Straight scissors blunt/sharp - 14.5 cm
**26729** Straight scissors blunt/sharp - 16 cm
**26853** Straight scissors blunt/sharp - 18 cm
**26726** Straight scissors blunt/sharp - 20 cm
**26755** Curved scissors blunt/sharp - 11.5 cm
**26727** Curved scissors blunt/sharp - 14.5 cm
**26756** Curved scissors blunt/sharp - 16 cm
**26854** Curved scissors blunt/sharp - 18 cm
**26728** Curved scissors blunt/sharp - 20 cm

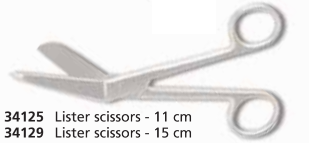
### BLUNT/BLUNT SCISSORS

**26855** Straight scissors blunt/blunt - 11.5 cm
**26740** Straight scissors blunt/blunt - 14.5 cm
**26856** Straight scissors blunt/blunt - 16 cm
**26857** Straight scissors blunt/blunt - 18 cm
**26887** Straight scissors blunt/blunt - 20 cm
**26888** Curved scissors blunt/blunt - 11.5 cm
**26742** Curved scissors blunt/blunt - 14.5 cm
**26889** Curved scissors blunt/blunt - 16 cm
**26890** Curved scissors blunt/blunt - 18 cm
**26891** Curved scissors blunt/blunt - 20 cm

### SHARP/SHARP SCISSORS

**26892** Straight scissors sharp/sharp - 11.5 cm
**26893** Straight scissors sharp/sharp - 14.5 cm
**26893** Straight scissors sharp/sharp - 16 cm
**26894** Straight scissors sharp/sharp - 18 cm
**26895** Straight scissors sharp/sharp - 20 cm
**26896** Curved scissors sharp/sharp - 11.5 cm
**26746** Curved scissors sharp/sharp - 14.5 cm
**26897** Curved scissors sharp/sharp - 16 cm
**26898** Curved scissors sharp/sharp - 18 cm
**26899** Curved scissors sharp/sharp - 20 cm

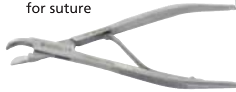
### LISTER BANDAGE SCISSORS



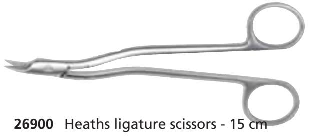
**34125** Lister scissors - 11 cm
**34129** Lister scissors - 15 cm
**34130** Lister scissors - 18 cm

### STITCH REMOVER FORCEPS/SCISSORS

**26737** Spencer scissors - 13 cm
for suture



**26722** Michel stitch remover forceps - 12 cm



**26900** Heaths ligature scissors - 15 cm

### DELIVERY SCISSORS

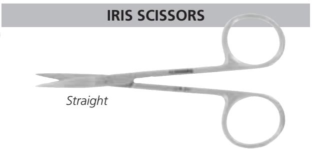
**26827** Umbilical scissors Usa model - 10.5 cm

**26874** Brown Sadler episiotomy scissors - 14 cm

### MAYO-STILLE SURGICAL SCISSORS

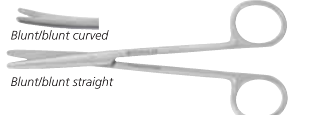
**26846** Mayo-stille scissors - straight - 14.5 cm
**26847** Mayo-stille scissors - straight - 18 cm
**26848** Mayo-stille scissors - straight - 20 cm
**26849** Mayo-stille scissors - curved - 14.5 cm
**26850** Mayo-stille scissors - curved - 18 cm
**26851** Mayo-stille scissors - curved - 20 cm

### IRIS SCISSORS



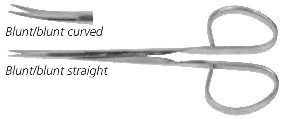
**26822** Iris scissors - straight - 11.5 cm
**26824** Iris scissors - curved - 11.5 cm

### METZENBAUM SURGICAL SCISSORS



**26840** Metzenbaum scissors - straight - 14.5 cm
**26841** Metzenbaum scissors - straight - 18 cm
**26843** Metzenbaum scissors - curved - 14.5 cm
**26844** Metzenbaum scissors - curved - 18 cm

### MICRO RIBBON SCISSORS



**26956** Ribbon scissors - straight - 9.5 cm
**26957** Ribbon scissors - curved - 9.5 cm
**26958** Ribbon scissors - straight - 12 cm
**26959** Ribbon scissors - curved - 12 cm

# DERMATOLOGY PROBES

**26825** Katsch - 14 cm

**26826** Gillies hook - 15 cm - small

**26821** Unna round - 14 cm

**26820** Unna Oval - 14 cm

**26823** Round forceps - 9 cm

# PROBES, SCALPELS

**26698** Scalpel straight blade - 13 cm
**26703** Scalpel straight blade - 17.5 cm

**26699** Scalpel pot-bellied blade - 13 cm
**26704** Scalpel pot-bellied blade - 17.5 cm

**26701** Probe D-end - 15 cm - Ø 2 mm

**26702** Butterfly probe - 14 cm

# STAINLESS STEEL SURGICAL FORCEPS

## TOWEL FORCEPS

**26743** Backhaus forceps - 9 cm
**26736** Backhaus forceps - 11 cm
**26747** Backhaus forceps - 13 cm

**26739** Backhaus Forceps for TNT - 13 cm

## DISSECTING FORCEPS

**26690** Anatomy forceps - 12 cm
**26705** Anatomy forceps - 14 cm
**26691** Anatomy forceps - 16 cm
**26706** Anatomy forceps - 18 cm
**26752** Anatomy forceps - 20 cm

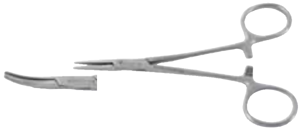
**26692** Surgery forceps - 12 cm - 1x2
**26707** Surgery forceps - 14 cm - 1x2
**26693** Surgery forceps - 16 cm - 1x2
**26708** Surgery forceps - 18 cm - 1x2
**26753** Surgery forceps - 20 cm - 1x2

**26750** Adson forceps - 12 cm
**26751** Adson forceps - 12 cm - 1x2
**26694** Micro Adson forceps - 12 cm
**26695** Micro Adson forceps - 12 cm - 1x2

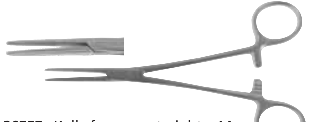
**26724** Forceps thin end - 12 cm

**26977** English Toe plain dissecting forceps - 14 cm

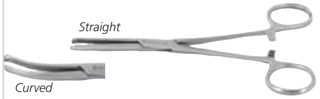
## HAEMOSTATIC FORCEPS



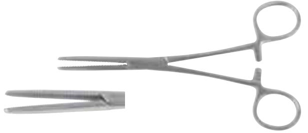
**26714** Mosquito forceps - straight - 12.5 cm
**26872** Mosquito forceps - straight - 14 cm
**26715** Mosquito forceps - straight - 16 cm
**26716** Mosquito forceps - curved - 12.5 cm
**26873** Mosquito forceps - curved - 14 cm



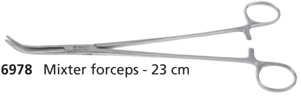
**26757** Kelly forceps - straight - 14 cm
**26717** Kelly forceps - straight - 16 cm
**26758** Kelly forceps - curved - 14 cm
**26718** Kelly forceps - curved - 16 cm



**26828** Kocher forceps - straight - 14 cm - 1x2
**26711** Kocher forceps - straight - 16 cm - 1x2
**26829** Kocher forceps - straight - 18 cm - 1x2
**26712** Kocher forceps - straight - 20 cm - 1x2
**26831** Kocher forceps - curved - 14 cm - 1x2
**26832** Kocher forceps - curved - 16 cm - 1x2
**26833** Kocher forceps - curved - 18 cm - 1x2
**26834** Kocher forceps - curved - 20 cm - 1x2

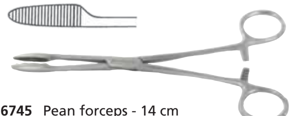


**26749** Klemmer forceps - straight - 14 cm
**26709** Klemmer forceps - straight - 16 cm
**26835** Klemmer forceps - straight - 18 cm
**26713** Klemmer forceps - straight - 20 cm
**26836** Klemmer forceps - curved - 14 cm
**26837** Klemmer forceps - curved - 16 cm
**26838** Klemmer forceps - curved - 18 cm
**26839** Klemmer forceps - curved - 20 cm

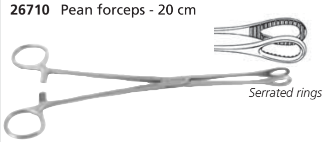


**26978** Mixter forceps - 23 cm

## DRESSING SPONGE HOLDING FORCEPS



**26745** Pean forceps - 14 cm
**26720** Pean forceps - 16 cm
**26710** Pean forceps - 20 cm

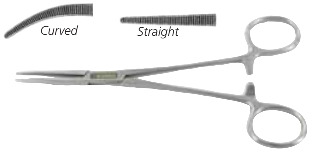


**26800** Foerster forceps - 20 cm
**26801** Foerster forceps - 25 cm

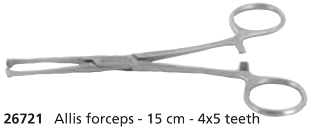
**26805** Foerster "small ring" forceps - 25 cm

**26845**

**26845** Duval 14 cm x 10 mm



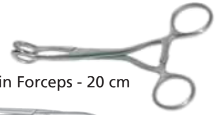
**26734** Crile forceps - straight - 16 cm
**26735** Crile forceps - curved - 16 cm



**26721** Allis forceps - 15 cm - 4x5 teeth
**26759** Allis forceps - 19 cm - 5x6 teeth

**26986** Cheron forceps - 25 cm

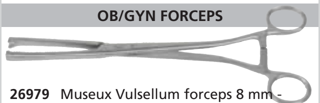
## ANESTHESIA FORCEPS



**34005** Collin Forceps - 20 cm

**34001** Magill Forceps - 15 cm - infants
**34002** Magill Forceps - 20 cm - children
**34003** Magill Forceps - 25 cm - adults

## OB/GYN FORCEPS



**26979** Museux Vulsellum forceps 8 mm - straight - 24 cm

## BONE CUTTING FORCEPS

**26983** Luer forceps - 15 cm - sharp edge

**26984** Ruskin Liston forceps - 18 cm

## DRESSING SWAB FORCEPS

**26987** Rampley forceps - 18 cm
**26988** Rampley forceps - 25 cm

**26811** Bozeman dressing forceps straight - 26 cm
**26812** Bozeman dressing forceps curved - 26 cm

# S/S INSTRUMENT KITS

26768

| GIMA code | INSTRUMENTS KIT IN ALUMINIUM BOX OR POLYESTER BAG | 26701 PROBE | 26702 BUTTERFLY PROBE | 26703 STRAIGHT BLADE | 26704 POT-BELLIED BLADE | 26705 ANATOMY FORCEPS | 26707 SURGERY FORCEPS | 26709 KLEMMER FORCEPS | 26722 STITCH REMOVER | 26723 HOOK SHARP | 26724 FORCEPS THIN END | 26725 SCISSORS BLUNT/SHARP | 26730 MATHIEU NEEDLE HOLDER | 26732 MAYO-HEGAR HOLDER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **26760** | Trousse standard - polyester bag 9 instr. | • | • | • | • | • | • |  |  | • | • | • |  |  |
| **26761** | Trousse classica - polyester bag 10 instr. | • | • | • | • | • | • |  | • |  | • | • |  | • |
| **26762** | Trousse suprema - polyester bag 11 instr. | • | • | • | • | • | • | • | • |  | • | • | • |  |
| **26768** | Trousse suprema - aluminium box 11 instr. | • | • | • | • | • | • | • | • |  | • | • | • |  |

# S/S DRESSING, SUTURE AND DELIVERY SURGERY SETS

**• 26963 DRESSING SET - 8 PIECES**

**• 26965 SUTURE SET - 12 PIECES**

**• 26966 MINOR DELIVERY SET - 25 PIECES**

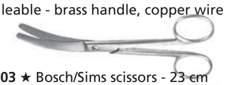
| SET CONTENTS | 26963 | 26965 | 26966 |
|---|---|---|---|
| *Kidney Dish 20 cm (8") - medium* | • | • | • |
| *Kidney Dish 25 cm (10") - large* |  |  | • |
| *Gallipot 150 ml - 6 oz - medium* | • | • | • |
| *Mayo Hegar needle holder - 18 cm* |  | • |  |
| *Brown Sadler episiotomy scissors - 14 cm* |  |  | • |
| *Kocher artery forceps - straight - 16 cm* | • | • | • |
| *Kocher artery forceps straight - 18 cm* |  |  | • |
| *Kocher artery forceps curved - 16 cm* |  | • | • |
| *Dressing Forceps (Thumb) - 16 cm* | • | • |  |
| *English TOE dissecting forceps - plain - 14 cm* | • | • | • |
| *English TOE dissecting forceps - plain - 18 cm* |  |  | • |
| *Dissecting forceps toothed 1x2 - 14 cm* |  | • | • |
| *Suture scissors - Heaths Ligature - 15 cm* |  | • |  |
| *Mayo scissors - straight - 15 cm* | • | • |  |
| *Operating scissors sharp/blunt - straight - 15 cm* |  |  | • *2 pcs.* |
| *Operating scissors sharp/blunt - curved - 15 cm* |  |  | • *2 pcs.* |
| *Rampley sponge holding forceps - str. - 18 cm* | • | • |  |
| *Rampley sponge holding forceps - str - 24 cm* |  |  | • *2 pcs.* |
| *Museux Vulsellum forceps 8 mm - str. - 24 cm* |  |  | • |
| *Cusco vaginal specula - small* |  |  | • |
| *Cusco vaginal specula - medium* |  |  | • |
| *Cusco vaginal specula - large* |  |  | • |
| *Sims vaginal specula - small* |  |  | • |
| *Sims vaginal specula - medium* |  |  | • |
| *Sims vaginal specula - large* |  |  | • |
| *Umbilical scissors USA Patent - 10.5 cm* |  |  | • |
| *Instrument tray with lid 25x30x6.2 cm* | • |  |  |
| *Instrument tray with lid 30x20x5 cm* |  | • |  |
| *Instrument tray with lid 45x30x6.2 cm* |  |  | • |

# GYNAECOLOGY INSTRUMENTS AND KIT

**26807** Novak suction cannula - 23 cm - Ø 4 mm

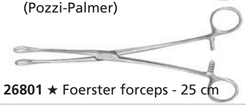
**26804** ★ Sims hysterometer - malleable - 33 cm - silver

**26816** Martin hysterometer - 30 cm - malleable - brass handle, copper wire



**26803** ★ Bosch/Sims scissors - 23 cm

**26802** ★ Schroeder forceps - 25 cm (Pozzi-Palmer)

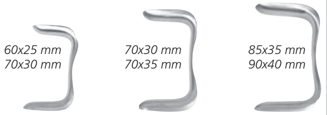


**26801** ★ Foerster forceps - 25 cm

**• 26810 GYNAECOLOGY KIT**
Includes 4 instruments marked with ★ in a nylon bag.

**26817**

**26817 Set of chrome plated Hegar Dilators**
Include 14 dilators Ø 4-17 mm



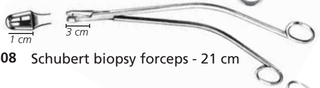
**• 26884 SET OF 3 SIMS RETRACTORS**

**26810**

*Rigid cannula with sharp tip*

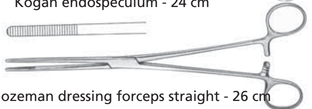
**26813** Sims uterine curette - sharp - 8 mm - 26 cm
**26814** Sims uterine curette - sharp - 9 mm - 26 cm
**26815** Sims uterine curette - sharp - 14 mm - 26 cm

**26806** Schumacher biopsy forceps - 24 cm



**26808** Schubert biopsy forceps - 21 cm

**26809** Kogan endospeculum - 24 cm



**26811** Bozeman dressing forceps straight - 26 cm
**26812** Bozeman dressing forceps curved - 26 cm

# ENT STAINLESS STEEL INSTRUMENTS AND KIT

Tongue depressors

| | |
|---|---|
| **25620** | Mayo tongue depressor - 17 cm |
| **25621** | Bruenings tongue depr - fenestrated - 19 cm ● |
| **25623** | Tobold tongue depressor |

Nose/ear speculum

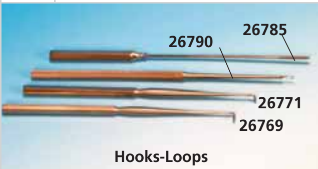
| | |
|---|---|
| **26774** | Voltolini nose speculum - adjustable - Size 2 ● |
| **26775** | Voltolini nose speculum - adjustable - Size 0 |
| **26770** | Set of 3 ear speculum Hartmann - Ø 4, 5, 6 mm ● |
| **26784** | Thudicum nose clip |

Nose Ear forceps and scissors

| | |
|---|---|
| **26773** | Lucae ear forceps - 14 cm ● |
| **26783** | Troeltsch ear forceps - 12 cm |
| **26779** | Hartmann ear forceps - 14 cm |
| **26781** | Heymann scissors - 18 cm |

Suction cannulas

| | |
|---|---|
| **26795** | Frazier nose/ear suction cannula Ø 2 mm (18 cm) |
| **26796** | Frazier nose/ear suction cannula Ø 3 mm (18 cm) |
| **26793** | Frazier nose suction cannula Ø 4 mm (18 cm) |
| **26794** | Frazier nose suction cannula Ø 5 mm (18 cm) |
| **26797*** | Rosen ear suction cannula Ø 1.5 mm (55 mm) |
| **26798*** | Rosen ear suction cannula Ø 3 mm (55 mm) |
| | *with adaptor with LUER tip and thumb valve |

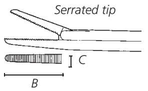


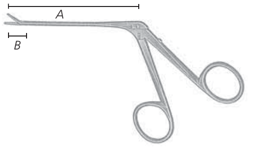
Hooks-Loops

| | |
|---|---|
| **26771** | Lucae Hook - 14 cm (5'/4") ● |
| **26769** | Lucae Hook - fine - 14 cm (5'/4") |
| **26790** | Billeau Loop - 16 cm |
| **26785** | Swab holder - 16 cm |

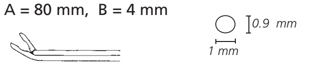
Killian/Hartmann nose forceps

| | |
|---|---|
| **26792** | Killian/Hartmann nose forceps - 14 cm (5'/4")/ 15 mm |
| **26778** | Killian/Hartmann nose forceps - 14 cm (5'/4")/ 22 mm |
| **26772** | Killian/Hartmann nose forceps - 14 cm (5'/4")/35mm ● |
| **26776** | Killian/Hartmann nose forceps - 14 cm (5'/4")/50mm |
| **26764** | Killian/Hartmann nose forceps - 14 cm (5'/4")/75mm |
| **26777** | F. O. Killian nose forceps - 14 cm/75mm fiber optic |
| **26765** | Tieck Halle nose speculum - 14 cm |

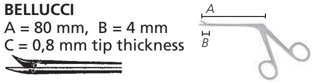
| GIMA code | Hartmann ear forceps | | | |
|---|---|---|---|---|
| | mm | | | Picture |
| | A | B | C | |
| **26782** | 90 | 11 | 0.6 |  |
| **Hartmann micro forceps** | | | | |
| **26786** | 80 | 6 | 0.3 | |
| **26787** | 80 | 4 | 0.6 | |



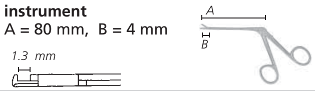
**• 26788 MICRO EAR CUP-SHAPED POLYPUS FORCEPS**
A = 80 mm, B = 4 mm



**• 26789 MICRO EAR SCISSORS BELLUCCI**
A = 80 mm, B = 4 mm
C = 0,8 mm tip thickness

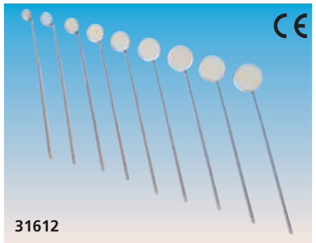


**• 26791 MICRO EAR PUNCH - introduction instrument**
A = 80 mm, B = 4 mm



**• 26780 ENT KIT** Includes all instruments marked with ● inside an aluminium box (Code 26665) 21x10xh 5 cm.

# LARYNGEAL MIRRORS AND SPIRIT LAMP



| GIMA code | LARYNGEAL MIRROR - STRAIGHT - 13 CM | Minimum order |
|---|---|---|
| **31600** | Mirror number 000 diameter 10 mm | 10 pcs. mixed sizes |
| **31601** | Mirror number 00 diameter 12 mm | |
| **31602** | Mirror number 0 diameter 14 mm | |
| **31603** | Mirror number 1 diameter 16 mm | |
| **31604** | Mirror number 2 diameter 18 mm | |
| **31605** | Mirror number 3 diameter 20 mm | |
| **31606** | Mirror number 4 diameter 22 mm | |
| **31607** | Mirror number 5 diameter 24 mm | |
| **31608** | Mirror number 6 diameter 26 mm | |

- **31616 ADJUSTABLE MIRROR HANDLE - 12.5 cm**
- **31615 ADJUSTABLE MIRROR HANDLE - 8 cm**

**• 31612 SET 9 LARYNGEAL MIRRORS 000-6**
Set of 9 laryngeal mirrors from 000 to 6, all mirrors have a different diameter: from 10 mm to 26 mm.
**minimum order: 1 set of 9 mirrors**

**• 31614 SPIRIT LAMP - 100 ml**
Lamp is made of AISI 304 stainless steel.
Brass cap to close flame area to avoid discoloration.

# PODIATRY-CHIROPODY STAINLESS STEEL INSTRUMENTS

### SCISSORS

**26870** Cuticle scissors - 9 cm

**26871** Nail scissors - 9 cm

**39700** Cuticle scissors - curved - 9.5 cm

**39710** Nostril small scissors - 9 cm

**39720** Dissecting scissors - 11.5 cm

### TWEEZERS

**26875** Tweezers - 8 cm

**26876** Tweezers - 9.5 cm

**39730** Loop excavator - 11 cm

**39735** File for nails - 13.5 cm

**39740** Excavator - 13 cm

**39746** Chisel - 14.5 cm

### PEDICURE FILES

**39790** File rasp double sided - 21.5 cm - metal handle

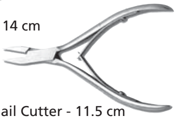
**39792** File rasp double sided - 23.5 cm - plastic handle

**39794** File rasp double sided - 24 cm - metal handle

**39798** Pedicure cutter - 14.5 cm - plastic handle
**39799** Blades for pedicure cutter - box of 10

### CUTTERS/NIPPERS

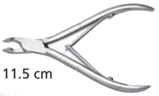
**26880** Nail Cutter - 14 cm



**26883** Ingrowing Nail Cutter - 11.5 cm

**39760** Nail Corner - 10 cm

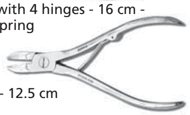
**26881** Nail Cutter Slant Jaws - 14 cm



**26885** Cuticle Nipper - 11.5 cm

**39770** Nail Cutter - 14 cm - with spiral spring

**26882** Nail Cutter with 4 hinges - 16 cm - with spiral spring



**26886** Nail Nipper - 12.5 cm

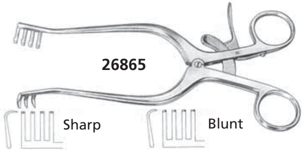
# PODIATRY STAINLESS STEEL KITS

**• 39800 HEART SHAPE KIT - blue**
*Cuticle nipper 10 cm, Nail nipper 10 cm, Nail scissors 9.5 cm, Nail file 10 cm, Pusher double ended 12 cm, Tweezers 10 cm*

**• 39805 STEEL FRAME KIT**
*Nail nipper 10 cm, Nail Scissor 9.5 cm, Cuticle scissors 9.5 cm, Cuticle pusher double ended 12 cm. Cuticle pusher and cleaner 13 cm, Tweezers 9 cm, Nail file with white plastic handle 9 cm*

**• 39810 PROFESSIONAL KIT**
*Nail nipper Moon Shape 14 cm, Side cutter 13 cm, Cuticle Nipper 10 cm, Dressing Scissors 14 cm, B.P. handle No. 4 13.5 cm, Splinter Tweezers 12 cm, Loop 14 cm, Knife & Cleaner double ended 16 cm, Nail file 12 cm, Nail file with white plastic handle 13 cm, Spatula double ended 15 cm*

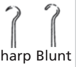
# STAINLESS STEEL RETRACTORS



**26858** Weitlaner-Loktite retractor - sharp
13 cm - 3x4 prongs
**26859** Weitlaner-Loktite retractor - blunt
13 cm - 3x4 prongs
**26865** Weitlaner Retractor - sharp
20 cm - 3x4 prongs
**26866** Weitlaner Retractor - blunt
20 cm - 3x4 prongs

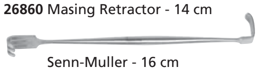
**26867** Farabeuf retractors - set of 2 - 12 cm

**26868** Frazier Hook - sharp - 13 cm
**26869** Frazier Hook - blunt - 13 cm

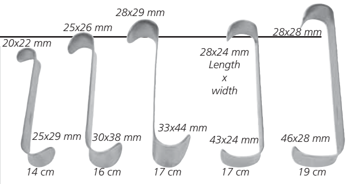


**26723** Hook - 15 cm

**26860** Masing Retractor - 14 cm



Senn-Muller - 16 cm

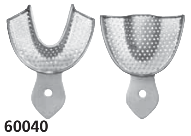


**26877** Roux Retractor set of 5 (3+2)

**26862** Volkman- 3 teeth - sharp - 22 cm
**26863** Volkman- 3 teeth - blunt - 22 cm

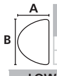
**26861** Langenbeck Retractor - 22 cm

# DENTAL STAINLESS STEEL INSTRUMENTS



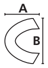
**60040**
set of 10 perforated
impression trays
(5 lower + 5 upper)

**60045**
set of 10 solid impression
trays (5 lower + 5 upper)
Above impression trays sets
have below sizes



|  | UPPER SIZES mm |  |  |  |  |
|---|---|---|---|---|---|
|  | U1 | U2 | U3 | U4 | U5 |
| A | 62 | 60 | 53 | 54 | 52 |
| B | 83 | 75 | 73 | 69 | 68 |

|  | LOWER SIZES mm |  |  |  |  |
|---|---|---|---|---|---|
|  | L1 | L2 | L3 | L4 | L5 |
| A | 63 | 61 | 57 | 60 | 53 |
| B | 82 | 81 | 78 | 74 | 71 |



### EXTRACTING-FORCEPS - FOR JAWS

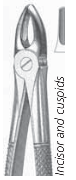


fig. 1
**60000**
**upper**
17.5 cm

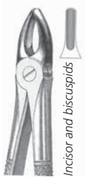


fig. 2
**60001**
**upper**
17.5 cm

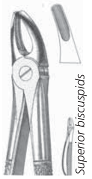


fig. 7
**60002**
**upper**
17.5 cm

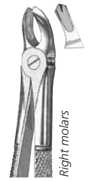


fig. 17
**60003**
**upper**
17.5 cm

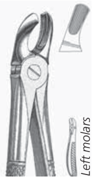


fig. 18
**60004**
**upper**
17.5 cm

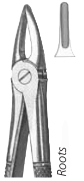


fig. 29
**60005**
**upper**
17.5 cm

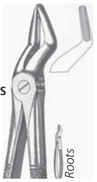


fig. 51
**60006**
**upper**
18.5 cm

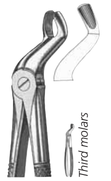


fig. 67A
**60007**
**upper**
18.5 cm

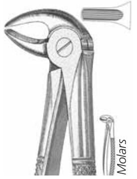


fig. 16
**60015**
**lower**
18.5 cm

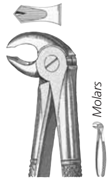


fig. 22
**60016**
**lower**
15.4 cm

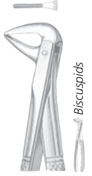


fig. 74N
**60017**
**lower**
15.1 cm

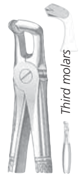


fig. 79
**60018**
**lower**
17.5 cm

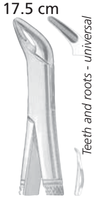
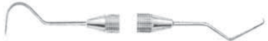


fig. 151
**60019**
**lower**
18.5 cm

### EXPLORER AND PROBES



**60101** Explorer - fig. 17/23

**60100** Explorer probe

**60105** WHO probe

### GRACEY AND Mc CALL CURETTES

**60120** Mc Call curettes - fig. 13/14

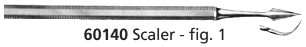
**60125** Gracey curette - fig. 1/2 ant.

**60127** Gracey curette - fig. 7/8 medium

**60130** Gracey curette - fig. 11/12 medium

**60131** Gracey curette - fig. 13/14 post.

### SCALER



**60140** Scaler - fig. 1

**60141** Mc Call scaler - fig. 18

**60142** Mitchel scaler

**60144** Langer scaler - fig. 1/2
**60145** Langer scaler - fig. 3/4

**60148** Hygienist scaler - fig. H6/7

**60150** Scaler - fig. 204S

**60155** Periodontia instr. - fig. ST 2/3

**60156** Periodontia instr.

### CARVER

**60170** Cement spatula

**60171** Wiland modelling carver

**60172** Interproximal modelling carver

**60173** Beale modelling carver - mod. 7A

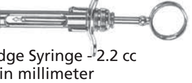
**60174** Fahnenstock - modelling carver - 13 cm

### FORCEPS

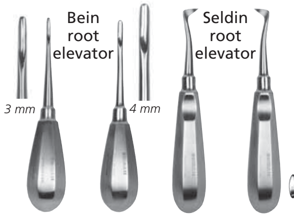
**60190** London college forceps - 15 cm

### CARTRIDGE SYRINGE

**60195**



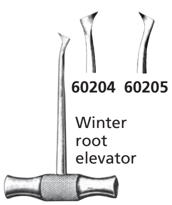
**60195** Cartridge Syringe - 2.2 cc
with thread in millimeter
with aspiration



Bein
root
elevator

Seldin
root
elevator

**60200** **60201** **60202** **60203**

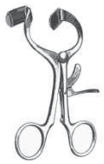


**60204** **60205**

Winter
root
elevator

**60210**

Amalgam
carrier



Molt
Mouth gag
**60220** - 11 cm
**60221** - 14 cm

**60225**

Bone Cutter
- 15 cm

**60226**

Beyer Forceps
- 18 cm

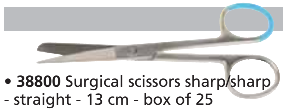
# DISPOSABLE METAL INSTRUMENTS - STERILE

A complete range of disposable instruments designed to provide users with good quality, sturdy all-metal alternative to plastic disposable instruments. Each instrument has a blue coloured part to avoid mix with reusable instruments and is individually packed in a single sterile pouch. Sterilized by Gamma radiation. Sold in box of 10 or 25 pouches.

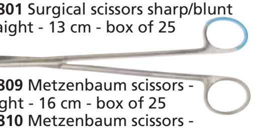
CE 0476

**BLUE HANDLES**
for instant identification
as disposable

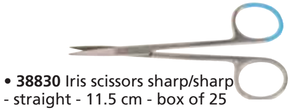
### STERILE SCISSORS



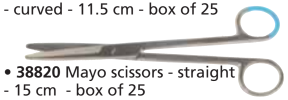
- **38800** Surgical scissors sharp/sharp - straight - 13 cm - box of 25
- **38801** Surgical scissors sharp/blunt - straight - 13 cm - box of 25



- **38809** Metzenbaum scissors - straight - 16 cm - box of 25
- **38810** Metzenbaum scissors - curved - 16 cm - box of 25
- **38812** Metzenbaum scissors - curved - 18 cm - box of 25



- **38830** Iris scissors sharp/sharp - straight - 11.5 cm - box of 25
- **38831** Iris scissors sharp/sharp - curved - 11.5 cm - box of 25



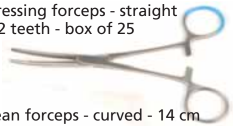
- **38820** Mayo scissors - straight - 15 cm - box of 25
- **38822** Mayo scissors - straight - 17 cm - box of 25

- **38840** Lister bandage scissors - 14 cm
- **38841** Lister bandage scissors - 16 cm
- **38842** Lister bandage scissors - 18 cm
- box of 25

- **38835** Umbilical scissors - straight - 10.5 cm - US model - box of 25

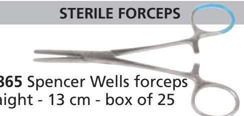
### STERILE FORCEPS

- **38850** Dressing tissue forceps - straight - 13 cm - box of 25
- **38852** Dressing tissue forceps - straight - 16 cm - box of 25
- **38851** Dressing forceps - straight - 13 cm 1x2 teeth - box of 25



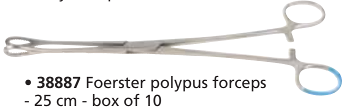
- **38860** Pean forceps - curved - 14 cm
- **38861** Pean forceps - curved - 16 cm
- **38862** Pean forceps - curved - 18 cm
- box of 25

- **38885** Splinter plain forceps - 12.5 cm - box of 25



- **38865** Spencer Wells forceps - straight - 13 cm - box of 25

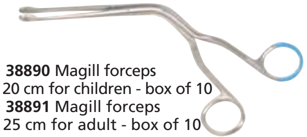
- **38875** Haemostatic Halstead-Mosquito artery forceps - straight - 12.5 cm - box of 25
- **38876** Haemostatic Halstead-Mosquito artery forceps - curved - 12.5 cm - box of 25



- **38887** Foerster polypus forceps - 25 cm - box of 10

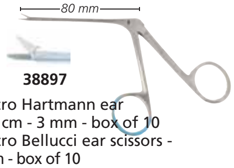
- **38870** Adson tissue forceps - straight - 12 cm - box of 25
- **38871** Adson tissue forceps - straight - 12 cm 1x2 teeth - box of 25

- **38880** McIndoe dissecting forceps - straight - 15 cm - box of 25



- **38890** Magill forceps - 20 cm for children - box of 10
- **38891** Magill forceps - 25 cm for adult - box of 10

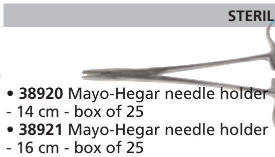
**38895**



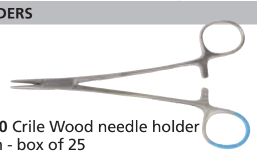
**38897**

- **38895** Micro Hartmann ear forceps - 15 cm - 3 mm - box of 10
- **38897** Micro Bellucci ear scissors - 15 cm - 3 mm - box of 10

### STERILE NEEDLE HOLDERS



- **38920** Mayo-Hegar needle holder - 14 cm - box of 25
- **38921** Mayo-Hegar needle holder - 16 cm - box of 25



- **38930** Crile Wood needle holder - 15 cm - box of 25

# SINGLE USE STERILE PROCEDURE PACKS

*Sold in box of 25*

- **38950 SUTURE REMOVAL PACK**

Iris scissors - straight - 11.5 cm
Adson tissue forceps toothed - 12 cm

*Sold in box of 25*

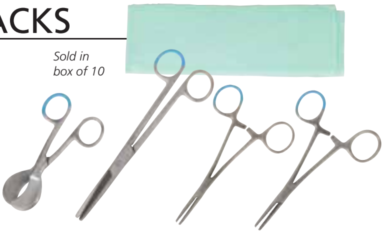
- **38951 SUTURE PROCEDURE PACK**

Spencer ligature scissors - straight - 9 cm
Adson tissue forceps toothed - 12 cm

*Sold in box of 10*

- **38952 STANDARD SUTURE PACK**

Kilner needle holder - 13 cm
Spencer Stitch scissors - straight - 9 cm
Treeves toothed dissecting forceps - 13 cm
T.O.E. (Turnover End) forceps - 13 cm
Super crepe sheet



*Sold in box of 10*

- **38953 STANDARD DELIVERY PACK**

Umbilical scissors - 10.5 cm - US model
Mayo gynaecological scissors - straight - 17 cm
2x Spencer Wells artery forceps - straight - 13 cm
2x Umbilical cord clamps
Super crepe sheet

## STERILE MEDICATION, SUTURE, CATHETERIZATION KITS

• 26930 DRESSING KIT 1 - sterile

• 26929 DRESSING KIT 2 - sterile

• 26933 CATHETERIZATION KIT - sterile

• 26936 SUTURE REMOVAL KIT 1 - sterile

• 26937 SUTURE REMOVAL KIT 2 - sterile

• 26932 SUTURE REMOVAL KIT 3 - sterile

| KIT CONTENT | Dressing | | Suture | | Suture removal | | | Catheters |
|---|---|---|---|---|---|---|---|---|
| | 26930 | 26929 | 26931 | 26934 | 26932 | 26936 | 26937 | 26933 |
| Field cloth | • | | • | | • | | | • |
| Cushing surgery forceps | | | • | | | | | |
| Needle Holder | | | • | • | | | | |
| Anatomy forceps | • | • | • | • | • | • | • | |
| Ring shaped forceps | • | • | • | | • | | | • |
| Styptic clamp (Kelly forceps) | | | • | | | | | |
| Haemostatic clamp | | | | • | | | | |
| Straight scissors | | | • | | | | | |
| Metal forceps | | • | | • | | | | |
| Littauer scissors | | • | | • | • | • | | |
| Gauze swabs 7.5x7.5 cm 8 ply | • | • | • | | • | | | |
| Gauze swabs 10x10 cm 8 ply | | | | • | • | | | |
| 4 or 5 Gauze plugs | • | | • | • | • | | | |
| 3 Gauze plugs | | • | | | • | | | |
| Gauze swabs 10x20 cm - 8 plies | | • | | | | | | |
| Gauze swab 18x40 cm | | | | | | • | | |
| Latex gloves - medium | | | • | • | • | | | |
| Vinyl gloves | | | | | | | | • |
| Disposable big bag | | | • | | • | | | • |
| Medication plaster 15x12 cm | | | | | • | | | |
| WNW (TNT)+PE drape 32x50 cm | | • | • | • | | | | • |
| WNW (TNT) compresses | | | | | | | | • |
| WNW (TNT)+PE drape 50x60 cm with hole | | | | • | | | | |
| Water syringe | | | | | | | | • |
| Single dose lubricant | | | | | | | | • |
| Single dose disinfectant | | | | | | | | • |
| Chlorexidina wipe | | | | • | | | | |
| 2 adhesive WNW (Woven Non Woven) strips | | | | • | | | | |
| Waste bag | | • | | | | | | |
| Scalpel with handle | | | | | | | • | |
| 2 cotton applicators | | | | | | | • | |

• 26931 SUTURE KIT 1 - sterile

• 26934 SUTURE KIT 2 - sterile

## GENERAL SURGERY PROCEDURE PACK

26985

**• 26985 GENERAL SURGERY PACK - sterile**
Ready to use pack including all necessity for a general surgery procedure.
Peel open PE + tyvek envelope.
Sterile EO.

**KIT CONTENT**

1 table cover 150x200 cm
2 surgical gown XL
2 adhesive drapes 75x90 cm
1 foot drape (ADH side) 150x175 cm
1 head drape (ADH side) 150x240 cm
2 syringes 10 ml
2 needles 21Gx1.5"
1 scalpel n°11
4 hand towel
1 bowl 90 ml
1 kidney dish
10 scalpel n°15
5 gauze swabs 10x20 cm
4 gauze balls 30 mm
2 foam stick 15 cm
1 basic tray

## SUTURES - FINE WOUND CLOSURE MATERIAL

**CLINISILK STERILE BLACK BRAIDED SILK SUTURE B.P.**
Non-absorbable sutures made from pure natural silk, braided to form a multifilament thread, double treated with a silicone coating to prevent capillarity and to enhance ease of passage through tissue. Silk sutures are considered to have the best handling and tying characteristics. Suture length: 45 cm. Application: soft tissue approximation and ligation.

**CLINILON STERILE BLUE MONOFILAMENT NYLON SUTURE B.P.**
Non-absorbable synthetic monofilament suture made from Polyamide 6.6. No tissue reaction, excellent tensile strength, easy handling and secure knotting.
Suture length: 45 cm. Nylon is a highly favoured material for skin closure. Application: skin closure, general soft tissue approximation and ligation.

| GIMA code | | CLINISILK AND CLINILON SUTURES - pack of 12 pcs. | | | | | |
|---|---|---|---|---|---|---|---|
| Silk | Nylon | Gauge | Metric | Needle | Needle shape | Type of needle | Suture length |
| 25910 | 25920 | 2/0 | 3 | 26 mm | 3/8 | Reverse cutting | 45 cm |
| 25911 | - | 3/0 | 2 | 22 mm | 1/2 | Conventional cutting | 45 cm |
| - | 25921 | 3/0 | 2 | 20 mm | 3/8 | Conventional cutting | 45 cm |
| 25912 | 25922 | 3/0 | 2 | 24 mm | 3/8 | Reverse cutting | 45 cm |
| - | 25923 | 3/0 | 2 | 25 mm | 3/8 | Fine conventional cutting | 45 cm |
| 25914 | 25924 | 4/0 | 1.5 | 19 mm | 3/8 | Reverse cutting | 45 cm |
| - | 25925 | 5/0 | 1 | 16 mm | 3/8 | Reverse cutting | 45 cm |
| 25916 | 25926 | 5/0 | 1 | 19 mm | 3/8 | Reverse cutting | 45 cm |
| - | 25927 | 6/0 | 0.7 | 12 mm | 3/8 | Reverse cutting | 45 cm |
| 25918 | 25928 | 6/0 | 0.7 | 16 mm | 3/8 | Reverse cutting | 45 cm |

**CLINITRO SUTURES: BLUE POLYVINYLIDENE FLUORIDE MONOFILAMENT NON ABSORBABLE PVDF SUTURE**
It is indicated in procedures where non-absorbable monofilament sutures are required, expecially skin and fascia closure. CliniTro is used in place of nylon for skin closure.
The material is much softer and more pliable.
Tensile strength is higher than nylon and knot holding is far superior.
Our SG (Super Glide) are all premium reverse cutting needles. Specifically suggested for dermatology and plastic surgery are our equivalents to Ethicon's Multipass needles.

| GIMA code | CLINITRO SUTURES - pack of 12 pcs. | | | | | |
|---|---|---|---|---|---|---|
| | Gauge | Metric | Needle | Needle shape | Type of needle | Suture length |
| 25930 | 2/0 | 3 | 24 mm | 3/8 | Reverse cutting | 70 cm |
| 25931 | 3/0 | 2 | 24 mm | 3/8 | Reverse cutting | 70 cm |
| 25932 | 4/0 | 1.5 | 19 mm | 3/8 | Reverse cutting | 70 cm |
| 25933 | 5/0 | 1 | 19 mm | 3/8 | Reverse cutting | 70 cm |
| 25934 | 5/0 | 1 | 16 mm | 3/8 | Reverse cutting | 70 cm |
| 25935 | 6/0 | 0.7 | 13 mm | 3/8 | Reverse cutting | 45 cm |

**CLINISORB STERILE VIOLET BRAIDED PGA SYNTHETIC ABSORBABLE SUTURE**
CliniSorb is a synthetic absorbable braided suture made from a polymer of Glycolic acid. This material is inert, non collagenous, non-antigenic, non-pyrogenic and has a high tensile strength and predictable absorption rate, allowing wound support for approx. 21 days, complete absorption in 56-70 days. It is treated with a surface coating to ensure smooth tissue passage and enhance knot sliding.
No risk of infection, inflammatory processes or exposure to protein digesting enzymes in the gastro intestinal tract. Suitable for both skin closure and where non-permanent wound support is indicated.Application: dental, general skin closure, gynaecology, plastic and general surgery, orthopedics and urology.

| GIMA code | CLINISORB SUTURES - pack of 12 pcs. - synthetic | | | | | |
|---|---|---|---|---|---|---|
| | Gauge | Metric | Needle | Needle shape | Type of needle | Suture length |
| 25900 | 2/0 | 3 | 24 mm | 3/8 | Reverse cutting | 70 cm |
| 25901 | 3/0 | 2 | 19 mm | 3/8 | Reverse cutting | 45 cm |
| 25902 | 4/0 | 1.5 | 19 mm | 3/8 | Reverse cutting | 45 cm |

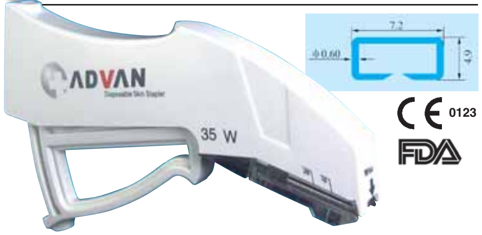
**CLINIMONO Q SYNTHETIC MONOFILAMENT**
Undyed monofilament rapid absorbable sutures composed of PGCL. Complete absorption in 90 days. Suitable for soft tissue approximation and ligation but not for cardiovascular or neurological procedures. This product is our equivalent to Ethicon's Monocryl. Also used for subcutaneous and subcuticular closure in general surgery as well as skin closure for out of town patients who cannot return to have suture removed.

| GIMA code | CLINIMONO Q SUTURES - pack of 12 pcs. | | | | | |
|---|---|---|---|---|---|---|
| | Gauge | Metric | Needle | Needle shape | Type of needle | Suture length |
| 25904 | 2/0 | 3 | 24 mm | 3/8 | Reverse cutting | 70 cm |
| 25905 | 3/0 | 2 | 24 mm | 3/8 | Reverse cutting | 70 cm |
| 25906 | 4/0 | 1.5 | 19 mm | 3/8 | Reverse cutting | 70 cm |
| 25907 | 5/0 | 1 | 16 mm | 3/8 | Reverse cutting | 70 cm |
| 25908 | 6/0 | 0.7 | 11 mm | 3/8 | Reverse cutting | 45 cm |

CE 0120

*Supplied with manual in GB, FR, IT, PT, ES, Arabic.*

## DISPOSABLE SKIN STAPLER DEVICE



CE 0123

**• 25890 DISPOSABLE STERILE SKIN STAPLER**
Simple and easy to operate. Staples are made of High Quality 317 L Stainless Steel for medical use, each device is provided of 35 staplers. High sewing up and stapling speed help shorten the time of sewing and avoid cross infection of contagious diseases. Reduced tissue reaction, thinner scar after operation and faster wound healing. Painless and convenient staples removal after the incision has healed up.
To be used for skin closure in operating room, labour and delivery, emergency department, outpatient surgery, clinics and physician's office.

## SKIN STAPLE REMOVER

25892

*Plastic handle + stainless steel tips*

*Plastic handle + stainless steel tips*

25895 CE 0086

**• 25892 DISPOSABLE REMOVER FORCEPS - box of 20 pcs.**
Practical disposable forceps for removing regular and wider size staples. Sterile.

**• 25895 SR-3 DISPOSABLE SKIN STAPLE REMOVER - box of 10 pcs.**
3M original forceps for removing staples. Sterile.

**S/S STITCH/SUTURE REMOVERS:**
- **26737 SPENCER SCISSORS - 13 cm**
- **26722 MICHEL STITCH REMOVER FORCEPS - 13 cm**

## SKIN MARKER

**• 33179 SKIN MARKER - dual tips gentian violet - box of 10**
Double tips skin marker with polypropylene cap and body. Polyester fiber tips.
**Ultra fine tip utility marker** to write on adhesive labels and infusion bags.
**Regular tip surgical skin marker** for use on patient skin.
Washable with water and soap.
Size 138xØ 12.5 mm.
Multilanguage box and manual: GB, FR, IT, DE, ES, PT, GR, PL, SE, RO, HU, Arab.

## DERMATOGRAPH MARKERS

- **33175 DERMATOGRAPH MARKER - blue**
- **33176 DERMATOGRAPH MARKER - white**
- **33177 DERMATOGRAPH MARKER - red**
- **33178 DERMATOGRAPH MARKER - mix***

*2 pencils each colour

Special dermatograph pencil to mark the skin for identification of areas to be treated. Made in cedar wood with wax lead. Size 175xØ 7 mm. Suitable for general surgery, dermatology, orthopaedy, radiology, ...
Pencils are sold non sharpened in box of 6 with 1 pencil sharpener included.
Multilanguage box and manual:
GB, FR, IT, DE, ES, PT, GR, PL, SE, RO, HU, Arab.

## SKIN MARKER - STERILE

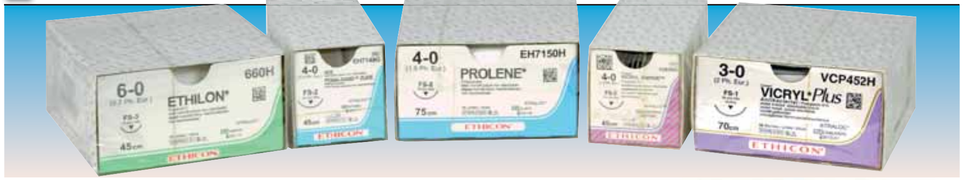
*For heavier lines, hold the pen at an angle and use the shoulder of the tips (2 mm)* ↑

CE 0120

*Hold the pen vertically while applying a fine line (0.2 mm)* ↑

**• 33181 CLINICON® - fine tip - sterile - box of 10**
The Clinicon® **Surgical Skin Marker** features a versatile tip for precise fine line marking preferred in plastic surgery or when held at an angle, broad line marking for applications in general, neuro and vascular surgery, as well as radiology and radiation therapy. The marker's high visibility Gentian violet ink is nontoxic, non tattoing and surgical prep-resistant. Markings can be removed from the skin with isopropyl (rubbing) alcohol. The package is easy to open, HIBC bar coded and includes a separate six inch, flexible ruler calibrated in both inches and centimeters. Sterile EO.

## ETHICON SUTURES - ABSORBABLE AND NON ABSORBABLE



ETHICON

| GIMA code | ETHICON code | Gauge | Metric | Colour | Circle | Needle length | Needle | Suture length | Minimum order |
|---|---|---|---|---|---|---|---|---|---|
| **NON ABSORBABLE STERILE SURGICAL SUTURES** | | | | | | | | | |
| **ETHILON - monofilament suture** | | | | | | | | | |
| **22300** | 660H | 6/0 | 0.7 | Black | 3/8 | 16 mm | FS-3 | 45 cm | box of 36 |
| **22301** | 661H | 5/0 | 1.0 | Black | 3/8 | 19 mm | FS-2 | 45 cm | box of 36 |
| **22302** | 662H | 4/0 | 1.5 | Black | 3/8 | 19 mm | FS-2S | 45 cm | box of 36 |
| **22303** | 663H | 3/0 | 2.0 | Black | 3/8 | 24 mm | FS-1 | 45 cm | box of 36 |
| **22304** | EH7506H | 3/0 | 2.0 | Black | 3/8 | 19 mm | FS-2 | 45 cm | box of 36 |
| **22305** | EW661 | 5/0 | 1.0 | Blue | 3/8 | 19 mm | FS-2 | 75 cm | box of 36 |
| **PERMA-HAND - silk sutures - braided** | | | | | | | | | |
| **22310** | 18501G | 4/0 | 1.5 | Black | 1/2 | 17 mm | J-1 | 45 cm | box of 12 |
| **22311** | 18502G | 3/0 | 2.0 | Black | 1/2 | 22 mm | X-1 | 45 cm | box of 12 |
| **22312** | 18505G | 2/0 | 3.0 | Black | 1/2 | 22 mm | X-1 | 45 cm | box of 12 |
| **22313** | 18507G | 4/0 | 1.5 | Black | Straight | 19 mm | ST-4 | 45 cm | box of 12 |
| **22314** | 18508G | 4/0 | 1.5 | Black | 3/8 | 13 mm | P-3 prime | 45 cm | box of 12 |
| **22315** | 18509G | 3/0 | 2.0 | Black | 1/2 | 22 mm | SH-1 Plus | 45 cm | box of 12 |
| **22316** | EH7149G | 4/0 | 1.5 | Black | 3/8 | 19 mm | FS-2 | 45 cm | box of 12 |
| **PROLENE - blue pigmented monifilament sutures** | | | | | | | | | |
| **22320** | EH7150H | 4/0 | 1.5 | Blue | 3/8 | 19 mm | FS-2 | 75 cm | box of 36 |
| **22321** | EH7151H | 4/0 | 1.5 | Blue | 3/8 | 19 mm | FS-2 | 45 cm | box of 36 |
| **22322** | W8873T | 6/0 | 0.7 | Blue | 3/8 | 16 mm | PC-3 Prime | 45 cm | box of 24 |

**Non absorbable surgical sutures** are indicated for use in general soft tissue approximation and/or ligation included use in cardiovascular, ophthalmic and neurosurgical procedures

| GIMA code | ETHICON code | Gauge | Metric | Colour | Circle | Needle length | Needle | Suture length | Minimum order |
|---|---|---|---|---|---|---|---|---|---|
| **ABSORBABLE STERILE SURGICAL SUTURES** | | | | | | | | | |
| **Monocryl** is indicated for use in general soft tissue approximation and/or ligation, but not for cardio, neuro, micro and ophthalmic surgery | | | | | | | | | |
| **MONOCRYL - complete absorption in 91-119 days** | | | | | | | | | |
| **22350** | Y493H | 5/0 | 1.0 | Undyed | 3/8 | 19 mm | P-3 prime | 45 cm | box of 36 |
| **Vicryl Plus** is indicated for use in general tissue approximation and/or ligation except for ophthalmic, neuro, cardiovascular | | | | | | | | | |
| **VICRYL PLUS BRAIDED - complete absorption in 56-70 days** | | | | | | | | | |
| **22360** | VCP392ZH | 4/0 | 1.5 | Violet | 3/8 | 19 mm | FS-2 | 45 cm | box of 36 |
| **22361** | VCP305H | 3/0 | 2.0 | Violet | 1/2 | 17 mm | RB-1 PLus | 70 cm | box of 36 |
| **22362** | VCP452H | 2/0 | 2.0 | Violet | 3/8 | 24 mm | FS-1 | 70 cm | box of 36 |
| **22363** | VCP453H | 2/0 | 3.0 | Violet | 3/8 | 24 mm | FS-1 | 70 cm | box of 36 |
| **Vicryl Rapid Braided** indicated only for: use in superficial soft tissue approximation of the skin and mucosa, where only short term (7-10 days) wound support is required. | | | | | | | | | |
| **VICRYL RAPID BRAIDED - complete absorption in 42 days** | | | | | | | | | |
| **22370** | V76H | 3/0 | 2.0 | Undyed | | | J-1 | 45 cm | box of 36 |
| **22371** | V2920G | 4/0 | 1.5 | Undyed | 3/8 | 19 mm | FS-2 | 45 cm | box of 12 |
| **22372** | V2930G | 3/0 | 2.0 | Undyed | 3/8 | 19 mm | FS-2 | 45 cm | box of 12 |
| **22373** | V2150G | 3/0 | 2.0 | Undyed | 1/2 | 17 mm | RB-1 PLus | 70 cm | box of 12 |
| **22374** | V2190G | 3/0 | 2.0 | Undyed | 1/2 | 22 mm | SH-1 PLus | 70 cm | box of 12 |
| **22375** | VR2298 | 3/0 | 2.0 | Undyed | 3/8 | 14 mm | FS-2 | 75 cm | box of 36 |

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## GIMA: DISPOSABLE S/S SCALPELS & STAINLESS OR CARBON STEEL BLADES

**"GIMA" DISPOSABLE BLADES - sterile - dispenser box of 100**
Surgical blades are available in high quality carbon steel and stainless steel with or without safety round tip. Manufactured in accordance with the requirements of British Standards BS 2982:1992, ISO 7740:1985, ISO 7153-1: 1991, EN 10088-3: 2005. Each blade is hallmarked and individually packed in aluminium foil. Carbon Steel blades are VPI paper protected.
Blade size is clearly identified on the reverse side of the foil peel-pack and on product unit boxes.

**27020** *Standard blade n. 10*

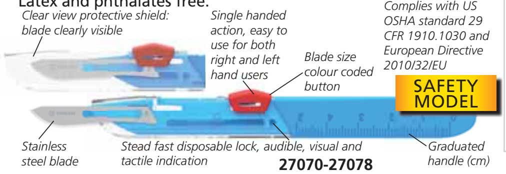
**27030** *Safety blade n. 10*

**"GIMA" DISPOSABLE SCALPELS - sterile - box of 10**
S/S blade fitted into an ABS plastic handle. Individually packed in sterilized envelope. Safety blade guard for premium model.

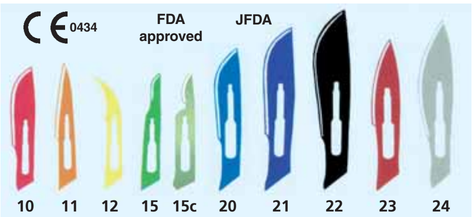
**27040-27048**

**27060-27066**

**"GIMA" SAFETY PROTECTIVE SHIELD SCALPELS - sterile**
Protective scalpels with a clear view shield that protects against injuries before use, between steps of procedure and after disposal. Latex and phthalates free.


Clear view protective shield: blade clearly visible
Single handed action, easy to use for both right and left hand users
Blade size colour coded button
Complies with US OSHA standard 29 CFR 1910.1030 and European Directive 2010/32/EU
SAFETY MODEL
Stainless steel blade
Stead fast disposable lock, audible, visual and tactile indication
Graduated handle (cm)

**27070-27078**



| GIMA code | SCALPEL HANDLES - STAINLESS STEEL |
|---|---|
| **26913** | Scalpel Handle N° 3 for blades 10-15 |
| **26914** | Scalpel Handle N° 4 for blades 20-25 |

| Carbon steel box of 100 | Stainless steel box of 100 | Safety stain. steel box of 100 | GIMA STERILIZED BLADES |
|---|---|---|---|
| **27000** | **27020** | **27030** | Sterilized blades No. 10 |
| **27001** | **27021** | - | Sterilized blades No. 11 |
| **27002** | **27022** | - | Sterilized blades No. 12 |
| **27003** | **27023** | **27033** | Sterilized blades No. 15 |
| **27009** | - | - | Sterilized blades No. 15c |
| **27004** | **27024** | **27034** | Sterilized blades No. 20 |
| **27005** | **27025** | **27035** | Sterilized blades No. 21 |
| **27006** | **27026** | **27036** | Sterilized blades No. 22 |
| **27007** | **27027** | **27037** | Sterilized blades No. 23 |
| **27008** | **27028** | **27038** | Sterilized blades No. 24 |

| Premium Model | Standard Model | Safety Model | GIMA STERILIZED DISPOSABLE SCALPELS STAINLESS STEEL (PACK OF 10 PCS.) |
|---|---|---|---|
| **27040** | **27060** | **27070** | Disposable scalpels - blade 10 |
| **27041** | **27061** | **27071** | Disposable scalpels - blade 11 |
| **27042** | **27062** | - | Disposable scalpels - blade 12 |
| **27043** | **27063** | **27073** | Disposable scalpels - blade 15 |
| **27049** | - | - | Disposable scalpels - blade 15c |
| **27044** | **27064** | **27074** | Disposable scalpels - blade 20 |
| **27045** | **27065** | **27075** | Disposable scalpels - blade 21 |
| **27046** | **27066** | **27076** | Disposable scalpels - blade 22 |
| **27047** | **27067** | **27077** | Disposable scalpels - blade 23 |
| **27048** | **27068** | **27078** | Disposable scalpels - blade 24 |

## SAFETY HANDLE

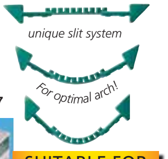
- **26915 SAFETY S/S HANDLE N 3 for blades 10-15**
- **26916 SAFETY S/S HANDLE N 4 for blades 20-25**

Innovative handle allows hand-free removal of blade in compliance with OSHA and CDC.

SHARP INJURY PREVENTION WITH SAFETY HANDLE AND BLADES

*Safety handle N°3*
*for safety blades N°10-15*

## KAI DISPOSABLE BIOPSY BLADE



**• 26935 BIOPSY BLADE - box of 20 pcs - sterile**
A new stainless steel biopsy product from the experience of KAI: blade with sure grip handle for precise biopsy.
Sterile and ready to use.
For use in dermatology, gynecology and podiatry.

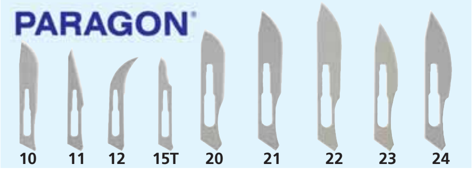
CE 0197

SUITABLE FOR SAUCERIZATION

KAI kai medical

## PARAGON BLADES AND SCALPELS

**"PARAGON" DISPOSABLE S/S BLADES - sterile**
High quality blades manufactured with best British stainless steel guarantee excellent sharpening and perfect cut control. Individually packed in metal foil. Gamma rays sterilized.



**"PARAGON" DISPOSABLE SCALPELS WITH S/S BLADE - sterile**
Grip on the plastic handle allows stability for long straight incisions. Individually packed in sterilized envelope, reinforced with blade protection, in cardboard box of 10 units.

CE 0086

**26920-26928**

| Blades box of 100 | Scalpels box of 10 | STERILE, S/S BLADE |
|---|---|---|
| **26901** | **26920** | Blade 10 |
| **26902** | **26921** | Blade 11 |
| **26903** | **26922** | Blade 12 |
| **26904** | **26923** | Blade 15T |
| **26905** | **26924** | Blade 20 |
| **26906** | **26925** | Blade 21 |
| **26907** | **26926** | Blade 22 |
| **26908** | **26927** | Blade 23 |
| **26909** | **26928** | Blade 24 |

*Multilanguage box: GB, FR, IT, ES, DE, DK, NL, GR, PT, PL, FI, RU, NO, SE*

SWANN-MORTON SEE PAGE I

## SINGLE-USE STERILE DERMAL CURETTES

CE 0197

Stainless steel sharp cutting edge for soft or weak tissue.
Size embossed on each curette for easy identification.
Sterile ready-to-use. Use once and discard eliminates need for re-sharpening and sterilization. Wide range of sizes.
**Used in the following minor surgical skin procedures:** Curettage of a basal cell carcinoma, curettage of a verruca and curettage of any other benign neoplasms of the skin.
**Clinical Areas:** dermatology, surgical, podiatry, veterinary

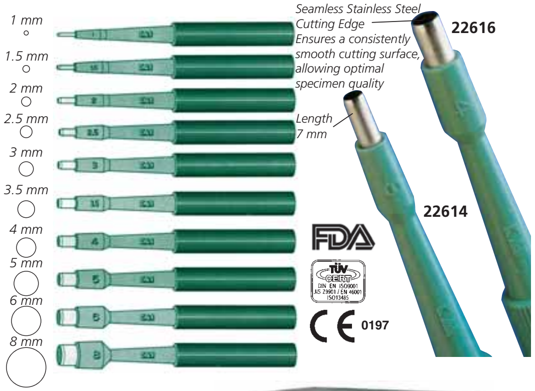
Made in Japan

| GIMA code | DERMAL CURETTES | Minimum order |
|---|---|---|
| **22602** | Dermal Curettes Ø 2 mm | box of 20 |
| **22603** | Dermal Curettes Ø 3 mm | box of 20 |
| **22604** | Dermal Curettes Ø 4 mm | box of 20 |
| **22605** | Dermal Curettes Ø 5 mm | box of 20 |
| **22606** | Dermal Curettes Ø 7 mm | box of 20 |

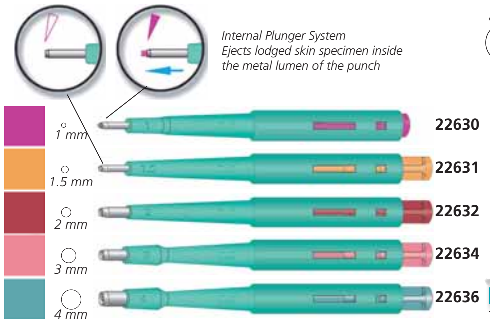
## SINGLE-USE STERILE BIOPSY PUNCHES - LATEX FREE

Stainless steel sharp cutting edge, ribbed handle for sure grip. Size embossed on each punch for easy identification. Suggested for dermatology, gynaecology, podiatry. Each punch is individually sealed in a peel-apart see-through package.

| Standard | With plunger | BIOPSY PUNCHES | Blade length mm | Minimum order |
|---|---|---|---|---|
| **22610** | **22630** | Biopsy Punches Ø 1 mm | 7 | box of 20 |
| **22611** | **22631** | Biopsy Punches Ø 1.5 mm | 7 | box of 20 |
| **22612** | **22632** | Biopsy Punches Ø 2 mm | 7 | box of 20 |
| **22613** | - | Biopsy Punches Ø 2.5 mm | 7 | box of 20 |
| **22614** | **22634** | Biopsy Punches Ø 3 mm | 7 | box of 20 |
| **22615** | - | Biopsy Punches Ø 3.5 mm | 7 | box of 20 |
| **22616** | **22636** | Biopsy Punches Ø 4 mm | 7 | box of 20 |
| **22617** | - | Biopsy Punches Ø 5 mm | 7 | box of 20 |
| **22618** | - | Biopsy Punches Ø 6 mm | 7 | box of 20 |
| **22619** | - | Biopsy Punches Ø 8 mm | 7 | box of 20 |



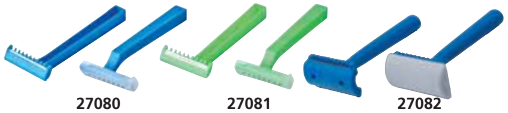
*Seamless Stainless Steel Cutting Edge Ensures a consistently smooth cutting surface, allowing optimal specimen quality*



*Internal Plunger System Ejects lodged skin specimen inside the metal lumen of the punch*

*Punches are individually packed in a transparent, sturdy, blister pack in a 20 punches dispenser box*
*Multilanguage (GB, FR, DE, ES, PT, JP)*
*Made in Japan*

## SURGICAL PREP USE RAZORS



| GIMA code | NON STERILE DISPOSABLE RAZORS stainless steel blades | Blade length | Minimum order |
|---|---|---|---|
| **27080** | Single blade - 98.6x41 mm | 35 mm | box of 100 |
| **27081** | Double blade - 98.6x41 mm | 35 mm | box of 100 |
| **27082** | Single blade with comb - 103x47 mm | 38 mm | box of 50 |

## SURGICAL CLIPPER

- **27085 SURGICAL CLIPPER**

Battery operated surgical clipper for removing body hair from patients in preparation for surgery or other procedures requiring hair removal. Blade not included.
Battery 2 x AA 1.5V not included.

- **27087 CLIPPER BLADE ASSEMBLY - sterile - box of 10 pcs**

Disposable use for each patient.
Single use blade assembly EO sterilized.

CE 0123

FDA

**ISO 13485**

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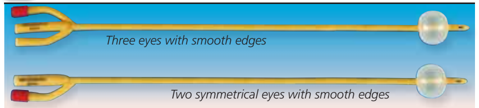
## FOLEY CATHETERS - LATEX

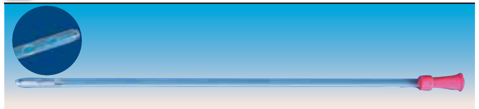

Three eyes with smooth edges
Two symmetrical eyes with smooth edges

| GIMA code | LATEX STERILE 100% SILICONE COATED FOLEY CATHETERS - SINGLE USE | Minimum order |
|---|---|---|
| | **Two-way catheters - balloon 5-10 ml - length 40 cm - soft valve** | |
| **22054** | 2-way Foley catheter ch/fr 12 - balloon 5-10 ml | box of 10 |
| **22055** | 2-way Foley catheter ch/fr 14 - balloon 5-10 ml | box of 10 |
| **22056** | 2-way Foley catheter ch/fr 16 - balloon 5-10 ml | box of 10 |
| **22057** | 2-way Foley catheter ch/fr 18 - balloon 5-10 ml | box of 10 |
| **22058** | 2-way Foley catheter ch/fr 20 - balloon 5-10 ml | box of 10 |
| **22059** | 2-way Foley catheter ch/fr 22 - balloon 5-10 ml | box of 10 |

*Ball 5-10 ml means that the ball could be from 5 ml to 10 ml*

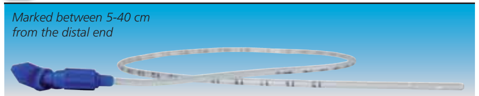
| GIMA code | LATEX STERILE 100% SILICONE COATED FOLEY CATHETERS - SINGLE USE | Minimum order |
|---|---|---|
| | **Two-ways catheters - balloon 30 ml - length 40 cm - soft valve** | |
| **22064** | 2-way Foley catheter ch/fr 12 - balloon 30 ml | box of 50 |
| **22065** | 2-way Foley catheter ch/fr 14 - balloon 30 ml | box of 50 |
| **22066** | 2-way Foley catheter ch/fr 16 - balloon 30 ml | box of 50 |
| **22067** | 2-way Foley catheter ch/fr 18 - balloon 30 ml | box of 50 |
| **22068** | 2-way Foley catheter ch/fr 20 - balloon 30 ml | box of 50 |
| **22069** | 2-way Foley catheter ch/fr 22 - balloon 30 ml | box of 50 |
| **22070** | 2-way Foley catheter ch/fr 24 - balloon 30 ml | box of 50 |
| | **Three-ways catheters - balloon 30 ml - length 40 cm - soft valve** | |
| **22077** | 3-way Foley catheter ch/fr 18 - balloon 30 ml | box of 50 |
| **22078** | 3-way Foley catheter ch/fr 20 - balloon 30 ml | box of 50 |
| **22079** | 3-way Foley catheter ch/fr 22 - balloon 30 ml | box of 50 |
| **22080** | 3-way Foley catheter ch/fr 24 - balloon 30 ml | box of 50 |

## RECTAL CATHETERS



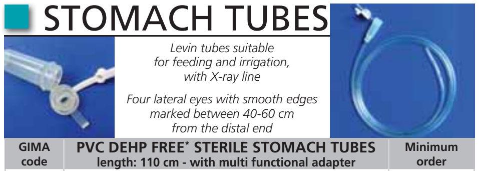
| GIMA code | PVC STERILE RECTAL CATHETERS length: 38 cm - with conical adapter | Minimum order |
|---|---|---|
| **22169** | Rectal catheters ch/fr 22 - purple | box of 100 |
| **22170** | Rectal catheters ch/fr 24 - dark blue | box of 100 |
| **22171** | Rectal catheters ch/fr 26 - white | box of 100 |
| **22172** | Rectal catheters ch/fr 28 - green | box of 100 |
| **22173** | Rectal catheters ch/fr 30 - grey | box of 100 |

## FEEDING TUBES


Marked between 5-40 cm from the distal end
Feeding tube with X-ray line

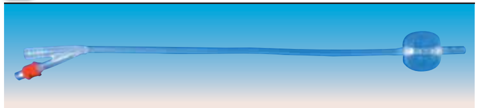
| GIMA code | PVC DEHP FREE* STERILE FEEDING TUBES length: 50 cm - with Luer fitting and sealing plug adapter | Minimum order |
|---|---|---|
| **22150** | Feeding tube ch/fr 5 - grey | box of 100 |
| **22151** | Feeding tube ch/fr 6 - light green | box of 100 |
| **22152** | Feeding tube ch/fr 8 - light blue | box of 100 |
| **22153** | Feeding tube ch/fr 10 - black | box of 100 |

## STOMACH TUBES


Levin tubes suitable for feeding and irrigation, with X-ray line
Four lateral eyes with smooth edges marked between 40-60 cm from the distal end

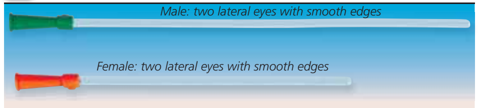
| GIMA code | PVC DEHP FREE* STERILE STOMACH TUBES length: 110 cm - with multi functional adapter | Minimum order |
|---|---|---|
| **22156** | Stomach tube ch/fr 12 | box of 100 |
| **22157** | Stomach tube ch/fr 14 | box of 100 |
| **22158** | Stomach tube ch/fr 16 | box of 100 |

## FOLEY CATHETERS - SILICONE



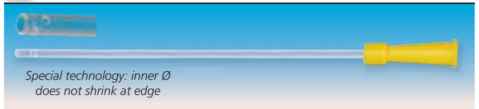
| GIMA code | 100% SILICONE STERILE FOLEY CATHETERS - SINGLE USE | Minimum order |
|---|---|---|
| | **Two-way catheters - balloon 30 ml - length 40 cm** | |
| **22096** | 2-way Foley catheter ch/fr 16 - balloon 30 ml | box of 10 |
| **22097** | 2-way Foley catheter ch/fr 18 - balloon 30 ml | box of 10 |
| **22098** | 2-way Foley catheter ch/fr 20 - balloon 30 ml | box of 10 |
| **22099** | 2-way Foley catheter ch/fr 22 - balloon 30 ml | box of 10 |
| **22100** | 2-way Foley catheter ch/fr 24 - balloon 30 ml | box of 10 |

## NELATON CATHETERS


Male: two lateral eyes with smooth edges
Female: two lateral eyes with smooth edges

| GIMA code | PVC DEHP FREE* STERILE NELATON CATHETERS two lateral eyes with smooth edges Single use | Minimum order |
|---|---|---|
| | **MALE - length 38 cm** | |
| **22003** | Male Nelaton catheter ch/fr 10 - black | box of 100 |
| **22004** | Male Nelaton catheter ch/fr 12 - white | box of 100 |
| **22005** | Male Nelaton catheter ch/fr 14 - dark green | box of 100 |
| **22006** | Male Nelaton catheter ch/fr 16 - orange | box of 100 |
| **22007** | Male Nelaton catheter ch/fr 18 - red | box of 100 |
| | **FEMALE - length 18 cm** | |
| **22022** | Female Nelaton catheter ch/fr 8 - light blue | box of 100 |
| **22023** | Female Nelaton catheter ch/fr 10 - black | box of 100 |
| **22024** | Female Nelaton catheter ch/fr 12 - white | box of 100 |
| **22025** | Female Nelaton catheter ch/fr 14 - dark green | box of 100 |
| **22026** | Female Nelaton catheter ch/fr 16 - orange | box of 100 |

## SUCTION CATHETERS



| Length | | PVC DEHP FREE* STERILE SUCTION CATHETERS with conical adapter | Minimum order |
|---|---|---|---|
| 50 cm | 90 cm | | |
| **22110** | **22120** | Suction catheter ch/fr 6 - light green | box of 100 |
| **22112** | **22122** | Suction catheter ch/fr 8 - light blue | box of 100 |
| **22113** | **22123** | Suction catheter ch/fr 10 - black | box of 100 |
| **22114** | **22124** | Suction catheter ch/fr 12 - white | box of 100 |
| **22115** | **22125** | Suction catheter ch/fr 14 - dark green | box of 100 |
| **22116** | - | Suction catheter ch/fr 16 - orange | box of 100 |
| **22117** | - | Suction catheter ch/fr 18 - red | box of 100 |
| **22118** | - | Suction catheter ch/fr 20 - yellow | box of 100 |

## CATHETER LUBRICANT GEL - STERILE

- **22104 CATHETER LUBRICANT GEL 12 ml - sterile - box of 25**

Sterile, clear, water soluble gel used before applying catheter, cystoscope or other medical instrument to urethra.
It covers urethra generating a slick layer between urethral mucosa and catheter or medical instrument.
It has antiseptic effect protecting patient from potential infection risk.
It contains Lidocaine 2%, chlorhexidine 0.05%.

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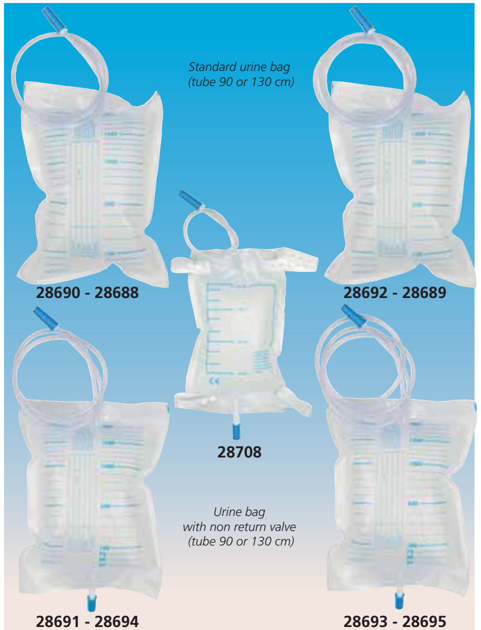
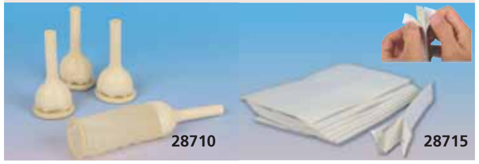
**DEHP is an additive used in the plastic industry for PVC which could be harmful to human reproductive system. Latex is totally DEHP free*

# URINE BAGS - MADE IN SPAIN

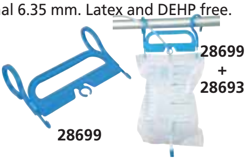




| GIMA code | URINE BAGS | Minimum order |
|---|---|---|
| | **STANDARD URINE BAGS** | |
| **28690** | Urine bag 2000 cc - tube 90 cm - polybag | box of 30* |
| **28688** | Urine bag 2000 cc - tube 90 cm - bulk | box of 250 |
| **28692** | Urine bag 2000 cc - tube 130 cm - polybag | box of 30* |
| **28689** | Urine bag 2000 cc - tube 130 cm - bulk | box of 200 |
| | **Polybag of 30 bags with tipps (Italian reimbursment label) and 1 hanger* | |
| | **URINE BAGS WITH NON RETURN VALVE** | |
| **28691** | Urine bag 2000 cc - tube 90 cm - polybag | box of 30* |
| **28694** | Urine bag 2000 cc - tube 90 cm - bulk | box of 250 |
| **28693** | Urine bag 2000 cc - tube 130 cm - polybag | box of 30* |
| **28695** | Urine bag 2000 cc - tube 130 cm - bulk | box of 200 |
| | **Polybag of 30 bags with tipps (Italian reimbursment label) and 1 hanger* | |
| | **URINE LEG BAGS WITH NON RETURN VALVE** | |
| **28707** | Urine leg bag 750 cc - tube 10 cm - polybag complete with push pull outlet device | box of 30** |
| **28708** | Urine leg bag 750 cc - tube 35 cm - polybag complete with push pull outlet device | box of 30** |
| | ***Polybag of 30 bags with 1 set of button straps* | |

Instructions in GB, FR, IT, ES, DE, PT, GR, PL. Non sterile.
Tube Ø: internal 5.05 mm, external 6.35 mm. Latex and DEHP free.

*Tipps available for 28690/1/2/3 and 28707/8*



| GIMA code | HANGER HOLDER FOR URINE BAGS | Minimum order |
|---|---|---|
| **28699** | Hanger holder for urine bag - blue - bulk | box of 200 |

| GIMA code | EXTERNAL LATEX CATHETERS | Minimum order |
|---|---|---|
| **28710** | Men external catheter Ø 30 mm - latex | box of 30 |
| **28711** | Men external catheter Ø 35 mm - latex | box of 30 |
| **28715** | Biadhesive tape 2x15x0.5 cm | box of 30 |

External catheters with knurled cap to avoid drainage system to twist on itself

# STERILE PAEDIATRIC URINE BAG FOR BOY AND GIRL

- **28685 PAEDIATRIC URINE BAG 100 ml - sterile - box of 100**

Paediatric urine bag, individually wrapped in polybag.
They can be used for boy and girl.
Graduated 10 to 100 ml, sterile.

# TRAVELJOHN™ RESEALABLE DISPOSABLE URINAL AND VOMIT BAG

- **25880 TRAVELJOHN™ DISPOSABLE URINAL 800 cc - box of 3**
- **25885 TRAVELJOHN™ DISPOSABLE URINAL 600 cc - bag of 10**
- practical super absorbent polymer pouch that instantly turns urine to gel
- no closure needed
- reusable until it is full
- waste disposal safe, simply throw away
- unisex plastic collar for easy handling
- **25887 TRAVELJOHN™ DISPOSABLE VOMIT BAG 800 cc - box of 5**
- gels instantly and water proof
- convenient sanitary and compact
- odourless and waste disposal safe

# URINE CONTAINERS

Graduated urine containers made in polypropylene with red screw cap and frosted label.
One multilanguage instruction in each carton: GB, FR, IT, ES, PT.

| GIMA code | URINE CONTAINERS - BULK | Minimum order |
|---|---|---|
| **25958** | Urine containers 120 ml | box of 300 |
| | **URINE CONTAINERS - individually wrapped** | |
| **25960** | Urine containers 60 ml - cleanroom ISO8 | box of 500 |
| **25961** | Urine containers 60 ml - sterile | box of 500 |
| **25962** | Urine containers 120 ml - cleanroom ISO8 | box of 250 |
| **25963** | Urine containers 120 ml - sterile | box of 250 |

# BIOLOGICAL COLLECTORS

Coprotainer® graduated faeces containers made in polypropylene with red screw cap and frosted label, individually wrapped.
One multilanguage instruction in each carton: GB, FR, IT, ES, PT.

| GIMA code | BIOLOGICAL CONTAINERS | Minimum order |
|---|---|---|
| **25965** | Faeces container 30 ml - cleanroom ISO8 | box of 500 |
| **25966** | Faeces container 30 ml - sterile | box of 500 |
| **25967** | Faeces container 60 ml - cleanroom ISO8 | box of 500 |
| **25968** | Faeces container 60 ml - sterile | box of 500 |

# 24 HOURS URINE CONTAINERS

24 h graduated urine containers made in polyethylene.
One multilanguage instruction in each carton: GB, FR, IT, ES, PT.

| GIMA code | 24 h URINE CONTAINERS | Minimum order |
|---|---|---|
| **25980** | Bottle 2500 ml | box of 30 |
| **25981** | Container 2000 ml with ergonomic handle | box of 54 |
| **25982** | Tank 2500 ml | box of 30 |

# PLASTIC BED PAN - URINAL

- **25979 PLASTIC BED PAN - box of 20**

Made in polypropylene and individually wrapped.

- **25978 MEN PLASTIC URINAL 1,000 ml - box of 60**

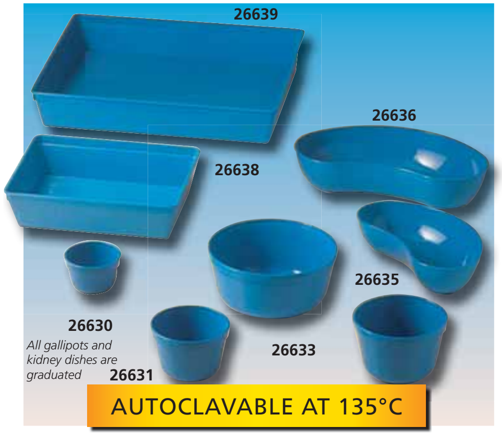
Made in polyethylene and individually wrapped.
Bed pan and plastic urinal have multilanguage polybag: GB, FR, IT, ES, PT, PL, GR, SE.

# CONTAINERS IN SINGLE BOX - PHARMACY LINE

**Graduated, sterile urine and faeces containers**
Individually wrapped sterile containers with paper label (25987) or frosted label (25969, 25997) and screw cap in single box.
**Graduated 24 h urine tank**
Polyethylene urine tank for 24 hour urine collection, in single box
**Sterile urine test tube**
Individually wrapped urine test tube with paper label in single box. Graduated 0.5, 1, 2.5, 5, 10 ml.
All products have multilanguage box: GB, FR, IT, ES.

| GIMA code | CONTAINERS | Material | Minimum order |
|---|---|---|---|
| **25987** | Urine container 120 ml - red cap | Polypropylene | box of 100 |
| **25969** | Urine container 120 ml - yellow cap | Polypropylene | box of 100 |
| **25990** | Urine test tube 12 ml | Polystyrene | box of 100 |
| **25995** | Urine tank 24 h 2500 ml | Polyethylene | box of 27 |
| **25997** | Faeces container 60 ml | Polypropylene | box of 100 |

# PLASTIC HOLLOWARE - AUTOCLAVABLE 135°C



All gallipots and kidney dishes are graduated

**PLASTIC HOLLOWARE - autoclavable hundreds of times**
For the protection and delivery of sterile instruments to operating rooms. For the administration of procedures, holding cleansing solutions and the administration of medicines and fluids.

**4 good reasons to choose plastic line:**
- 50% cheaper than stainless steel equivalent
- autoclavable at 135°C with no limits
- attractive modern design
- lighter than equivalent stainless steel

All products are manufactured from polypropylene material that is easy to clean, resistant to most healthcare chemicals.

26640

- **26630 GALLIPOT/LOTION BOWL** 60xh 40 mm - graduated 50 ml
- **26631 GALLIPOT/LOTION BOWL** 80xh 60 mm - graduated 200 ml
- **26632 GALLIPOT/LOTION BOWL** 100xh 45 mm - graduated 300 ml
- **26633 GALLIPOT/LOTION BOWL** 150xh 70 mm - graduated 500 ml
- **26635 KIDNEY DISH** 200xh 45 mm - graduated 500 ml
- **26636 KIDNEY DISH** 250xh 55 mm - graduated 750 ml

with special nodules on rim to prevent vacuum during autoclaving

- **26638 INSTRUMENT TRAY** 200x150x51 mm
- **26639 INSTRUMENT TRAY** 300x250x52 mm
- **26640 COMPARTMENT TRAY** 270x180x41 mm

# VALUE PLASTIC HOLLOWARE - AUTOCLAVABLE 134°C

Economic line of reusable plasticware products. Made in polypropylene, easy to clean and resistant to most healthcare chemicals. Autoclavable at 121°C (15 min), 126°C (10 min) or 134°C (3 min).

- **37701 GALLIPOT 63x42 mm - 90 ml**
- **37702 GALLIPOT 90x60 mm - 240 ml**

- **37705 KIDNEY TRAY 6" 155x75 mm**
- **37706 KIDNEY TRAY 8" 205x100 mm**
- **37707 KIDNEY TRAY 10" 260x125 mm**
- **37708 KIDNEY TRAY 12" 306x140 mm**

- **37710 MEASURING JUG 500 ml**
- **37711 MEASURING JUG 1,000 ml**
- **37712 MEASURING JUG 2,000 ml**

Raised graduation for easy reading.

- **37715 LABORATORY TRAY**

**375x300xh 75 mm**

- **37717 COMPARTMENT TRAY**

**266x175xh 42 mm**

*Provided with cover which fits into groove of the tray to avoid minimum spillage of material.*

- **37718 INSTRUMENT TRAY**

**220x150xh 70 mm**

# POLYSTYRENE TEST TUBES - GRADUATED

37912

37913

37903

37902

| GIMA code | POLYSTYRENE TEST TUBES | Minimum order |
|---|---|---|
| **37902** | 12x75 mm - 5 ml cylindrical, no rim | box of 4,000* |
| **37903** | 13x75 mm - 5 ml cylindrical, no rim | box of 4,000* |
| **37912** | 16x100 mm - 10 ml cylindrical, with rim | box of 2,000 |
| **37913** | 16x100 mm - 10 ml conical, with rim | box of 2,000 |
| *16 bags of 250 pcs | | |
| | **WINGED STOPPERS FOR TEST TUBES** | |
| **37930** | Stopper for tubes Ø 12 mm | box of 1,000 |
| **37931** | Stopper for tubes Ø 13 mm | box of 1,000 |
| **37932** | Stopper for tubes Ø 16 mm | box of 1,000 |

37930

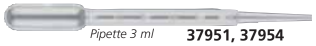
37931

37932

*Stoppers in polyethylene, neutral colour*

# PASTEUR PIPETTES

*Pipette 1 ml* **37950, 37953**



*Pipette 3 ml* **37951, 37954**

**37953, 37954**

*Made of polyethylene, individually wrapped in peel pack*

| GIMA code | PASTEUR PIPETTE | Minimum order |
|---|---|---|
| **37950** | Pipette 1 ml | box of 5,000* |
| **37951** | Pipette 3 ml | box of 5,000* |
| **37953** | Pipette 1 ml - sterile | box of 1,000 |
| **37954** | Pipette 3 ml - sterile | box of 1,000 |

*10 boxes of 500 pieces

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# ALUMINIUM STERILIZATION CONTAINER SYSTEM

**37012**

*Standard containers (supplied with 1 paper filter)*

**37101**

*All containers are autoclavable at maximum 134°C, 2.2 bar*

**37242**

*Barrier system containers*

**37152**

**STANDARD CONTAINER WITH FILTER*
Not for sale in Germany**

| Height mm | NON PERFORATED BOTTOM | | PERFORATED BOTTOM* |
|---|---|---|---|
| LID COLOUR | ⬜ | 🟥 | 🟦 |
| | **SMALL 285x280 mm** | | |
| | **1 filter** | | **2 filter** |
| **100** | 37000 | 37010 | 37030 |
| **135** | 37001 | - | 37031 |
| **150** | 37002 | 37012 | 37032 |
| **200** | 37003 | - | 37033 |
| **260** | 37004 | - | - |
| | **MEDIUM 465x280 mm** | | |
| | **1 filter** | | **2 filter** |
| **100** | 37050 | 37060 | 37080 |
| **135** | 37051 | - | 37081 |
| **150** | 37052 | 37062 | 37082 |
| **200** | 37053 | - | 37083 |
| | **LARGE 580x280 mm** | | |
| | **2 filter** | | **4 filter** |
| **100** | 37100 | 37110 | 37130 |
| **135** | 37101 | - | 37131 |
| **150** | 37102 | 37112 | 37132 |
| **200** | 37103 | - | 37133 |
| **260** | 37104 | - | - |

*Perforated bottom allows much quicker sterilization process (half time than with not perforated).*

**BARRIER SYSTEM CONTAINER WITH VALVE**
Not for sale in Germany**

| Height mm | NON PERFORATED BOTTOM | | PERFORATED BOTTOM* |
|---|---|---|---|
| LID COLOUR | ⬜ | 🟥 | 🟦 |
| | **SMALL 285x280 mm** | | |
| **100** | 37150 | 37160 | 37180 |
| **135** | 37151 | - | 37181 |
| **150** | 37152 | 37162 | 37182 |
| **200** | 37153 | - | 37183 |
| **260** | 37154 | - | - |
| | **MEDIUM 465x280 mm** | | |
| **100** | 37200 | 37210 | 37240 |
| **135** | 37201 | - | 37241 |
| **150** | 37202 | 37212 | 37242 |
| **200** | 37203 | - | 37243 |
| | **LARGE 580x280 mm** | | |
| **100** | 37250 | 37260 | 37280 |
| **135** | 37251 | - | 37281 |
| **150** | 37252 | 37262 | 37282 |
| **200** | 37253 | - | 37283 |
| **260** | 37254 | - | - |

***This system is preferred when is requested continuous use of containers, it avoids filter replacement. Valve opens during sterilization to allow exit of steam.*

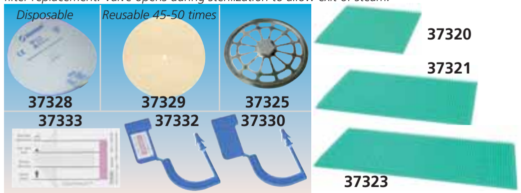
| WIRE BASKET - stainless steel | | | |
|---|---|---|---|
| **Size mm** | **Height** | | |
| | **50 mm*** | **70 mm**** | **100 mm***** |
| **255x245** | 37301 | 37302 | 37303 |
| **405x255** | 37306 | 37307 | 37308 |
| **540x255** | 37311 | 37312 | 37313 |

**Suggested for container with height 100/135 mm*
*** Suggested for container with height 135/150 mm*
**** Suggested for container with height >150 mm*

**37301**

**37302**

**37303**



| GIMA code | ACCESSORIES |
|---|---|
| **37320** | Silicone mat 220x230 mm - perforated - small |
| **37321** | Silicone mat 380x230 mm - perforated - medium |
| **37323** | Silicone mat 520x230 mm - perforated - large |
| **37325** | S/S Filter holder for paper/textile Ø 18 cm |
| **37328** | Disposable Paper filter Ø 18.6 cm with steam indicator - box of 100 |
| **37329** | Reusable Textile* filter Ø 20.5 cm - standard container |
| **37330** | Plastic security seal - box of 100 |
| **37332** | Plastic security seal with steam indicator - box of 100 |
| **37333** | Container card with steam indicator 68x37.5 mm - box of 250 |

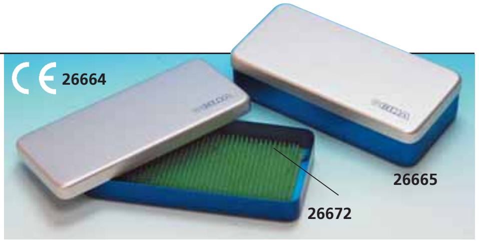
*Long term textile filters can be used for 45-50 sterilizations

# ALUMINIUM BOXES

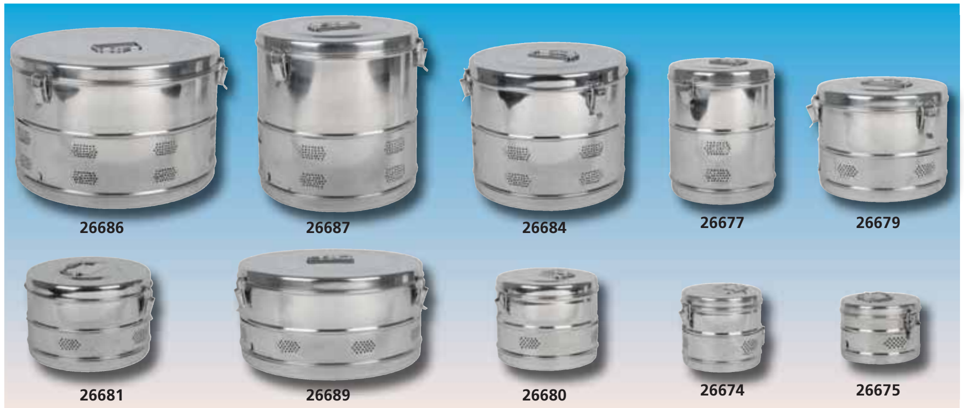
- **26662 ALUMINIUM BOX** 17.5x7.6xh 2 cm
- **26663 ALUMINIUM BOX** 18.5x9.5xh 3 cm
- **26664 ALUMINIUM BOX** 21.8x10.6xh 3 cm
- **26665 ALUMINIUM BOX** 21.8x10.6xh 5 cm

Useful containers for the sterilization of surgical instruments and to maintain them sterile. Silicone tray not included.
Nice aluminium box with blue base and silver cover.

- **26672 SILICONE TRAY** 20x10 cm (for 26669, 26664, 26665)



## ROUND STERILIZER DRUMS - STAINLESS STEEL AISI 304



| GIMA code | STERILIZER DRUMS | GIMA code | STERILIZER DRUMS |
|---|---|---|---|
| **26673** | Ø 120x h 120 mm | **26682** | Ø 240x h 240 mm |
| **26675** | Ø 150x h 100 mm | **26683** | Ø 290x h 160 mm |
| **26674** | Ø 150x h 150 mm | **26684** | Ø 290x h 240 mm |
| **26676** | Ø 165x h 120 mm | **26687** | Ø 290x h 290 mm |
| **26678** | Ø 180x h 180 mm | **26689** | Ø 340x h 180 mm |
| **26680** | Ø 190x h 160 mm | **26688** | Ø 340x h 240 mm |
| **26677** | Ø 190x h 240 mm | **26685** | Ø 340x h 340 mm |
| **26681** | Ø 240x h 160 mm | **26686** | Ø 390x h 250 mm |
| **26679** | Ø 240x h 190 mm | | |

**ROUND STERILIZER DRUMS for autoclave and hot air sterilizer**. Cylindrical containers used to sterilize dressing materials (gauze compress or cotton etc.) in a steam sterilizer (autoclave) or hot air sterilizer and to keep them as "sterile".
Drums have an effective closing lid with a clip lock system, a carrying handle, air vents system to allow steam to circulate freely during the sterilization cycle/process. Easy to operate lateral air vent system to be manually closed after sterilization.

## STAINLESS STEEL BOXES WITH OR WITHOUT HANDLE

**STAINLESS STEEL BOXES - Autoclavable 125°C**
- **26653 STAINLESS STEEL BOX** 18x8xh 4 cm
- **26654 STAINLESS STEEL BOX** 20x10xh 6 cm
- **26655 STAINLESS STEEL BOX** 25x12xh 6 cm
- **26656 STAINLESS STEEL BOX** 30x15xh 6 cm
- **26657 STAINLESS STEEL BOX** 50x20xh 10 cm
- **26672 RUBBER TRAY** 20x10 cm for 26654

**STAINLESS STEEL BOXES WITH HANDLES - Autoclavable 125°C**
- **26668 STAINLESS STEEL BOX** 18x8xh 4 cm
- **26669 STAINLESS STEEL BOX** 20x10xh 4.5 cm
- **26670 STAINLESS STEEL BOX** 25x12.5xh 4.5 cm
- **26671 STAINLESS STEEL BOX** 30x15xh 6 cm
- **26667 STAINLESS STEEL BOX** 50x20xh 10 cm
- **26672 RUBBER TRAY** 20x10 cm for 26669

## BUCKETS WITH LID - STAINLESS STEEL

- **26576 BUCKET WITH LID 12 l** - 290x300 mm
- **26577 BUCKET WITH LID 15 l** - 322x307 mm

Stainless Steel AISI 304 buckets autoclavable at 121°C.

## DISPOSABLE KIDNEY DISH

- **26645 DISPOSABLE KIDNEY DISH - box of 300 pcs**

Safe, clean, easy to use, atoxic and latex free.
Suitable for medical use.

| TECHNICAL SPECIFICATIONS | |
|---|---|
| Material: | moulded paper pulp |
| Resistance: | 36 hours to water, 4 hours to organic liquids |
| Maximum capacity: | about 750 ml |
| Disposal: | biodegradable and compostable |
| Medical device: | 93/42 CE - Class I non sterile |

## S/S KIDNEY DISHES - AUTOCLAVABLE 121°C

**ECONOMIC S/S KIDNEY DISHES**
S/S Kidney dishes, autoclavable 121°C, with 0.5 mm thickness

| GIMA code | ECONOMIC S/S KIDNEY DISHES | Capacity |
|---|---|---|
| **26641** | Tray 6"- 162x77x31 mm | 190 ml |
| **26642** | Tray 8"- 207x98x39 mm | 400 ml |
| **26643** | Tray 10"- 247x122x43 mm | 600 ml |
| **26644** | Tray 12"- 309x149x59 mm | 1500 ml |

## S/S AISI 304 - 18/8 KIDNEY DISHES - THICKNESS 0.6 MM - AUTOCLAVABLE 121°C

| GIMA code | SHALLOW KIDNEY DISHES | Capacity |
|---|---|---|
| **26610** | Tray 8"- 207x128xh 33 mm | 480 ml |
| **26611** | Tray 10"- 254x141xh 33 mm | 750 ml |
| **26612** | Tray 12"- 280x141xh 40 mm | 1600 ml |

| GIMA code | DEEP KIDNEY DISHES | Capacity |
|---|---|---|
| **26580** | Tray 6"- 162x77x31 mm | 190 ml |
| **26581** | Tray 8"- 207x98x39 mm | 400 ml |
| **26582** | Tray 10"- 247x122x43 mm | 600 ml |
| **26583** | Tray 12"- 309x149x59 mm | 1500 ml |

| GIMA code | DEEP WITH COVER* KIDNEY DISHES | Capacity |
|---|---|---|
| **26584** | Tray 7"- 200x95x35 mm | 300 ml |
| **26585** | Tray 10"- 247x122x43 mm | 600 ml |
| **26589** | Tray 12"- 309x149x59 mm | 1500 ml |

*Thickness of cover 0.5 mm*

## S/S AISI 304 - 18/8 WASH BASINS AND GALLIPOTS - AUTOCLAVABLE 121°C

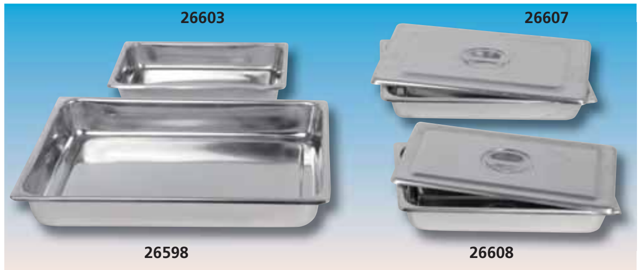
| GIMA code | WASH BASINS | Capacity |
|---|---|---|
| **26586** | Ø 310x h 72 mm - shallow | 3 l |
| **26588** | Ø 405x h 95 mm - shallow | 7 l |
| **26587** | Ø 318x h 84 mm - deep | 4 l |

| GIMA code | ROUND GALLIPOTS | Capacity |
|---|---|---|
| **26595** | Ø 107xh 56 mm | 325 ml |
| **26596** | Ø 158xh 75 mm | 940 ml |
| **26621** | Ø 208xh 84 mm | 1940 ml |
| **26622** | Ø 258xh 92 mm | 3200 ml |

| GIMA code | GALLIPOTS WITH LIP | Capacity |
|---|---|---|
| **26616** | Ø 56xh 32 mm | 50 ml |
| **26617** | Ø 88xh 46 mm | 170 ml |
| **26618** | Ø 128xh 60 mm | 450 ml |
| **26619** | Ø 158xh 75 mm | 940 ml |

For all wash Basins and Gallipots we indicate upper diameter

## STAINLESS STEEL HOLLOWARE - AUTOCLAVABLE 121°C - AISI 304



**STAINLESS STEEL HOLLOWARE**
Stainless steel AISI 304 holloware with minimum thickness 0.6 mm.
Autoclavable at 121°C.

| GIMA code | INSTRUMENT TRAYS - ANGLED EDGES |
|---|---|
| | Without cover |
| **26603** | 306x196x h 50 mm |
| **26604** | 355x254x h 50 mm |
| **26597** | 380x304x h 50 mm |
| **26598** | 440x320x h 64 mm |
| | With cover |
| **26607** | 306x196x h 50 mm |
| **26608** | 355x254x h 50 mm |
| **26609** | 440x320x h 64 mm |

| GIMA code | INSTRUMENT TRAYS ROUND EDGES |
|---|---|
| | Without cover |
| **26599** | 223x126x h 45 mm |
| **26602** | 264x172x h 47 mm |
| | With cover |
| **26605** | 223x126x h 45 mm |
| **26606** | 264x172x h 47 mm |

| GIMA code | DENTAL TRAY |
|---|---|
| **26600** | 208x109x h 15 mm |
| | INSTRUMENT TRAYS |
| **26601** | 210x160x h 25 mm |
| **26629** | 313x218x h 31 mm |

| GIMA code | MAYO TRAYS - SHALLOW |
|---|---|
| **26613** | 254x165x h 18 mm |
| **26614** | 350x252x h 16 mm |
| **26615** | 432x295x h 19 mm |

- **26592 BED PAN ROUND WITH COVER -** 320x85 mm

**DRESSING JAR WITH LID**
- **26623 DRESSING JAR -** 0.5 l - Ø 102x65 mm
- **26624 DRESSING JAR -** 1 l - Ø 103x126 mm
- **26625 DRESSING JAR -** 2 l - Ø 127x161 mm

- **26626 FORCEPS JAR -** Ø 55xh 140 mm
- **26627 FORCEPS JAR -** Ø 55xh 180 mm
- **26628 THERMOMETER JAR -** Ø 33xh 80 mm

- **26590 BED PAN FRACTURE TYPE -** with ring - 418x292x85 mm

- **26594 BED PAN FRACTURE TYPE -** with tube handle - 418x292x85 mm

- **26593 BED PAN PERFECTION TYPE** 354x289x97 mm

- **26578 MALE URINAL** - 1.2 l

- **26579 FEMALE URINAL** - 1.2 l

- **26591 MALE VERTICAL URINAL** Ø 114x220 mm - 1.5 l

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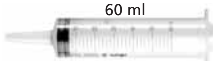
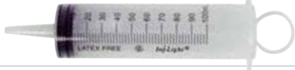
## HYPODERMIC SYRINGES IN 3 PARTS WITH AND WITHOUT NEEDLE

High-quality range of medical devices ensuring an optimal safety. The range of Hypodermic syringe INJ/LIGHT have been manufactured in compliance with the most important international standards in conformity with European Directive 93/42/EEC and with UNI EN ISO 9001/2000 - UNI EN ISO 13485/2004. The INJ/LIGHT line is completely non-toxic and non-pyrogenic, made of transparent polypropylene with graduated black colour scale and individually packed in blister pack.
Box in GB, FR, IT, ES, DE, PT, GR, RO, RU, YU, SA.

STERILE EO PHT LATEX CE 1370 Medical Device class IIa

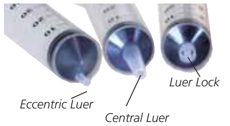
**SYRINGE WITHOUT NEEDLE**

| GIMA code | Capacity | Minimum order |
|---|---|---|
| | LUER LOCK CONE | |
| **23808**<br>**23809**<br>**23810**<br>**23811** | 10 ml<br>20 ml<br>30 ml<br>60 ml<br> | box of 100<br>box of 50<br>box of 50<br>box of 25 |
| | CENTRIC LUER CONE | |
| **23813**<br>**23814**<br>**23815** | 3 ml<br>5 ml<br>10 ml | box of 100<br>box of 100<br>box of 100 |
| | ECCENTRIC LUER CONE | |
| **23816**<br>**23817**<br>**23819** | 10 ml<br>20 ml<br>60 ml<br> | box of 100<br>box of 50<br>box of 25 |
| | CATHETER CONE | |
| **23820** | 60 ml<br> | box of 20 |
| **23821** | 100 ml<br> | box of 25 |

**SYRINGE WITH NEEDLE**

| GIMA code | Capacity | Assembled needle | Minimum order |
|---|---|---|---|
| | CENTRIC LUER CONE | | |
| **23822** | 1 ml - tubercolin | 26G - 0.45x12.7 mm | box of 100 |
| **23824** | 2.5 ml* | 21G - 0.8x38 mm | box of 100 |
| **23825** | 2.5 ml* | 22G - 0.7x32 mm | box of 100 |
| **23827** | 5 ml | 21G - 0.8x38 mm | box of 100 |
| **23828** | 5 ml | 22G - 0.7x32 mm | box of 100 |
| **23830** | 10 ml | 21G - 0.8x38 mm | box of 100 |
| | *Extended scale: 3 ml*<br> | | |
| | ECCENTRIC LUER CONE | | |
| **23833** | 10 ml | 21G - 0.8x38 mm | box of 100 |
| **23834** | 20 ml | 21G - 0.8x38 mm | box of 50 |
| | | | |

Needle in AISI 304 stainless steel triple bevelling

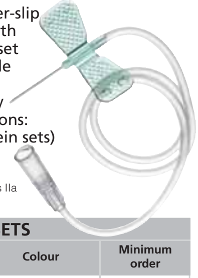


## HYPODERMIC NEEDLES AND SCALP-VEIN SETS - STERILE

A line of hypodermic needles and scalp vein sets ensuring minimal trauma during penetration thanks to the triple bevelling. Each element of the needle is treated for painless injection.
The needles are in stainless steel AISI 304 with triple bevelling and totally non-toxic and non-pyrogenic. Needles have Luer-slip cone, can be mounted on syringes with Luer-slip or Luer-lock. The scalp vein set needles are provided with soft flexible grained wings. The tube is made of 30 cm PVC with luer-lock. Individually packaged in blister. Box and instructions: GB, FR, IT, DE, ES, PT, GR, RU (Scalp-vein sets) GB, IT, ES, PT (Hypodermic needles).

*Hypodermic needle*

23785
*Hypodermic safety needle*



STERILE EO LATEX CE 1370 Medical Device class IIa

**HYPODERMIC NEEDLES**

| Standard | Safety | Needle | Colour | Minimum order |
|---|---|---|---|---|
| **23750** | **23780** | 18G - 1.2x38 mm | ● Pink | box of 100 (standard needles) |
| **23751** | **23781** | 19G - 1.1x38 mm | ● Cream | |
| **23753** | - | 20G - 0.9x38 mm | ● Yellow | |
| **23755** | **23785** | 21G - 0.8x38 mm | ● Green | |
| **23757** | - | 22G - 0.7x32 mm | ● Black | |
| **23758** | **23788** | 23G - 0.6x25 mm | ● Turquoise | box of 50 (safety needles) |
| **23760** | - | 25G - 0.5x16 mm | ● Orange | |
| **23761** | - | 26G - 0.45x12.7 mm | ● Brown | |
| **23762** | - | 27G - 0.4x12.7 mm | ● Grey | |

**SCALP - VEIN SETS**

| Standard | Safety | Needle | Colour | Minimum order |
|---|---|---|---|---|
| **23766** | - | 19G - 1.1x19 mm | ● Cream | box of 100 |
| **23767** | - | 20G - 0.9x19 mm | ● Yellow | box of 100 |
| **23768** | **23774** | 21G - 0.8x19 mm | ● Green | box of 100 |
| **23769** | - | 22G - 0.7x19 mm | ● Black | box of 100 |
| **23770** | **23776** | 23G - 0.6x19 mm | ● Turquoise | box of 100 |
| **23771** | - | 25G - 0.5x19 mm | ● Orange | box of 100 |

## 5 ml SYRINGE - RETAIL BOX

- **23795 SYRINGE 5 ml**

With needle 23G 0.60x25 mm.
Sterile, packed in single blister.
Box of 10 syringes. CE 1370

**Minimum order:**
**carton of 12 boxes of 10 syringes**

23795

## 5 ml SAFETY SYRINGE - RETAIL

- **23796 SAFETY SYRINGE 5 ml**

CE 1370

With needle 23G 0.60x25 mm.
Sterile, packed in single blister.
Box of 5 syringes.

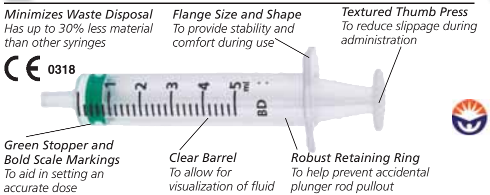
**Minimum order:**
**carton of 48 boxes of 5 syringes**

STOP ACCIDENTAL NEEDLE STICKS

23796

## BD EMERALD™ SYRINGES

CE 0318


Minimizes Waste Disposal
Has up to 30% less material than other syringes
Flange Size and Shape
To provide stability and comfort during use
Textured Thumb Press
To reduce slippage during administration
Green Stopper and Bold Scale Markings
To aid in setting an accurate dose
Clear Barrel
To allow for visualization of fluid
Robust Retaining Ring
To help prevent accidental plunger rod pullout

| BD EMERALD™ SYRINGES | | | | |
|---|---|---|---|---|
| GIMA code | BD code | Capacity | NEEDLE | Minimum order |
| SYRINGES WITHOUT NEEDLES - LUER SLIP CENTRIC TIP | | | | |
| **23863** | **307727** | 2 ml | | box of 100 |
| **23864** | **307731** | 5 ml | | box of 100 |
| **23865** | **307736** | 10 ml | | box of 100 |
| SYRINGES WITH NEEDLES - LUER SLIP CENTRIC TIP | | | | |
| **23868** | **307728** | 2 ml | 22G - 0.7x30 mm | box of 100 |
| **23869** | **307733** | 5 ml | 22G - 0.7x30 mm | box of 100 |
| **23870** | **307737** | 10 ml | 21G - 0.8x40 mm | box of 100 |

## BD PLASTIPAK™ SYRINGES

CE 0050

**23873**

**23878**

| BD PLASTIPAK™ SYRINGES | | | | |
|---|---|---|---|---|
| GIMA code | BD code | Capacity | MODEL | Minimum order |
| SYRINGES WITHOUT NEEDLE - LUER LOCK | | | | |
| **23873** | **301229** | 30 ml | Luer - lock | box of 60 |
| **23874** | **300865** | 50 ml | Luer - lock | box of 60 |
| SYRINGES WITHOUT NEEDLE - CATHETER CONE | | | | |
| **23877** | **300867** | 50 ml | Catheter cone | box of 60 |
| **23878** | **300605** | 100 ml | Catheter cone | box of 25 |

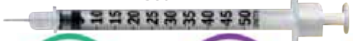
## BD MICROLANCE™ NEEDLES

| GIMA code | BD code | BD MICROLANCE™ NEEDLES | Minimum order |
|---|---|---|---|
| **23739** | **304622** | 18G - 1.20x40 mm - pink | box of 100 |
| **23740** | **301500** | 19G - 1.10x40 mm - white | box of 100 |
| **23741** | **301300** | 20G - 0.90x40 mm - yellow | box of 100 |
| **23742** | **304432** | 21G - 0.80x40 mm - green | box of 100 |
| **23743** | **300900** | 22G - 0.70x30 mm - black | box of 100 |
| **23744** | **300800** | 23G - 0.60x25 mm - blue | box of 100 |
| **23745** | **300600** | 25G - 0.50x16 mm - orange | box of 100 |
| **23746** | **303800** | 26G - 0.45x13 mm - brown | box of 100 |
| **23747** | **300635** | 27G - 0.40x13 mm - grey | box of 100 |
| **23748** | **304000** | 30G - 0.29x13 mm - yellow | box of 100 |

CE 0050

## BD MICRO-FINE™ INSULIN NEEDLES AND SYRINGES

**23861**



BD micro-fine™+4 mm
**23850**

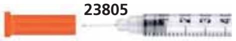
BD micro-fine™+5 mm
**23851**

BD micro-fine™+8 mm
**23852**

| GIMA code | BD code | BD MICRO-FINE™ NEEDLES | Minimum order |
|---|---|---|---|
| **23850** | **320140** | BD Micro-Fine needles 4 mm - 32G | box of 100 |
| **23851** | **320594** | BD Micro-Fine needles 5 mm - 31G | box of 100 |
| **23852** | **320592** | BD Micro-Fine needles 8 mm - 31G | box of 100 |
| *Compatible with most of insuline pens available on the market (Sanofi-Aventis, Eli Lilly, Novo Nordisk, Owen Mumford)* | | | |
| BD MICRO-FINE™ SYRINGES | | | |
| **23860** | **324826** | BD Micro-Fine syringes 0.3 ml - 8 mm - 30G | box of 100 |
| **23861** | **324825** | BD Micro-Fine syringes 0.5 ml - 8 mm - 30G | box of 100 |

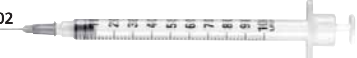
## INSULIN SYRINGE INSU/LIGHT

**23805**



*No-dead space syringe has double protector (needle cover and plunger cover) for better sterility*

**23802**



Available with assembled needle or fixed needle both with no-dead space. Insulin syringes with fixed needle have the needle directly fixed on the cone and have a double protection (needle cap and plunger cap), assuring the sterility of the device. Non-toxic and non-pyrogenic, made of transparent polypropylene with graduated insulin scale.
Needle in stainless steel AISI 304 with triple bevelling.

| GIMA code | INSULIN SYRINGE NO DEAD SPACE - ASSEMBLED NEEDLE | Minimum order |
|---|---|---|
| **23802** | Insulin syringe 1 ml - 25G - 0.5x16 mm | box of 100 |
| INSULIN SYRINGE NO-DEAD SPACE | | |
| **23805** | Insulin syringe 0.5 ml - 30G - 0.3x8 mm | box of 100 |

## INSULIN PEN NEEDLES

*Multilanguage box: GB, FR, IT, DE, ES, PT, GR, PL, Arabic*

STERILE EO
CE 0197

Insulin Pen Needles are disposable, sterile needles used with insulin pens to control high blood sugar in adults and children with diabetes mellitus. With a fine design to minimize the discomfort of injection, ultra-thin needles provide painless and a non traumatic injection due to a silicone film. Pyrogen free.

| GIMA code | GIMA INSULIN PEN NEEDLES - UNIVERSAL | Minimum order |
|---|---|---|
| **23840** | GIMA insulin pen needles 4 mm - 32G | box of 100 |
| **23841** | GIMA insulin pen needles 5 mm - 31G | box of 100 |
| **23842** | GIMA insulin pen needles 6 mm - 31G | box of 100 |
| **23843** | GIMA insulin pen needles 8 mm - 31G | box of 100 |
| *Compatible with most of insulin pens available on the market (Sanofi-Aventis, Novo Nordisk, Eli Lilly, Owen Mumford)* | | |

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## MESO-RELLE MESOTHERAPY AND SCLEROTHERAPY NEEDLES

CE 0373

**MESO-RELLE HYPODERMIC NEEDLES**
Meso-relle disposable hypodermic needles are multiple sharpened to facilitate penetration. Stainless steel AISI 304 cannula and polypropylene connection for syringe.
Sterilized with ethylene oxide.
Sold in individual blister made of medical paper. Made in Italy.

meso-relle®

| GIMA code | MESOTHERAPY LUER NEEDLES | | | | Minimum order |
|---|---|---|---|---|---|
| | Gauge | Ø mm | Length mm | Colour | |
| **23670** | 27G | 0.40 | 4 | grey | box of 100 |
| **23671** | 27G | 0.40 | 6 | grey | box of 100 |
| **23672** | 30G | 0.30 | 4 | yellow | box of 100 |
| **23673** | 30G | 0.30 | 6 | yellow | box of 100 |
| **23674** | 31G | 0.26 | 4 | light blue | box of 100 |
| **23676** | 32G | 0.23 | 4 | pink | box of 100 |
| **23678** | 33G | 0.20 | 4 | green | box of 100 |
| SCLEROTHERAPY/FILLER LUER NEEDLES | | | | | |
| **23680** | 30G | 0.30 | 12 | yellow | box of 100 |
| **23682** | 31G | 0.26 | 12 | light blue | box of 100 |
| **23684** | 32G | 0.23 | 12 | pink | box of 100 |

## MICRO-MESOTHERAPY

CE 0373

**23690**

**23691**

**23694**

**MESO-RELLE MICRO-MESOTHERAPY**
Microtherapy, an evolution from mesotherapy, is a recent technique for administration of drugs via superficial intraderma injection, and it is an additional technique to intramuscular intra-venereal and subcutaneous injections.

*Single use device with the shape of a reversed cone with in its centre a special ultrafine needle*

| GIMA code | MICRO-MESOTHERAPY NEEDLES - STERILE | | | | | Minimum order |
|---|---|---|---|---|---|---|
| | Type | Gauge | Ø mm | Length mm | Colour | |
| **23690** | Needle | 27G | | 2.5 | white | box of 25 |
| **23691** | Needle | 30G | | 2.5 | yellow | box of 25 |
| **23694** | S.I.T.* | 31G | 0.26 | 2.5 | white | box of 25 |

*Skin Injection Therapy

## MESO-RELLE MULTI-INJECTORS

CE 0373

**23703**

**23700**

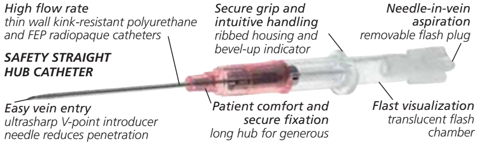
**23701**

**MESO-RELLE MULTI-INJECTOR CONNECTORS**
Meso-relle disposable mesotherapy multi-injectors connectors are sterilized with ethylene oxide.
They are packed in individual, transparent blister, are colourless and transparent to enable full examination of the inner chamber and are perfectly resistant to high pressure.

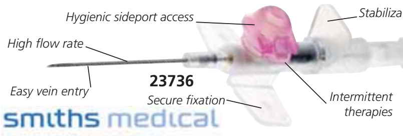
| GIMA code | MULTI-INJECTOR CONNECTORS | | | Minimum order |
|---|---|---|---|---|
| | Type | Way-out | Taper | |
| **23700** | Straight | 3 | Luer | box of 50 |
| **23701** | Straight | 5 | Luer | box of 50 |
| **23703** | Circular | 5 | Luer | box of 50 |

## I.V. CATHETERS WITH STRAIGHT HUB OR SIDE PORT - STERILE

***SAFETY STRAIGHT HUB CATHETER***


High flow rate
thin wall kink-resistant polyurethane and FEP radiopaque catheters
Secure grip and intuitive handling
ribbed housing and bevel-up indicator
Needle-in-vein aspiration
removable flash plug
Easy vein entry
ultrasharp V-point introducer needle reduces penetration force by 25 to 30%
Patient comfort and secure fixation
long hub for generous suturing or taping
Flast visualization
translucent flash chamber

***SAFETY SIDEPORT CATHETER***



**23736**

smiths medical
bringing technology to life

| Conventional no protection | Safety | I.V. CATHETER WITH STRAIGHT HUB | | | Minimum order |
|---|---|---|---|---|---|
| | | Gauge | Gauge mm | Colour | |
| **23720** | **23725** | 18G | 45 mm (1¾") | Green | box of 50 |
| **23721** | **23726** | 20G | 32 mm (1¼") | Pink | box of 50 |
| **23722** | **23727** | 22G | 25 mm (1") | Blue | box of 50 |

| Conventional no protection | Safety | I.V. CATHETER WITH SIDE PORT | | | Minimum order |
|---|---|---|---|---|---|
| | | Gauge | Gauge mm | Colour | |
| **23730** | **23735** | 18G | 45 mm (1¾") | Green | box of 50 |
| **23731** | **23736** | 20G | 32 mm (1¼") | Pink | box of 50 |
| **23732** | **23737** | 22G | 25 mm (1") | Blue | box of 50 |

## BD VENFLON™ IV CATHETERS - STERILE

**BD VENFLON™ IV CATHETERS**
I.V. Cannula Luer-Lock with a plug attached to the flow control plug. Designed to gain access to peripheral veins of the patient's blood system for rehydration, parenteral nutrition, medication delivery, blood transfusion, and monitoring purposes.

| GIMA code | BD code | BD VENFLON™ I.V. CATHETERS | | | | Minimum order |
|---|---|---|---|---|---|---|
| | | Gauge | Gauge mm | Flow rate | Colour | |
| **23715** | **391453** | 18G | 45 mm (1¾") | 80 | Green | box of 50 |
| **23716** | **391452** | 20G | 32 mm (1¼") | 54 | Pink | box of 50 |
| **23717** | **391451** | 22G | 25 mm (1") | 31 | Blue | box of 50 |

*Flash Back Function - During the insertion of the cannula, blood flow is visualized by blood flash back in the hub of the cannula*

*Multilanguage box and instructions*

CE 0086

**23716**

## INFUSION SET

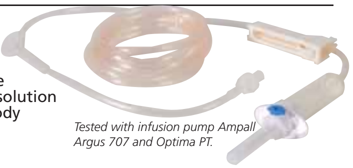
**INFUSION SETS**
Infusion set includes: ABS spike with air vent, PVC chamber PVC tube 150 cm, ABS roller, ABS luer lock terminal without needle, latex free injection site. Sterilized by Ethylene oxide.

- **26069 INFUSION SET - polybag - box of 500**
- **26064 INFUSION SET - blister - box of 360 (18 box of 20)**

## INFUSION SET FOR PUMP

- **26073 ARIES I.V. INFUSION SET - box of 150 (6 bags of 25)**

Infusion set for the administration of solution into the human body with pump.



*Tested with infusion pump Ampall Argus 707 and Optima PT.*

## NEEDLE-LESS VALVE

- **26059 NEEDLE-LESS VALVE - sterile - box of 500**

Device for I.V. infusion and/or withdrawal, needle-less closed circuit. For protection of vascular access and of all infusion systems equipped with male luer-lock standard connections. This closed and self-sealing protection system allows to infuse or inject fluid, make withdrawals eliminating the risk of accidental puncture to operators and reducing the risk of contamination to patients. Medical Device Class I.

*Latex free*
*PVC free*

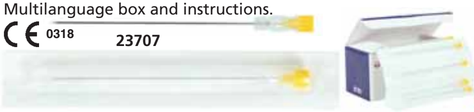
CE 0123

26059

## BD SPINAL NEEDLES

Single use latex free sterile BD quincke point spinal anesthesia needles.
Multilanguage box and instructions.

CE 0318



23707

| GIMA code | BD code | BD QUINCKE POINT SPINAL ANESTHESIA NEEDLE - STERILE | Minimum order |
|---|---|---|---|
| **23705** | **405248** | 18G 3.50 IN 1.2x90 mm - pink | box of 25 |
| **23707** | **405253** | 20G 3.50 IN 0.9x90 mm - yellow | box of 25 |
| **23709** | **405256** | 22G 3.50 IN 0.7x90 mm - black | box of 25 |
| **23710** | **405240** | 23G 3.50 IN 0.64x90 mm - turquoise | box of 25 |
| **23711** | **405257** | 25G 3.50 IN 0.5x90 mm - orange | box of 25 |

## MARGHERITA FINGERGUARD FOR HYPODERMIC NEEDLES

23798

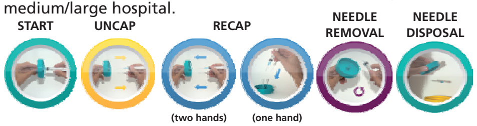
*Internationally patented*

NO MORE ACCIDENTAL SYRINGE INJURIES

**THE PROBLEM:** there are 960,000 accidental syringe stick injuries every year in Europe. The total cost estimate resulting from syringe needle stick injuries exceeds 1 billion Euros
**LEGISLATION: European Directive 2010/32/EU** requires Member States to adopt more effective provisions to protect workers from accidental needle stick injuries from syringes.
**THE SOLUTION:** margherita allows total safety to operator and to healthcare workers responsible for the disposable of sharps.

- **23798 MARGHERITA FINGERGUARD**

Margherita is a Class I Medical Device that allows the operator to recap and remove the syringe needle in complete safety, eliminating the risk of accidental needle sticks to both healthcare workers and those responsible for the disposal of sharps.
**Sterilizable:** autoclavable (121°C for 15 min. or 135°C for 5 min.)
**Ecological:** promotes waste sorting as it enables just the needle to be disposed of in the sharps bin. Raw materials are biocompatible.
**Safe:** complete protection against accidental syringe needle sticks.
**Economical:** last 4 years, reducing costs by at least 50,000 € per year for a small hospital and over 200,000 € per year for a medium/large hospital.



## GIMA SECURITY SYSTEM TO FUSE NEEDLES UP TO Ø 1.6 mm

- **25820 SECURITY SYSTEM - needle destroyer**

**To avoid accidents from used injection needles,** GIMA has developed and patented Security System.
This Needle Destroyer generates a temperature of **1,000°C,** hot enough to destroy stainless steel and all known bacteria/viruses. It fuses in 1-2 seconds needles up to a diameter of 1.2 mm and with some more seconds needles **up to 1.6 mm**
**Safe for nurses, doctors, cleaning staff and patients.**
Most of accidents by punctures with needles take place in the following circumstances that are avoided using the Needle Destroyer: placing the needle in its protective sheath, discarding a needle from a used syringe, carrying hospital residues. Destroyed needle material is sterilized and stored in a drawer at the bottom of the unit.
**Long life and easy maintenance**
It is sturdy, over 4 kg weight, and manufactured in best quality material. Only necessary maintenance is to change fusing spare parts every 4,000 needles. **minimum order: 2 pcs.**

- **25821 FUSING SPARE PARTS**

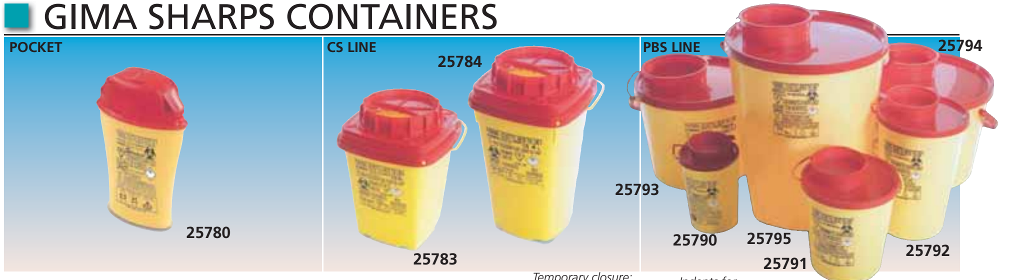
**TECHNICAL SPECIFICATIONS**
Size: cm 22x14x h 9 Weight: 4 kg Power: 90 Watt Fuses: 2x2,5 A T
Operating voltage: 220 V - 50/60 Hz Norms: CEI 62-5 - IEC 601-1
Fusion temperature: 1,000°C Made in Italy: GIMA S.p.A.

SECURITY SYSTEM ELIMINATES ACCIDENTAL CONTAGION OF INFECTIOUS DISEASES CAUSED BY NEEDLE-PUNCTURES

CE

25820

## GIMA SHARPS CONTAINERS



Double opening system
Temporary closure
Definitive closure
Wide opening
Indents for needles removal
Temporary closure: 1 click
Definitive closure: 2 clicks
Indents for needles removal with safety fins
Temporary closure
Definitive closure

- pocket size
- ergonomic shape
- easy to use with just one hand
- double opening system: needles and insulin pen removal, entire syringe disposal
- maximum filling level indicator
- no emission of any harmful gas during the incineration process
- temporary and permanent closure
- possible side fastening

- simple and practical snap-type closure
- easy manoeuvre for temporary opening with just one hand
- wide opening for the disposal of voluminous material
- mechanism for the unhooking of insulin needles
- maximum filling level indicator
- no emission of any harmful gas during the incineration process

- ergonomic handle for the more spacious models
- anti-defluxion wings that prevent the outflow of the waste
- mechanism for unhooking insulin needles
- maximum filling level indicator
- no emission of any harmful gas during the incineration process

| GIMA code | POCKET SHARPS CONTAINER | Minimum order |
|---|---|---|
| **25780** | Pocket 0.4 l - 12.3x6.2x16.5h cm | box of 70 |
| | **CS LINE SHARPS CONTAINERS** | |
| **25783** | CS 3 l - 16.7x16.7x22.2h cm | box of 50 |
| **25784** | CS 4 l - 16.7x16.7x28.5h cm | box of 40 |
| **CERTIFICATIONS** | FDA K071517 | |

| GIMA code | PBS SHARPS CONTAINERS | Minimum order |
|---|---|---|
| **25790** | PBS 0.6 l- Ø 10x14.5h cm | box of 100 |
| **25791** | PBS 1.5 l- Ø 14x16.7h cm | box of 100 |
| **25792** | PBS 2 l - Ø 14x21h cm | box of 75 |
| **25793** | PBS 5 l - Ø 23x19.5h cm | box of 55 |
| **25794** | PBS 7 l - Ø 24.8x19.5h cm | box of 40 |
| **25795** | PBS 12 l - Ø 24.8x31.34h cm | box of 25 |

## WASTE CONTAINERS - 30-50-60 l

**WASTE CONTAINERS - 3 sizes**

- extremely solid and shock resistant at high and low temperature
- hermetic seal by peripheral adhesive on the lid (single or double)
- lateral handles
- excellent stacking possibilities

| GIMA code | WASTE CONTAINERS | | | |
|---|---|---|---|---|
| | Tide | Lid | Max load kg | Size |
| **25774** | Container 30 l | single | 15 | 40x30x39 cm h |
| **25775** | Container 30 l | double | 15 | 40x30x39 cm h |
| **25776** | Container 50 l | single | 20 | 40x30x56 cm h |
| **25777** | Container 50 l | double | 20 | 40x30x56 cm h |
| **25778** | Container 60 l | single | 25 | 40x30x65 cm h |
| **25779** | Container 60 l | double | 25 | 40x30x65 cm h |

*Single lid with adhesive*

*Double lid with adhesive*

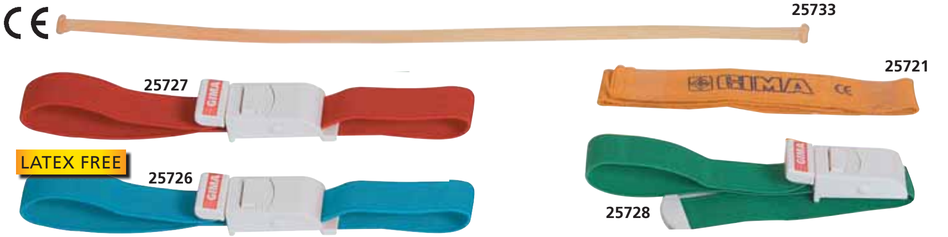
## BD SHARPS CONTAINERS

**SHARPS CONTAINERS BECTON-DICKINSON**
Space saving containers, autoclavable at 121°C, with safety cover. Conform to BS7320:1990, NF x 30-500, ADR UN 3291

- **25822 BD SHARPS CONTAINER 1.5 l - 16.5x16xh 20.5 cm**
- **25823 BD SHARPS CONTAINER 3 l - 18.2x18.1xh 26 cm**
- **25827 WALL SUPPORT for 25823**
- **25828 BD SHARPS CONTAINER 7 l - 30.4x22.2xh 25.5 cm**
- **25829 BD SHARPS CONTAINER 22.7 l - 32x22.7xh 44.5 cm**

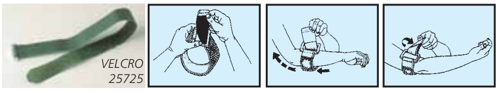
## TOURNIQUETS IN LATEX, RUBBER-COTTON AND LATEX-FREE

CE



**GIMA TOURNIQUETS**
Gima provides efficient and simple solutions for professional medical use with its range of tourniquets.
**Latex:** Ø 5 mm, for manual use
**Velcro:** for easy fastening
**Velcro "D" buckle:** self applicable made of a nylon band threads through plastic "D" buckle
**Lock system:** self applicable with a quick release system.
**Multilanguage box (excluding 25733):** GB, FR, IT, DE, ES, PT, GR, Arab.

**Velcro system**

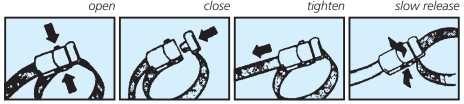


| GIMA code | TOURNIQUETS | Material | Colour | Length cm | Fastening systems | Origin |
|---|---|---|---|---|---|---|
| **25733** | TUBOLARE Tourniquet - box of 200 | Latex | Yellow 🟨 | 33 | Manual | Europe |
| **25721** | GIMA Tourniquet | Rubber-cotton | Yellow 🟨 | 40 | Velcro | Asia |
| **25725** | STRIP-VELCRO Tourniquet | Velcro | Green 🟩 | 45 | Velcro+ring: use with one hand | Asia |
| **25727** | FAST Tourniquet | Rubber-cotton | Red 🟥 | 40 | Single lock system: quick release | Asia |
| **25728** | FAST Tourniquet | Rubber-cotton | Green 🟩 | 40 | Single lock system: quick release | Asia |
| **25726** | FAST Tourniquet | Rubber-cotton-latex free | Blue 🟦 | 40 | Single lock system: quick release | Asia |

## JETPULL 2 WITH GRADUAL ADJUSTMENT - MADE IN GERMANY

**JETPULL 2 WITH GRADUAL ADJUSTMENT**
Easy to use, allows single-hand operation.
The patented 2 button system allows an easy opening of the fastening with 2 choices: smooth or fast, even when under tension.
Fastening device is made using recycled plastics (PVC free).
Ribbon is in special material to avoid any skin bruises. Blood proof.
Washable at 60/90° C and autoclavable. Made in Germany.

**Jetpull system**



| GIMA code | TOURNIQUETS | Material | Colour | Length cm | Fastening systems | Origin |
|---|---|---|---|---|---|---|
| **25722** | JETPULL 2 Tourniquet | Rubber-cotton | Blue 🟦 | 56 | Double lock system: quick and slow release | Germany |
| **25723** | JETPULL 2 Tourniquet | Rubber-cotton -latex free | Green 🟩 | 56 | Double lock system: quick and slow release | Germany |
| **25724** | JETPULL BABY Tourniquet | Rubber-cotton | Child design | 56 | Double lock system: quick and slow release | Germany |

## SHARPS CONTAINERS UP TO 72 CM

**LONG SHARPS CONTAINERS**
Disposable containers for the elimination of long objects up to 72 cm, such as biopsy forceps and sharps.
Large opening, for elimination of bulky objects, temporary and definitive closure, ergonomic handle.

| GIMA code | LONG SHARPS CONTAINERS |
|---|---|
| **25797** | Magnum 6.3 l - 17.2x12x62.1 cm |
| **25798** | Magnum XL 8.3 l - 17.2x12x85.3 cm |
| **25799** | Fixing system* - horizontal or vertical |

* *Suitable for wall or trolley*

## TAPE TOURNIQUET

- **25740 TAPE TOURNIQUET - latex free - disposable**

Latex free disposable tape tourniquet made in TPE. Each box contains 25 pre-cut tourniquets 42x2.5 cm (18"x1") with 0.5 mm thickness.

## HIGH QUALITY LEATHER BAGS - MADE IN ITALY

*External dimensions: 42x12xh 30 cm*

- **27126 PRIMATO prime leather - colour: leather**

2 inside partitions, one with articles-holder, and large zip-fastener pocket. External large zip-fastener pocket, burnished locks.

*External dimensions: 35x12xh 22 cm*

- **27110 TEXAS leather - colour: chestnut**

Rigid bottom, inside pocket with button fastening, burnished lock.

*External dimensions: 42x20xh 23 cm*

- **27115 SUPERTEXAS leather - colour: black**
- **27116 SUPERTEXAS leather - colour: chestnut**
- **27118 SUPERTEXAS leather - colour: bordeaux**

With outer pocket and inside zip fastener pocket, 2 burnished locks, inside transversal partition 8 cm from side, large central area.

## QUALITY LEATHER BAGS

*External dimensions: 38x20xh 20 cm*

- **27122 FLORIDA leather - colour: black**
- **27123 FLORIDA leather - colour: brown**

Rigid bottom, inside zip fastener central pocket, lateral inside pocket, burnished lock.

*External dimensions: 34x17xh 21 cm*

- **27120 VALIGETTA prime leather - colour: leather**

Rigid bottom, inside zip-fastener pocket and inside folding pocket.

## KANSAS BAGS - 5 COLOURS

- **27095 KANSAS skay - black**
- **27096 KANSAS skay - chestnut**
- **27097 KANSAS skay - electric blue**
- **27098 KANSAS skay - ochre**
- **27099 KANSAS skay - brown**

Rigid bottom, outer velcro pocket, inside partition, inside zip pocket, lock with key.
Made in Asia - Italian design.

*External dimensions: 42x20xh 24 cm*

AVAILABLE IN ANY COLOUR
minimum order 200 pcs

## SIMULATED LEATHER BAGS - MADE IN ITALY

*External dimensions: 35x12xh 22 cm*

- **27100 TEXAS skay - colour: black**
- **27101 TEXAS skay - colour: cognac**

Rigid bottom, inside pocket with button fastening, burnished lock.

*External dimensions: 38x20xh 20 cm*

- **27104 INFERMIERA skay - colour: cognac**

Rigid bottom, inside zip fastener pocket and inside folding pocket, burnished lock.

*External dimensions: 45x20xh 25 cm*

- **27108 LARGE POLUS skay - colour: cognac**

Rigid bottom, inside zip fastener folding pocket, elasticated retainers for instruments on both inside sides.

*External dimensions: 42x21xh 25 cm*

- **27105 SUPERTEXAS skay - colour: cognac**

With outer pocket and inside zip fastener pocket, 2 burnished locks, inside transversal partition 8 cm from side, large central area.

## SHIVER COOLBOX 30 l

- **27214 SHIVER COOLBOX 30 l**

External size: 29.7x39.5xh 48.5 cm
Inner size: 33x24xh 42 cm
Equipped with ice packs 2x400 ml

- **27206 THERMAL ICE PACK - spare - box of 2**

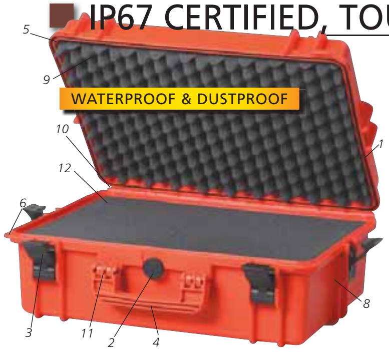
**TECHNICAL SPECIFICATIONS**
Material: polypropylene
Insulation: high density expanded polyurethane foam
Lid featuring built-in 2x400 icepacks holder with swing locking system
Vertical space for up to six 2-litres bottles
Gasket between body and lid for improved sealing

## PROFESSIONAL VACCINE CARRIER

- **27211 PROFESSIONAL VACCINE CARRIER**

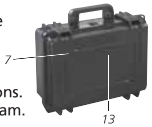
Compact, extra strong with special insulation by high density PU foam suitable for transportation of vaccine. Comes complete with 8 empty ice-packs 400 ml suitable for a cold life of 40 hours at 8°C with external temperature of 43°C without opening.
Vaccine storage capacity: 2.6 l.
Body and lid with gaskets for better insulation.
External size: 28.5x25.5xh 32 cm.
Internal size: 22x18xh 24 cm.
Made in Italy.

## IP67 CERTIFIED, TOUGH, DURABLE CASES - MADE IN ITALY



*1 - Watertight seal around lid*
*2 - Automatic pressure release valve*
*3 - Easy to open double throw latches*
*4 - Load tested soft grip handle*
*5 - Holes for double padlocking*
*6 - Holes for shoulder strap*
*7 - Stackable interlocking system*
*8 - Thick body material*
*9 - Extra fixing points*
*10 - Fully length hinges*
*11 - Nylon pins, corrosion free*
*12 - Pick N Pluck foams in the bottom and convoluted foam in the lid*
*13 - Screen printing space on the lid*

**GIMA CASES**
GIMA cases are IP67 certified tough, reliable and extremely durable in any condition. They offer superior protection from the elements, water, dust and impacts, making them suitable for a wide range of applications. Can be supplied with or without internal foam.



| GIMA code | CASES WITHOUT INTERNAL FOAM | | |
|---|---|---|---|
| | | Internal size | External size |
| **27220** | Medium - orange | 426x290x159 h | 464x366x176 h |
| **27221** | Medium - black | 426x290x159 h | 464x366x176 h |
| **27222** | Large - orange | 500x350x194 h | 555x428x211 h |
| CASES WITH INTERNAL FOAM | | | |
| **27226** | Medium - orange | 426x290x159 h | 464x366x176 h |
| **27227** | Medium - black | 426x290x159 h | 464x366x176 h |
| **27228** | Large - orange | 500x350x194 h | 555x428x211 h |

## PROFESSIONAL COOL BAG

*Waterproof zips*
*Removable shoulder strap*
*High quality insulation*
*Tested inner temperature 30°C for 11h at room temp 34°C*

*Padded PC case*

- **27210 MEDI EXECUTIVE PROFESSIONAL INSULATED COOL BAG**

Professional bag studied for lab samples and medicine transportation. Two compartments separated by inner removable panel: one for documents and one for medicines. Comes with 2 cube cases and 3 soft ice cooling cushions included. Size 38x25xh 31 cm. Capacity 26 l.

## MEDI-TRAVEL COOL BAG

*Detachable insulated pouch*

*Base storing 3 insulin*

- **27253 MEDI-TRAVEL COOL BAG - 23x11xh 21 cm**

Compact cool bag for medicines. High quality insulating material and finish. Waterproof zips. Internal pocket with zip. Removable insulated base indipendently usable for storing 3 insuline or thermolabile medicines. Supplied with 2 reusable gel cushions.

- **27217 SOFT ICE TEMPERATURE PACK - display of 12**

## MEDIPOCKET AND MEDINSULINE INSULATED COOL BAGS

**MEDI POCKET 12x65xh 20 cm**

**MEDINSULINE 10x5xh 18 cm**

**27252**

**27207**

**27208**

*Soft ice gel cushion included*

**27201**

**27202**

**27203**

**INSULATED COOL BAGS**
Compact insulated bags for insulin and thermolabile medicines transport.
High quality insulating material and finish.
Waterproof zips. Internal pocket with zip.
Supplied with 1 reusable gel cushion.

*Opening of 27207/8, 27252*

*Interior of 27201/2/3*

| Blue/ beige | Red/ white | DarkGrey/ beige | INSULATED BAGS |
|---|---|---|---|
| **27252** | **27207** | **27208** | Medi Pocket |
| **27201** | **27202** | **27203** | Medinsuline |
| **27217** | Soft ice temperature pack - display of 12 | | |

## THERMAL BAG

*Size: 34x25x24 cm*

**27206**

- **27209 THERMAL BAG - Colour yellow - nylon**

Thermal bag with pockets. Its temperature pack maintains cold or hot temperature for prolonged periods. Beautifully crafted, durable, insulated bag with detachable shoulder straps. 3 temperature packs included. Internal size: 30x23x21 cm. Made in Italy.

- **27206 THERMAL BAG TEMPERATURE PACK - pack of 2**

## DIABETIC BAG

*Size: 17x11.5x5.5 cm*
*Temperature pack 100 cc*
*Size: 24x18xh 6 cm*

- **27255 DIABETIC BAG - empty - blue**
- **27254 MINI DIABETIC BAG - empty - blue**

Thermal pharmaceutical bags **designed specifically for carrying medicines that must be kept at cool temperatures**, ideal for diabetics. **Temperature pack included** to provide a temperature of about 10°C for up to 10 hours. Exterior material is a water repellent vinyl nylon with a foam backing. Made in Italy.

## UTILITY BAGS

27125

*Made in water resistant 600D polyester*

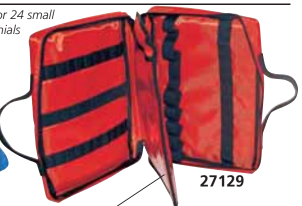
27127

- **27125 UTILITY DOCTOR BAG - blue - empty**
- **27127 UTILITY DOCTOR BAG - beige - empty**

Practical doctor bag for easy transport of instruments and medications, provided with 8 internal movable divisions, 3 external pockets, 8 elasticated retaining, 1 internal pocket with zip, 1 removable mini bag (17x3xh 24 cm). Size: 36x22xh 25 cm.

## VIAL BAGS

27133



*For 9 large and 13 small phials*

*For 24 small phials*

27129

*Central partition with double transparent pocket*

- **27129 MAXI VIAL BAG - red - 600D polyester - 29x24xh 7 cm**

The best way to protect, identify and organize up to 46 phials of any size. Made of two parts, with elastic strips for holding 9 big and 37 small ampoules.

- **27133 MEDICATION BAG - blue - 600D polyester - 34x24xh 7 cm**

Compact bag made in water-proof anti-scratch 600D polyester: 2 internal zip pockets and 9 elasticated retainers.

## THERMIC CUBE CASES

27204

27205

- **27204 THERMIC CASE - small - 16.5x8.5xh 13.5 cm**
- **27205 THERMIC CASE - medium - 16.5x8.5xh 18.5 cm**

Light and compact insulated bag, ideal for thermolabile medicines. Can be used alone or as accessory to cool boxes and bags.

## PRO SPIKE FOR USED NEEDLES

*Size: 90x54x185 mm*
*Weight: 88 g*

27149

- **27149 PRO SPIKE**

Pro spike is a small disposable plastic container for the separate collection of spiky and cutting wastes (needles, scalpels) on the operation field.

It has a clever lid with a safe closing system and a clip so you can attach it to belts and backpacks. Made in plastic material. It can be disposed of with the contents.

## PROFESSIONAL BAG

27128

*Made in 70D nylon (external) 600D polyester (internal)*

- **27128 PROFESSIONAL BAG - empty**

Professional versatile bag, designed for general practitioners and any professional. It includes: 3 detachable transparent pouches with velcro, 1 ampoule holder with 23 elastic bands with velcro, 1 large pouch with 4 dividers with velcro, clip paper board, document holder, various pockets. Shoulder strap, handle, hidden straps to carry on back. External size: 42x35x15 cm. Weight: 3.3 kg. Maximum recommended contents weight: 5 kg.

## DIATERMO BAG

*Size: 30x40xh14 cm*

27139

- **27139 DIATERMO BAG - black - 600D polyester**

Designed to carry small electrosurgical units, audiometers, spirometers, ECG with their accessories. One division to separate device from accessories and one zip pocket.

## INSTRUMENT AND VIAL BAGS

*Padded protection and velcro fastening*

25742

25745

*With zip closure*

*Padded in velvety cloth with protection and velcro*

26650

*With zip closure*

26649

| GIMA code | VIAL INSTRUMENT BAGS* | Size | Colour | For |
|---|---|---|---|---|
| **25742** | Vials bag | 19.5x15xh3 cm | 🟦 | 12 vials |
| **25745** | Mini Vials bag | 18x14xh2 cm | ■ | 6 vials |
| **26650** | Instrument bag | 19.5x15xh3 cm | ■ | 12 instrum. |
| **26649** | Mini Instrument bag | 18x14xh2 cm | ■ | 8 instrum. |

**Made in 600D polyester (external)*

## SMART EMERGENCY BAGS

### POLYESTER

27153 27152 27150

*Shoulder straps included with medium and large bag.*

*4 pockets (5 for 27153) 1 or 2 on front, 2 on sides and 1 on back*

27153

### POLYESTER WITH OUTER PVC COATING

27157 27158 27155

*Large pocket on top and shoulder straps included with medium bag*

*Removable lining for easy cleaning*

*Large pocket on top*

27157

*Padded bottom and frontal pocket*

*Safe metal buckles*

*Large 10 mm zips*

*Rubber bottom with feet*

*Shoulder straps*

**SMART BAGS: polyester or polyester PVC coated - empty**

Professional emergency bags extremely capacious with internal adjustable compartments which permit personalized organization of the space. Provided with external pockets, internal divisions, and one (2 for code 27153) removable pouch with transparent window. All bags are made in strong, water resistant 600D polyester. Available also with outer PVC coating (27155-8). Provided with double yellow reflective strips. Internal lining is removable for easy cleaning.
Waterproof rubber bottom to prevent water infiltration.
May be carried on shoulder or hand.

| Polyester | Polyester PVC coated | Model | Colour | Size | Internal modular spaces | External pockets |
|---|---|---|---|---|---|---|
| **27150** | **27155** | Small | red | 45x28xh 28 cm | 3 | 4 |
| **27151** | - | Medium | red | 55x35xh 32 cm | 6 | 4 |
| - | **27157** | Medium | red | 55x35xh 38 cm | 6 | 5 |
| **27152** | - | Medium | blue | 55x35xh 32 cm | 6 | 4 |
| - | **27158** | Medium | black | 55x35xh 38 cm | 6 | 5 |
| **27153** | - | Large | red | 65x35xh 35 cm | 6 | 5 |

## EMERGENCY BAGS - POLYESTER OR POLYESTER PVC COATED

### POLYESTER

### POLYESTER WITH OUTER PVC COATING

27165 27167 27166

*2 lateral pockets 22x18 cm and 11x18 cm*

27167

*Lateral pocket 32x18 cm*

*Front pocket 35x20 cm*

- **27165 EMERGENCY BAG - polyester - red - 35x45xh 21 cm**
- **27166 EMERGENCY BAG - polyester PVC coated - red - 35x45xh 21 cm**
- **27167 EMERGENCY BAG - polyester PVC coated - blue - 35x45xh 21 cm**

Capacious bag, despite the compact size. Large central compartment, 1 front and 3 lateral pockets. May be carried on shoulder (braces) or hand (2 handles).

Made in strong, water resistant material (600D polyester). Available also with outer PVC coating (27166-7). Provided with yellow reflective strips and rubber bottom.

## CUBO EMERGENCY BAG

27163

27163

27163

- **27163 CUBO EMERGENCY BAG - polyester PVC coated - red**

Portable emergency bag with internal and external zip pocket and 2 removable pouches with transparent window.
Made in strong, water resistant 600D polyester with outer PVC coating. Provided with double reflective yellow strip.
Size: 28x34x13 cm.

## LIFE-2 EMERGENCY BAG

27161

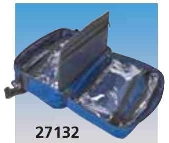
27161

27161

- **27161 LIFE-2 EMERGENCY BAG with 5 coloured pouches**

2 section first-aid bag with double opening zip: bottom side with shockproof inner basin, upper side with 5 removable coloured pouches (model E1) with transparent window.
Made of strong, water resistant 600D polyester material and provided with reflective yellow strips.
Shoulder or hand portable. Size: 47,5x33xh 30 cm.

## MEDICATION BAG


27132

- **27132 MEDICATION FIRST AID BAG - 31x22x11 cm**

First aid bag provided with 2 internal transparent pockets, one external pocket, internal division with 2 zips on both sides, handle and carrying belt.

## HOLSTERS

*All holsters have belt loop*

27145

27146

27147

| GIMA HOLSTERS - EMPTY | Size | Colour<br>Red | <br>Blue |
|---|---|---|---|
| Large Holster - with pocket | 21x12xh 6.5 cm | **27147** | **27148** |
| Flat Holster | 19x14xh 1 cm | **27145** | **27146** |

## POUCHES WITH VELCRO

*Padded back and front*

E5 27197

E2 27184

E3 27188

*Padded back*

E4 27194

**POUCHES WITH VELCRO**
All pouches are provided with a large strip of female velcro on back.
Made in 600D polyester.

E1 27180

E6 27200

| Model | Size - cm | RED | BLUE | YELLOW | GREEN | Standard with |
|---|---|---|---|---|---|---|
| **E1** | 20x11x8 | **27180** | **27181** | **27182** | **27183** | 27161 |
| **E2** | 28x12x10 | **27184** | **27185** | **27186** | **27187** | 27170/1/4/5, 27150-8 |
| **E3** | 28x15x11 | **27188** | **27189** | **27190** | **27191** | 27171 |
| **E4** | 33x15x11 | **27192** | - | **27194** | - | 27151/2/7/8, 27175 |
| **E5** | 29x19x11 | **27196** | **27197** | **27198** | **27199** | 27174 |
| **E6** | 38x10x5 | **27200** grey colour | | | | |

## NYLON BAGS IN 5 COLOURS

| NYLON BAGS - 22x15.5 cm | | | | |
|---|---|---|---|---|
| Blue | Green | Red | Black | Grey |
| **32791** | **32793** | **32794** | **32795** | **32796** |
| **32792** | Same as above with inner foam | | | |

32792

*Provided with zip closure and external pocket with velcro closure*

## LOGIC-1 RUCKSACK

27170

- **27170 LOGIC-1 RUCKSACK - polyester - medium - 40x20xh 47 cm**

Supplied with 5 coloured pouches with transparent window and velcro strips, 2 frontal pockets and 2 lateral pockets. Internal velcro strips and elastics, to retain instruments. Provided with yellow reflective strips.

## LOGIC-2 RUCKSACKS

- **27171 LOGIC-2 RUCKSACK - polyester - large - 40x25xh 47 cm**
- **27172 LOGIC-2 RUCKSACK - polyester PVC coated - large - 40x25xh 47 cm**

Rucksack made in strong water resistant 600D polyester. Available also with PVC outer coating (27172 only). Supplied with 6 coloured pouches with transparent window and velcro strips, 2 frontal pockets and 2 lateral pockets. Internal velcro strips and elastics, to retain instruments. Central division with zip and elastics. Provided with yellow reflective strips and shoulder straps.

27170

27171

27172

## AMBULANCE RUCKSACK

27174

*Large 10 mm zips*

27174

*Rubber bottom*

- **27174 AMBULANCE RUCKSACK - polyester**

Modular extra large rucksack provided with 8 internal pouches, 4 coloured with handle (model E5) and 4 coloured with transparent window (model E2). Velcro internal strips for pouches fixing. Provided with double yellow reflective strip.
Size: 40x30xh 57 cm

27174

## SILOS-2 RUCKSACKS

- **27168 SILOS-2 RUCKSACK - polyester - blue - 38x24xh 50 cm**
- **27169 SILOS-2 RUCKSACK - polyester PVC coated - red - 38x24xh 50 cm**

Professional rucksacks made in strong water resistant 600D polyester and with PVC outer coating (27169 only)
- removable compartment with 4 transparent pockets and many elastic strips
- central storage space with 3 pockets, velcro strips and elastic strips
- two external pockets with elastic strips and velcro strips:
one 35x16 cm, one 35x32 cm with 4 internal transparent pockets
- rubber bottom with 4 feet
- two removable external plates for printing name
- comfortable back shoulder straps and plastic handle on both sides.

27169

## GIMA PODOSCOPE WITH POLARIZED LIGHT

27363

**• 27363 GIMA LED PODOSCOPE**
The GIMA Podoscope with polarized light allows operators to observe the foot plant highlighting the points with the heaviest pressure. The patient stands on the methacrylate platform, an excellent light conductor, provided with an inner light source to detect variations of colour intensity on the foot plant, corresponding to higher or lower plant charge.

**Highly resistant, easy maintenance**
The GIMA Podoscope with polarized light has been designed for a long lasting duration. High-quality material and components, serial assembly and control checks constantly performed during production and at final test, provide superior accuracy. Its structure is resilient and can bear charges up to 135 kgs - 297 lbs. Its green-light LED has a life of 25,000 hours (duration indicated by the manufacturer).

**Easy to use, light and practical**
The GIMA podoscope becomes operative at once simply switching it on. Just after the patient has stepped on it, in real time you can proceed with the study. The device is meant to be practical and easy to use. Since methacrylate is light and resistant at the same time, the device can be comfortably moved from a place to another, also thanks to its limited dimensions. The step is low: 22 cm from ground level, so that even elderly patients can easily step on it.

**TECHNICAL SPECIFICATIONS**
Capacity: 135 kg - 297 lbs
Dimensions: 43.5x42.5xh 22 cm - 17.12x16.75x8.67 inches
Weight: 8 kg - 17.63 lbs
Operating voltage: 220 V-50/60 Hz - Schuko plug (British plug available on request)
Green light LED stripe with 25,000 hours of life

## POSTURAL ANALYSER

27387

*Size: 60x66xh 220 cm*
*Capacity: 200 kg*

**• 27387 NEW POSTURAL ANALYSER**
**• 27352 POSTURAL ANALYSER**
Devices for analysing posture in the frontal, rear and lateral planes. The patient stands with feet in the positions indicated on the platform. It includes a platform, elastic grid, two aluminum side bars, measuring indicators with plumb line for postural reference (Barré's vertical evaluation) and adjustable mirror on top. The image reflected in this upper mirror allows observation of any rotation of the shoulders. Manual: GB, IT. On request ES.

27352

*Size: 80x72xh 225 cm*
*Capacity: 135 kg*

## PLUMBING WEIGHT

**• 27355 PLUMBING WEIGHT**
Made of stainless steel (magnet) with wire length 150 cm.
Supplied in wooden case.
Size: 6.2x2.3 cm.
Weight: 140 g.

27355

## LED PODOSCOPE

27353

*Size: 46x55xh 33 cm*
*Weight: 15.5 kg*
*Power: 100-240 V, 50/60 Hz*

**• 27353 LED PODOSCOPE**
Device for the plantar analysis of the feet. It has a lacquered wooden structure and a crystal top with an inclined mirror below it for a real view of the sole of the feet, which highlights the points of greatest and least load. Double lateral illumination with high level effect lamps. Max Load 200 kg. Strong reliable and professional product, made in Italy.

## SCOLIOMETER

**• 27351 SCOLIOMETER**
Plastic instrument for the evaluation of the scoliosis (deviation of the spinal column on the lateral, left and right planes). The instrument detects the anomaly and its gravity. It also allows to compare reports during the time and define the evolution of the measured pathological process, thus reducing the need of frequent radiographical tests. The small sphere oscillating within an air space indicates the spine inclination degree, compared to the horizontal plane.

27351

## SMEDLEY HAND DYNAMOMETER

28791

**• 28791 SMEDLEY HAND DYNAMOMETER - aluminium**
Spring type hand dynamometer used to measure grip strength. Adjustable handle comfortably accommodates any hand size. Dial indicator remains at maximum until reset and is calibrated both in kg (0-100) and pounds (0-220).
Manual in: GB, FR, IT, ES.

## HAND GRIP METER

28790

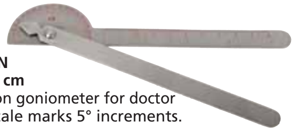
**• 28790 HAND GRIP METER - plastic**
Indicator remains at maximum until reset and is calibrated 0-75 kg.
Size 20x15 cm.
Sold in a blister.
Manual in: GB, FR, IT, ES.

## STAINLESS STEEL GONIOMETERS

**• 24900 FINGER GONIOMETER 6" - 15 cm**
Finger goniometer measures range of motion of finger joints. Linear scale in inches and centimeters on arms.
180° scales marked in 5° increments.

**• 24901 180° DIGIT GONIOMETER 6" - 15 cm**
Allows taking readings using only one hand. Measures 110° flexion through 40° hyperextension in 5° increments.

**• 24903 360° GONIOMETER 14" - 35 cm**
This goniometer has two opposing 180° scale and one 360° scale all marked in 1° increments. Sturdy adjustable knob, controlling tension of arms.

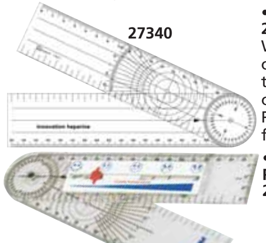


**• 24902 180° ROBINSON GONIOMETER 7" - 17.5 cm**
Pocket size 180° Robinson goniometer for doctor and therapist. Linear scale marks 5° increments.

**• 24904 180° EXTRA LONG ARMS GONIOMETER 14" - 35 cm**
Extra long arms, useful for measuring all joints. Arm has a linear scale marked in 1° increments.

## GONIOMETERS

Used by orthopaedic surgeons to measure the range of movement of joints: elbows, knees and fingers.



27340

27339

**• 27340 GONIOMETER - 205x45 mm**
With circular scale used to check the size of hip joints and the angle of the femoral neck on X-rays.
Personalisation with your logo for minimum 2,500 pcs.

**• 27339 GONIOMETER WITH PAIN SCALE RULER - 203x45x7 mm**

27339

27338

**• 27338 GONIOMETER WITH ARMS (tolerance 1°)**
Measures analytical motility of various body segments in degrees (from 0 to 360 clockwise or anti-clockwise direction).
Consists of two perspex arms (3 mm thick) that will remain open at any given position due to the friction at the joint between them.
Two graded scales: one increasing scale and one decreasing scale.

## BMI TAPE

27341

**• 27341 BMI - Tape Measure**
Pocket retractable tape measure 150 cm.
BMI (Body Mass Index) calculator on front panel.
**• 27342 BMI - Tape Measure**
Economical version of 27341.

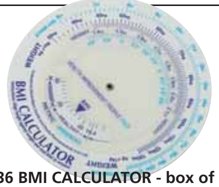
27341

## BODY TAPE

**• 27343 BODY TAPE MEASURE**
Track your body measurements and progress. Measures any body part: arm, thigh, calf, chest, waist, hip...
Measures in inches and centimeters; total measurement length: 60 inches / 152 cm.
Sturdy vinyl tape.

Push-button retraction and locking feature ensures easy measurement and superior accuracy.

## BMI CALCULATOR



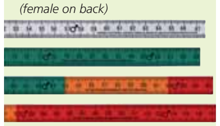
**• 27336 BMI CALCULATOR - box of 10**
Used in hospital and surgeries gives an indication of general health through the ratio of weight to height.
Made of 2 rotating discs: 108 mm diameter (base) and 76 mm (top).
Can be personalized with your logo for a minimum of 1,000 pieces.

## PROFESSIONAL BODY - HEAD TAPE

27347

**• 27347 PROFESSIONAL BODY TAPE**
**• 27350 PROFESSIONAL BODY TAPE with pediatric gauge box**
Patented, professional body tape measure approved by the Italian Ministry of Health for adult and pediatric use. Tape is coloured on both sides to help to identify metabolic risk in abdominal measure for male and female. Length of tape: 8-150 cm. Thanks to its rounded shape, it can be used also as a head measure tape. Packed in single box.
**Body tape with pediatric gauge box (27350)**
Specific tape for pediatric use. Supplied in a box with a ruler to compare the measured head circumference with the standard percentiles of children's growth from 0 to 36 months. Suitable for both sexes.

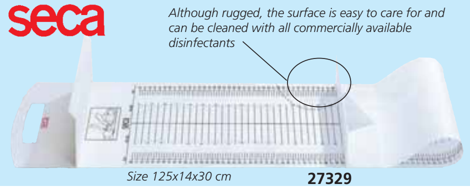
*Level of metabolic risk for male (female on back)*



27350

*Multilanguage manual: GB, FR, IT, DE, ES, GR, PT, Arabic.*

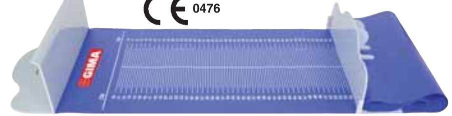
# MEASURING MAT FOR BABIES



*Although rugged, the surface is easy to care for and can be cleaned with all commercially available disinfectants*

**• 27329 SECA 210 - BABY MEASURING MAT** CE 0123
Mobile measuring mat for babies and toddlers.
Kind to the skin, washable, foldable.
The space saving solution for easy and precise measurement of baby length. Range 10-99 cm. Graduation: 5 mm.

CE 0476



**• 27331 GIMA BABY MEASURING MAT**
Washable and foldable measuring mat for babies and toddlers, easy to carry. For easy and precise measurement of baby length. Size: 121x30 cm. Measuring range: 10-99 cm. Graduation: 5 mm.

# SECA INFANTOMETER

CE 0123

*The unique V-shape automatically places the baby in the right measuring position*

*The head and foot positioners lock into place to capture results. Indication can be read after measuring*

**• 27316 SECA 416 - INFANTOMETER**
Infantometer for measuring babies and toddlers in hospital.
The sturdy construction and stability of the infantometer makes it quick and easy to measure babies and toddlers up to two years old. The board is generously designed and the raised and softly rounded sides guide the baby easily and safely into the right position. Permanently mounted with rollers on two guide rails, the footpiece slides smoothly along the scale. Because the footpiece is lockable, the baby can be removed and the result noted later. All parts are tough and durable.
Measuring range: 33-100 cm. Graduation: 1 mm.
Size: 110x16.9x40.2 cm. Weight: 3.8 kg.

# GIMA PEDIATRIC MEASURING INSTRUMENTS

CE 0476

**• 27326 BABY MEASURE "CALIBRO"**
Made of oxidized aluminium, metric graduation 0-900 mm, division 5 mm. Certified by Italian "weights and measure institute". Weight: 300 g.
**• 27327 CRANIOMETRO - HEAD MEASURE**
Made of special, soft, non stretchable plastic.
Measures child head girth up to 60 cm.
**• 27337 ORCHIDOMETER - wood**
Used by pediatricians for screening of children's testicles

CE 0476

*A string of 12 numbered wooden beads of increasing size from about 1 to 25 mm used to determine size of testicles.*

# HEIGHT MEASURE

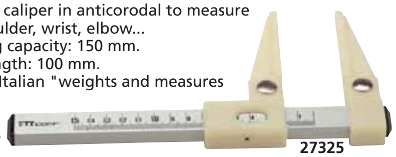
**• 27335 TAPE HEIGHT MEASURE**
Clear scale 0-200 cm.
Easy wall fixation.
Supplied with screw for wall mounting.

CE 0476

# BONE MEASURE

**• 27325 BONE MEASURE**
Slide-knot caliper in anticorodal to measure knee, shoulder, wrist, elbow...
Measuring capacity: 150 mm.
Burner length: 100 mm.
Tested by Italian "weights and measures institute".

CE 0476



# ELECTRONIC HEIGHT ROD

*Size:*
*345x92x28 mm*

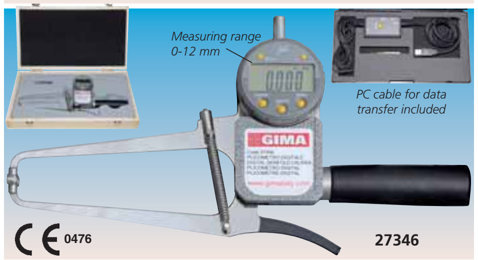
*Power supply:*
*2x1.5 V AA batteries*

*Weight:*
*300 g*

**• 27333 SOEHNLE ELECTRONIC HEIGHT ROD**
Measuring range: 50-240 cm (20-94.5 inches), division: 1 cm.
Manual in: DE, GB, FR, ES, IT, GR, CZ.

**• 27264 SOEHNLE BABY HEIGHT ROD**
Digital and mechanical rod 35 to 80 cm, division 1 cm. LCD display, digit height 16 mm.
Manual in 23 languages.

# PROFESSIONAL SKINFOLD CALIPERS: MECHANICAL AND DIGITAL



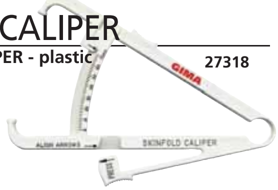
**• 27320 PLICOMETRO - Professional skinfold caliper - mechanical**
**• 27346 PLICOMETRO - Professional skinfold caliper - digital with PC cable for data transfer USB**
This high precision instrument measures the thickness of a fold of skin with its underlying layer of fat giving physicians the situation of the subcutaneous tissues of the patient.
**Possibility of re-calibration**
Produced to meet International Standards, the Gima "Skinfold caliper" has springs which exert a pressure of 10 g/mm² on the skinfold and an accurate scale which measures thickness in mm. With possibility of re-calibration of the pressure it solves the major problem of traditional skinfold caliper that is reduction of the tension of the spring in the time.
**Easy to use and read**
With double reading scale (27320) or digital display (27346), it is supplied with picture showing advised positions for measurements. Tables will help obtain correct % of body fat from measured data and make a correct evaluation of the patient.
**Stylish and user-friendly**
A special nylon finish makes the device feel skin, avoiding trouble of contact with metal. Made in metal and sold in an attractive wooden box (19x36xh 6 cm). Made in Italy, provided of medical device CE certification. User manual in GB, FR, IT (both models), ES, DE, (27320 only).
**Data management on PC (only 27346)**
For immediate data transfer on most programmes (Excel, Word, Open Office, ...). Requirements: Windows 2000, XP (Service Pack 2), 7, Vista. USB 2.0 minimum.

# FAT-2 SKINFOLD CALIPER

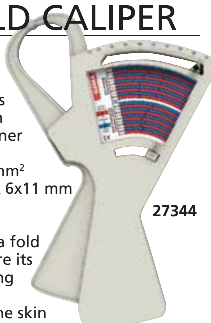
**• 27349 FAT-2 SKINFOLD CALIPER**
Aluminium, light weight skinfold caliper to measure body fat.
Large, easy to read 67 mm scale.
Supplied with a protective carrying case and measuring procedure.
Multilinguage manual in: GB, FR, IT, ES.

# BODY FAT CALIPER

**• 27318 BODY FAT CALIPER - plastic**
Size 16.5x10x0.5 cm.
Weight 22 g.
Supplied into a polybag in a paper box.



# FAT-1 SKINFOLD CALIPER



**• 27344 FAT-1 SKINFOLD CALIPER**
Economic but precise and accurate skinfold caliper for professional use, made in Italy. Measures the thickness of skin folds over the body, based on the characteristics developed by Tanner and Whitehouse:
- pressure on the fold: approx 10 g/mm²
- contact surface on the fold: approx 6x11 mm

It allows a correct evaluation of the nutritional status and the sectoral distribution of adipose tissue. Raise a fold of skin with your fingers and measure its thickness by the forceps (max opening 4 cm): on the top edge a scale in millimeters and an arrow measure the skin fold (triceps, subscapular muscles, etc...) with an accuracy of about ±2 mm. The coloured bands placed near the scale allow a simultaneous comparison of the measured value with referential percentages related to men and women. This information is included in the manual provided with the unit and facilitate the interpretation of the values. Advised in dietetics, cardiology, sports medicine, aesthetic medicine, gynaecology, pediatrics, ecc...
Multilanguage manual: GB, FR, IT, DE, ES, GR.

CE 0476

# OMRON BF511 BODY COMPOSITION MONITOR

**• 27293 OMRON BF511 BODY COMPOSITION MONITOR**
OMRON BF511 provides full body measurement with clinical accuracy, it is validated and classified as a medical device, even for kids.
It offers a comprehensive set of readings including body and visceral fat, skeletal muscle level, BMI and resting metabolism.
Measurement with 8 sensors on both hands and feet for complete body measurement.
It uses the Bioelectric Impedance (BI) method, fat is shown as a percentage of body weight.
Multilanguage package and manual (GB, IT, FR, DE, NL, RU, Arab).
Battery operated: 4xAA (included).

*Extensive insight in your body composition*

*Resting metabolism is the minimum number of calories needed to sustain you every day*

# BODY FAT ANALYZER WITH CARRYING CASE

**• 27322 GIMA BODY FAT ANALYZER**

Ideal for dieticians, gymnasia and sports centres, it is perfect also for homecare. It helps manage nutrition, fitness and weight control and can indicate if you are at the right weight and also whether you are nutritionally healthy.

Advanced technology in your hands.

GIMA Body Fat Analyzer measures the flow of electrical signals (total body electrical resistance or impedance) as they pass through FAT, LEAN (muscle, bones, vital organs) or WATER. When the amount of fat, lean or water changes, so does the Body Fat signal, giving you a highly reliable and accurate measure of the amount of each of these components that make up your total weight. Specifically, 4 electrodes are placed over metacarpus and metatarsus where a 50 kHz current is introduced. The detected signal level will be an index of total body water and fat free mass.

**Only 2 minutes for an essential and easy test**

Testing and results take less than two minutes and have the same accuracy as other more expensive devices.

**A lot of meaningful data**

**FAT:** actual weight of fat on the body

**LEAN:** actual weight of lean, mostly muscle and vital organs

**WATER:** water content in the body

**% FAT:** percentage of fat weight in total body weight

**% LEAN:** percentage of lean weight in total body weight

**BMR:** basal metabolic rate

**Target Weight:** weight goal under optimal condition

**Target % Fat:** normal percent for sex and age

**Portable, for performing test everywhere**

Small size and light weight for portability.

**Body Fat Analyzer helps get and stay fit.**

It helps maximize personal level of fitness if you want to lose weight, build muscle, tone and trim, or simply be sure you are maintaining your current level of fitness:

- enables you to check effectiveness of weight loss programme, telling exactly where your weight loss is coming from (fat-lean-water)
- it helps monitoring improvements in muscle mass as a result of exercise and/or diet
- establishes a baseline for your body composition, so that nutritional and fitness improvements can be regularly monitored. **Frequent calibration** (code 27324 calibration kit) is necessary for accurate results in the time.

27322

Supplied with a carrying case, kit of 2 sensor cables, sensor pads (box of 20), 2x9 V batteries, transformer and manual (GB, IT, FR, ES).

**• 27321 SPARE SENSOR CABLES (kit of two)**

**• 27323 SENSOR PADS (box of 20) - replacement**

**• 32205 9V ALKALINE BATTERY**

**• 27324 CALIBRATION KIT**

**TECHNICAL SPECIFICATIONS**

Size: 66x176x208 mm
Weight: 1,500 g (unit, battery and probe)
Test frequency: approx. 50 kHz
Test current: less than 1mA
Power source: two 9 Volt DC batteries or 230 V (by transformer)

# FITNESS SCALE

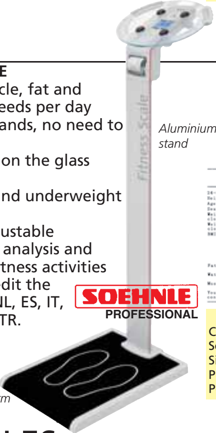
**• 27286 SOEHNLE 7850 FITNESS SCALE**

Fitness scale for measurement of muscle, fat and water components, BMI and caloric needs per day

- impedance measurement through hands, no need to take off the shoes
- simple self-explanatory menu guide on the glass surface
- no limit on measurement for over- and underweight people
- clothing weight value seasonally adjustable
- print-out of data/time, weight, data analysis and recommendations for nutrition and fitness activities
- CD-Rom with software included to edit the print-out and settings in DE, GB, FR, NL, ES, IT, HU, CZ, FI, SE, NO, DK, GR, PL, SI, RU, TR.
- kg/lbs/st selection function

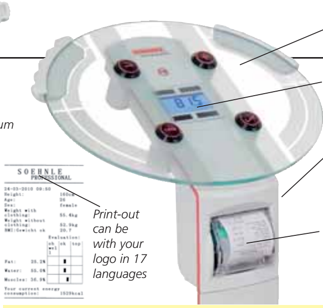
Manual in: GB, FR, IT, DE, CZ.

**• 33250 PAPER ROLL 57mm x 25m - box of 5**



Aluminium stand

Extra large weighing platform



Glass surface easy to clean

Large Backlit LCD display with 17 mm high digits

USB port opposite to LCD for direct connection to PC for customize set-up (charging logo, ...)

Print-out can be with your logo in 17 languages

Integrated printer

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Capacity: | 180 kg |
| Sensitivity: | 100 g / 0.2 lb |
| Size - weight: | 365x490xh 1,290 mm - 15.8 kg |
| Platform size: | 365x480xh 45 mm |
| Power supply | 100-240 V, 50/60 Hz |

# BODY FAT SCALES

**• 27088 LIBRA BODY FAT SCALE - white**

**• 27089 LIBRA BODY FAT SCALE - black**

Multi function scales, for measuring body fat, water, muscle and bone mass. Supplied in a 4 colour box with multilanguage manual (GB, FR, IT, ES, PT, PL)

- equipped with 4 precision G sensors
- 8 user memories
- auto off in 30 seconds
- auto-on function
- 3 touch buttons for easier usage

**TECHNICAL SPECIFICATIONS**

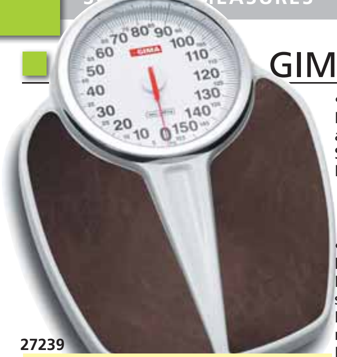
| | | |
|---|---|---|
| Capacity: | 150 kg / 330 lb - minimum 5 kg | LCD Size: 62.5x62 mm |
| Sensitivity: | 100 g / 0.2 lb | Batteries (included) |
| Size | 310x310x18.8 mm | Switchable kg/lb/st |

27088

27089

Weight and analysis of results shown on scale

# GIMA BIG DIAL SCALES



27239

**• 27239 GIMA BIG DIAL SCALE**

Mechanical scale with classic design: a large and clear dial, a robust housing made of steel. Supplied in multilingual gift box.
Made in Europe.

**TECHNICAL SPECIFICATIONS**

Capacity: 160 kg
Dial Ø: 180 mm
Minimum measuring weight: 5 kg
Sensitivity: 1,000 g
Weight: 3 kg
Dimension: 430x380x70 mm

**• 27240 GIMA DIGITAL BIG DIAL SCALE**

Digital scale with extra large, easy to read LCD display (65 mm). Strong and durable steel construction, comfortable platform. Lb/kg/st switchable by user. Supplied in multilingual gift box.
Made in Europe.

8 language manual and box: GB, FR, IT, ES, DE, PT, GR, Arabic

CAPACITY 200 KG

27240

**TECHNICAL SPECIFICATIONS**

Capacity: 200 kg
Sensitivity: 100 g
Minimum measuring weight: 2 kg
Power: lithium battery (included)
Dimension: 430x380x70 mm

# GIMA BATHROOM DIGITAL SCALES

LCD display 74x38 mm

27262

**• 27262 DIGITAL SCALE**

Electronic bathroom scale with plastic platform. 4 sensor high precision system. Auto-on function, low battery and overload indicator. Lb/kg/st switchable. 9 languages colour box and manual: GB, FR, IT, ES, DE, PL, PT, GR, Arabic

**TECHNICAL SPECIFICATIONS**

Capacity: max 150 kg (330 lbs) - min. 3 kg (6.6 lb)
Sensitivity: 100 g = (0.2 lb)
Dimension: 299x297x32.4 mm
Power: 1xCR2032 lithium battery - not included
Warranty: 2 years

27248

LCD display 72x35 mm

Ultra slim design: only 19 mm height

9 languages colour box and manual: GB, FR, IT, ES, DE, PL, PT, GR, Arabic

**• 27248 DIGITAL GLASS SCALE - black**

Electronic bathroom scale with 6 mm thick tempered glass platform. 4 high precision G sensors. Automatic on and off function. Lb/kg/st switchable by user.

**TECHNICAL SPECIFICATIONS**

Capacity: max 150 kg (330 lb) - min. 2 kg (4.4 lb)
Sensitivity: 100 g (0.2 lb)
Dimension: 300x300x19 mm
Power: 1xCR2032 lithium battery - not included
Warranty: 2 years

27249

**• 27249 DIGITAL GLASS SCALE - grey**

Electronic bathroom scale with 6 mm thick tempered glass platform. 4 high precision G sensors. Automatic on and off function. Lb/kg/st switchable by user.

**TECHNICAL SPECIFICATIONS**

Capacity: max 150 kg (330 lb) - min. 2 kg (4.4 lb)
Sensitivity: 100 g (0.2 lb)
Dimension: 300x300x19 mm
Power: 1xCR2032 lithium battery - not included
Warranty: 2 years

# MECHANICAL SCALE

27230

**• 27230 MECHANICAL SCALE**

Analogue bathroom scale with stable construction and plastic cover.
18 languages box and manual instruction: GB, FR, IT, ES, PT, DE, GR, HR, HU, SI, RO, EE, LT, LV, CZ, PL, RU, Arabic.

**TECHNICAL SPECIFICATIONS**

Capacity: 125 kg (275 lb)
Sensitivity: 1,000 g (2 lb)
Warranty: 2 years

# SOEHNLE AND OMRON DIGITAL SCALE

Large LCD display 38 mm

27231

**• 27231 GALA XL DIGITAL SCALE**

Digital bathroom scale with large and economic platform and bright LED digits. Automatic on and off function.

**TECHNICAL SPECIFICATIONS**

Capacity: 150 kg (330 lbs)
Sensitivity: 100 g (0.2 lbs)
Power: 2x1.5 V AAA batteries - included
Packing size: 38x6x36.3 cm
Weight: 2.4 kg
Warranty: 5 years

UP TO 180 kg

27091

Weight difference function helps to accurately measure the weight of your baby without the need of manual calculation

**• 27091 OMRON HN288 DIGITAL SCALE**

Unique technology makes it easy to weigh persons but even, luggage and babies. Four integrated sensors for a reliable reading, up to 180 kg.

**TECHNICAL SPECIFICATIONS**

Capacity: 180 kg
Sensitivity: 100 g
Power: 2x1.5 V AAA batteries - included
Packing size: 38x6x36.3 cm
Weight: 2.4 kg

## SECA MECHANICAL SCALES

CE 0123

**• 27241 SECA 750 SCALE**
Mechanical flat scale with sturdy, powder coated steel casing. Pretty and stable with its white powder coated lacquer.
A hard wearing synthetic white leather covers weighing platform. Made in Europe.
User manual in: GB, FR, IT, ES, DE, PT, PL.

**TECHNICAL SPECIFICATIONS**
Capacity: 150 kg - 330 lbs
Sensitivity: 1 kg
Size: 317x117x477 mm
Weight: 3.5 kg

seca

**• 27280 SECA 761 SCALE - medical use - Class IIII**
**• 27285 SECA 762 SCALE**
Traditional model with large easy-to-read dial.
Pointer professional scale in strong metal structure white painted.
Consistent accuracy on any surface.
Spacious platform design with no slip rubber mat, stable for safety.
Tare function.
User manual in: GB, FR, IT, ES, DE, PT, PL.

CE 0123

MEDICAL USE

CE IIII

**TECHNICAL SPECIFICATIONS**
Capacity: 150 kg - 330 lbs
Sensitivity: 500 g ± 2 g (27285) - 1,000 g (27280)
Size: 305x120x470 mm
Weight: 3.5 kg

## GIMA BLUETOOTH SCALE

GIMA

*Supplied with manual in: GB, FR, IT, ES, PT, PL, GR.*

CE FDA

*Analysis of results shown on APP*

**• 27090 LIBRA BODY SCALE with Bluetooth 4.0 - white**
Multi function scales, for measuring body fat, water, muscle and bone mass. Equipped with 4 precision G sensors, 8 user memories, auto off in 30 seconds, auto-on function.

**TECHNICAL SPECIFICATIONS**

| | | |
|---|---|---|
| Capacity: | 150 kg / 330 lb - minimum 5 kg | LCD Size: 62.5x62 mm |
| Sensitivity: | 100 g / 0.2 lb | Batteries (included) |
| Size | 310x310x18.8 mm | Switchable kg/lb/st |

## AND BLUETOOTH SCALE

A&D

*Durable glass plate*

*Selectable kg or lb*

CE 0678

Continua HEALTH ALLIANCE

Bluetooth

**• 27256 AND UC-351PBT-Ci HEALTH SCALE - Bluetooth**
Advanced health scale designed for ease of use and accuracy.
This device will facilitate your daily weight management.
At the end of measurement, data is automatically sent from this scale to the receiver device through Bluetooth.

**TECHNICAL SPECIFICATIONS**

| | | | |
|---|---|---|---|
| Capacity: | 150 kg / 330 lb | Sensitivity: | 100 g < 100 kg > 200 g |
| Size: | 350x350x39 mm | Weight: | 2.3 kg |

## iHEALTH WIRELESS AND BODY ANALYSIS SCALES

CE

**• 23506 iHEALTH LITE HS4 WIRELESS SCALE**
See specifications at page 3

*Wi-Fi Sync, easy installation. Secure and free data storage*

iHealth
Download on the App Store
GET IT ON Google play

CE FDA

*For iOS and Android version 4.0 + See the list of compatible devices on ihealthlabs.com/support*

**• 23508 iHEALTH CORE HS6 WIRELESS BODY ANALYSIS SCALE**
See specifications at page 3

## PRECISION SCALE

*LCD rigid height 10.4 mm*

**• 27246 PRECISION SCALE**
With temperated glass Ø 160x4 mm, tare function, kg/lb-oz.

**TECHNICAL SPECIFICATIONS**
Capacity: 5 kg (11 lb)
Sensitivity: 1 g
LCD display: 35x15 mm
Size: 185x158xh 50 mm
Battery: 1xCR2032 - not included

## BODY FAT SCALE

**• 27229 EXACTA DELUXE SCALE**
Measuring body weight, fat, water, muscle content and daily caloric consumption.

**TECHNICAL SPECIFICATIONS**
Capacity: max 180 kg (400 lb, 28 st) min 3 kg (6.6 lb)
Sensitivity: 100 g (0.2 lb)
LCD Display: 31 mm
Safety glass: 310x310x22 mm
Battery: 2x CR2032 - included
Warranty: 3 years

## SOEHNLE PROFESSIONAL DIGITAL SCALES

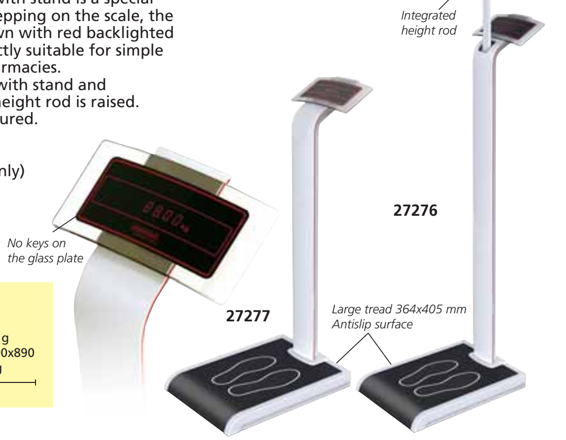
**• 27275 SOEHNLE 7830**
**• 27276 SOEHNLE 7831 with height rod and BMI display**
**• 27277 SOEHNLE 7730 CE M Class III**
The new range of Soehnle professional personal scales with stand is a special highlight with its gently curved glass indicator. While stepping on the scale, the display is activated automatically and the weight is shown with red backlighted numbers. It does not require any operation and is perfectly suitable for simple weighing in medical institutions, wellness areas and pharmacies.
**Scale with integrated height rod Soehnle 7831** (27276) with stand and height rod switches automatically from kg to cm if the height rod is raised. Thus, patients can be simultaneously weighed and measured.
Features:
- indication of weight, height and BMI (27276 only)
- integrated height rod from 120 cm to 202 cm (27276 only)
- simple to use, tare key on the back of the display
- glass scale indicator (glass thickness 8 mm)
- bright LED display: 5 digits, height 15 mm

Made in Germany.
Manual in: DE, GB, FR, ES, PT (only 27277), IT, NL, DK, FI, SE, NO, GR, TR, CZ, SK, PL, RU.

**TECHNICAL SPECIFICATIONS**

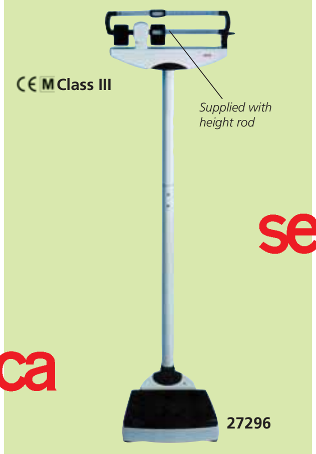
| | **27275** | **27276** | **27277** |
|---|---|---|---|
| Capacity: | 250 kg | 250 kg | 250 kg |
| Sensitivity: | 100 g | 100 g | 50/100 g |
| Dimension mm: | 365x490x890 | 365x490x1,280 | 365x490x890 |
| Weight: | 14.1 kg | 17.2 kg | 14.1 kg |
| Power Supply: | 230 V - 50-60 Hz<br>(available on request 110 V) | | |

SOEHNLE PROFESSIONAL



## SECA MEDICAL SCALES - CLASS III

seca



seca

CE M Class III
All it takes is the press of a key to find out BMI
27292
27292 + 27298
The non slip surface on the platform guarantees a safe and secure foothold

**• 27284 SECA 756 - mechanical with height rod - (60-200 cm) - class III**
Tradition combined with modern design. With a very sensitive precision mechanism to show weight through the aid of a well visible red pointer on the circular dial.
User manual in GB, FR, IT, ES, DE, PT, PL, NL, GR, DK, SE, FI, NO.

**TECHNICAL SPECIFICATIONS**
Capacity: 160 kg
Sensitivity: 500 g
Weight: 18.5 kg
Dimensions: 628x360x1,000 mm
Platform: 360x350 mm with wheels

**• 27296 SECA 711 - mechanical with height rod (60-200 cm) - class III**
**• 27297 SECA 700 - mechanical with height rod (60-200 cm)**
Mechanical column scale with weight adjustment at eye level. Weight can be measured in a conventional way: by aligning two chrome plated indicators.
User manual in GB, FR, IT, ES, DE, PT, PL, NL, GR, DK, SE, FI, NO.
**• 27298 SECA 220 HEIGHT ROD - spare**

**TECHNICAL SPECIFICATIONS**
Capacity: 220 kg
Sensitivity: 100 g (27296) - 50 g (27297)
Weight: 21.7 kg
Dimensions: 520x1,556x520 mm
Platform: 350x360 mm

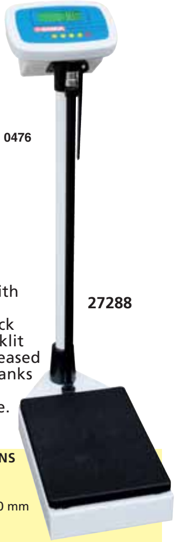
**• 27292 SECA 799 - electronic with BMI - class III**
**• 27298 SECA 220 HEIGHT ROD**
Versatile, low maintenance and site independent with economic battery operation, ideal for daily use in hospital and doctors practices. Column scale is easy to move around with its transport castors. BMI function permits a reliable evaluation of the nutritional conditions of the patient. Equipped with several fuctions: TARE, HOLD, weighing range switch-over, automatic switch off. User manual in GB, FR, IT, ES, DE, PT, PL, NL, GR, DK, SE, FI, NO.

**TECHNICAL SPECIFICATIONS**
Capacity: 200 kg
Sensitivity: 100 g < 150 kg > 200 g
Weight: 6.3 kg
Dimensions: 294x831x417 mm
Platform: 272x280 mm

**Keys to symbols:** M = *Metrological Approval for use in medical field*
CE III = *Calibration according to class III sensitivity required by 90/384/EEC*
CE 0109 = *Approved scales according to 93/42 EEC*

## PEGASO DIGITAL SCALE

*Switchable kg/lb.*



*Anodized aluminium telescopic height rod cm-inches with measurement range 75-210 cm and graduation of 0.5 cm*

CE 0476

27288

**• 27288 PEGASO DIGITAL SCALE with height meter (75x210 cm)**
Professional and reliable digital scale with integrated height rod. Easy to use, each function has an on-screen display to track activities in real time. High contrast backlit LCD display with 20 mm figures for increased readability. Exact and reliable results thanks to tare and fixed weight functions.
Auto-off function to avoid energy waste.
Can be operated by mains or batteries.
**• 27281 POWER SUPPLIER - spare**

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Capacity: | 200 kg |
| Sensitivity: | 100 g |
| Dimensions: | 535x275x1,060 mm |
| Platform: | 372x275 mm |
| Weight: | 15 kg |
| Power supply: | 110-240 V - 50/60 Hz |
| Battery accumulator: | 6V 5AH |
| Recharging time: | 4-5 hours |
| Operating time when fully charged: | 36 hours |

## DIGITAL CHAIR SCALE

SOEHNLE PROFESSIONAL

27273 CE

**• 27273 CHAIR SCALE SOEHNLE 7802**
Fully electronic scale: no wear and tear parts, no maintenance.
Easy to read display with 20 mm high figures.
Zero setting, taring and hold functions.
Tiltable arms for easy access of bed-ridden and frail patients.
Powered by either mains or rechargeable batteries.
Cable for recharging batteries included.
Manual in: DE, GB, FR, NL, ES, IT, PT, CZ, FI, SE, NO, DK, GR, PL, TR.

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Capacity: | 200 kg (440 lb) |
| Sensitivity: | 100 g |
| Total weight: | 25 kg |
| Dimensions: | 580x1,100x930 mm |
| Power supply: | 230 V / 50-60 Hz, 10 mA, 2.2 VA<br>Rechargeable batteries |
| Made in Germany | |

## ASTRA SCALE

*Reading on both sides of measuring rod 75 to 200 cm*

CE 0476

27310

*Wheels for easy mobility*

*Platform with anti-skid cover*

**• 27310 ASTRA SCALE - 200 kg mechanical with height meter (75-200 cm)**
Sturdy and reliable beam scale to warrant exact and precise measurements.
Made in steel and varnished in high resistance white shellac.
Robust lever system.
Provided with wheels for easy mobility.
User manual in GB, ES, FR, IT, DE, GR, PT, Arabic.

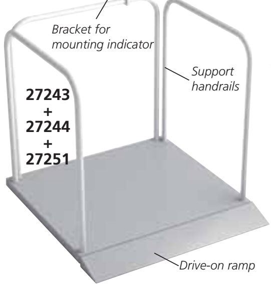
**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Capacity: | 200 kg |
| Sensitivity: | 100 g |
| Weight: | 17 kg |
| Dimensions: | 275x1,485x530 mm |
| Platform: | 375x275 mm |

## MULTIFUNCTION SCALE

SOEHNLE PROFESSIONAL

*Multifunction scale combined with 3 support handrails, a drive-on ramp and indicator bracket*

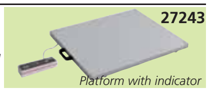


*Bracket for mounting indicator*

*Support handrails*

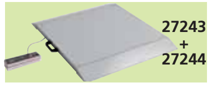
*Drive-on ramp*

27243
+
27244
+
27251



27243

*Platform with indicator*



27243
+
27244

27243
+
27245

**• 27243 MULTIFUNCTION SCALE - SOEHNLE 7808**
Manual in: DE, GB, FR, NL, ES, IT, GR, FI, NO, SE, DK, CZ, RU.
**• 27244 DRIVE-ON RAMP**
**• 27245 ADIPOSITY HANDRAILS + BRACKET FOR INDICATOR**
**• 27251 SUPPORT HANDRAILS + BRACKET FOR INDICATOR**
**• 27278 MULTIFUNCTION SCALE - SOEHNLE 7708 CE M Class III (complete with 27244+27251)** - manual in: GB, FR, DE
Multifunction scale prepared for easy (and later) mounting of support handrails, adiposity handrails, bracket for indicator, drive-on ramps. Movable by means of 2 rollers and handle. Large LCD display, digit height 20 mm. Made in Germany.

**TECHNICAL SPECIFICATIONS**

| | | | |
|---|---|---|---|
| Capacity: | 300 kg | Sensitivity: | 100 g |
| Dimension: | 840x880x55 mm | Weight: | 16 kg |
| Power supply: | 230 V - 50-60 Hz<br>(available on request with rechargeable battery or Class III) | | |

VETERINARY SCALES SEE PAGE 366

## HOSPITAL DIGITAL BABY SCALE

seca

CE M Class III

27267

**• 27267 SECA 376 HOSPITAL SCALE - digital class III**
- high-quality Seca scale technology with fine 5-gram graduation
- TARE, HOLD, auto-HOLD and BMIF for extra convenience
- extra large and ergonomic tray for safe weighing
- adjustable damping
- large display for easy reading
- network-capable with seca 360° wireless technology

**TECHNICAL SPECIFICATIONS**

Capacity: 20 kg
Sensitivity: 5 g up to 7.5 kg, 10 g from 7.5 kg up
Dimensions - weight: 620x190x358 mm - 3.7 kg
Platform: 615 x 130 x 275 mm
Battery operated

**WIRELESS TECHNOLOGY - optional**

With the seca 360° wireless technology the seca 376 can transmit measurements to the optional seca 360° wireless printer.
With the network-capable software seca analytics 115 and wireless USB adapter seca 456, your PC can receive and analyze measurements and forward them to an Electronic Medical Records (EMR) system.
Thus the seca 376 is EMR-integrated and ready to handle digital patient records and all the demands the future will bring.
More information about EMR integration is at www.seca.com

## SECA ELECTRONIC BABY SCALES

*The weighing tray can be removed quickly and easily at the touch of a button*

CE

27283

27282

**• 27282 SECA 354 - electronic**
**• 27283 SECA 384 - electronic - CE M Class III**
Two scales in one: with a comfortable tray to weigh in a reclining position, easily detachable to be converted into a floor scale. Breast-milk-intake function determines how much milk the baby has suckled. Other functions: tare, auto-hold, kg/lbs switch over automatic switch off, BMIF.
User manual: GB, FR, IT, ES, DE (27282-3), PT, PL, NL, GR, DK, SE, FI, NO (27283 only).

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Capacity: 20 kg | Sensitivity: 10 g < 10 kg > 20g |
| Dimensions: 552x156x332 mm | Weight: 2.3 kg (27282), 2.8 kg (27283) |
| Batteries operated | Made in Asia |

## PAPER SHEET FOR BABY SCALES

**• 25250 PAPER SHEET for baby scales - flow pack of 25**
Pure wedding of cellulose, 2 plies (30+30 g/m²) + high density polythene (10 g/m²)

## HOSPITAL DIGITAL BABY SCALE

SOEHNLE PROFESSIONAL

*Mains or battery operation*

CE M Class III

27263

**• 27263 SOEHNLE 7725 HOSPITAL SCALE - digital - Class III**
A two-range scale with high precision and reliability suitable for hospital use (approved class III, MPG class I). The damping and hold function guarantee a stable weight indication. With high stability for safe weighing of our babies. Easy to clean plastic and ergonomic forms allow a simple and hygienic cleaning.
- high-contrast LCD display with 20 mm high figures
- large reading angle
- automatic zeroing at switch-on
- tare function key
(laid on pad can be tared)
- hold function
Manual in: DE, GB, FR, ES, IT.
**• 27264 BABY HEIGHT ROD**
Digital and mechanical rod, 35 to 80 cm, division 1 mm.
Manual in 23 languages.

27263+
27264

**TECHNICAL SPECIFICATIONS**

Capacity: 15 kg
Sensitivity: 2 g up to 6 kg, 5 g from 6 kg up
Dimensions - weight: 60x35x12 cm - 4.6 kg
Operating voltage: 220-235 V/50-60 Hz or rechargeable batteries

## SECA MECHANICAL BABY SCALE

CE

seca

27299

**• 27299 SECA 725 - mechanical**
**• 27294 SECA 745 - mechanical - CE M Class III**
The sturdy classic: with its softly curved weighing tray, the stable all-steel casing and the precise, smooth running weights, this model is the indestructible original baby scale.
User manual: GB, FR, IT, ES, DE, PT, PL.

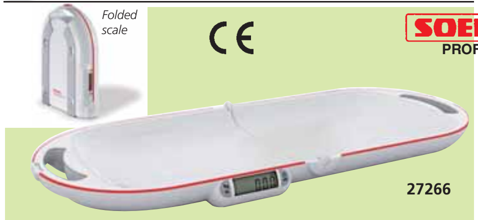
**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Capacity: 16 kg | Sensitivity: 5 g (27299) 10 g (27294) |
| Dimensions: 550x180x290 mm | Weight: 6 kg |
| Made in Asia | |

25250

*Size: 40x45 cm*

## FOLDABLE BABY SCALE



- **27266 SOEHNLE 8320 FOLDABLE BABY SCALE**

Foldable baby scale for easy transport.
Folding mechanism with magnetic lock.
Easy to open: remove the base and pull the handles apart.
Taring function: pads, blankets placed under the baby are tarable.
Steady weight display through filtering and hold function.
Large LCD display easy to read.
Switchable to kg/lb.
Manual in: DE, GB, FR, ES, IT, GR, CZ, Arabic.

27271

- **27271 CARRYING BAG**

**TECHNICAL SPECIFICATIONS**

Capacity: 15 kg
Sensitivity: 10 g
Dimensions: 395x315x105 mm (closed) - 740x315x53 mm (open)
Alkaline battery 2x1.5 V AAA - not included
Weight: 1.9 kg
Warranty: 2 years

## HOME CARE BABY SCALE

Removable baby weighing tray
27306

- **27306 SOEHNLE 8352 MULTINA DIGITAL BABY AND CHILD SCALE**

Well-designed, easy to handle baby scale made out of easy to clean plastic.
- detachable baby tray
- suitable to weigh children up to 20 kg removing baby tray
- easy to read LCD-display with 13 mm figures
- simple operation with one button
- fully-electronic scale: no wear and tear parts, no maintenance
- tare function to calibrate for baby blankets/textiles
- hold function: weight value will be held for 10 seconds after unloading
- automatic power-off to save battery capacity
- manual in: DE, GB, FR, IT, ES, NL, DK, SE, HU, FI, PT.

- **27307 TRAY FOR 8352 - spare**

**TECHNICAL SPECIFICATIONS**

| | | | |
|---|---|---|---|
| Capacity: | 20 kg | Dimensions: 601x346x92 mm | |
| Battery operated: | 9 V | Sensitivity: 10 g | Weight: 3.5 kg |
| Warranty: | 2 years | Made in Germany | |

## BABY AND CHILD SCALE

Multilanguage box in: GB, FR, IT, ES, PT, PL, DE, RO, CZ, HR, HU, LV, EE, SK,SI.
27312

- **27312 BABY AND CHILD DIGITAL SCALE**

Multifunctional scale for babies and children with removable light plastic tray. It can be used with tray for babies or without for children.
Weight difference display function with memory: you can see the gain of weight of the baby after feeding.
Precise scale with easy-to-read LCD display.
Auto zero, auto tare, auto hold function.
Automatic switch off and low battery indicator.
Switchable to kg/lb/st. Manual: GB, FR, IT, ES, PT, DE.
Made in Europe.

**TECHNICAL SPECIFICATIONS**

| | | | |
|---|---|---|---|
| Tray dimensions: | 525x305x63-95 mm | Capacity: | 20 kg |
| Pack dimension: | 540x300x110 mm | Sensitivity: | 10 g |
| Battery operated: | 2xCR2032 lithium batteries | Weight: | 2 kg |

## GIMA ELECTRONIC BABY SCALE

27313
LCD digit height: 18 mm
Multilingual user manual and gift box: GB, FR, IT, ES, PT, DE, Arabic

- **27313 GIMA ELECTRONIC BABY SCALE**

Handy, reliable and well-designed electronic baby scale.
Provided with large LCD display 66x28 mm and kg/lb switch.
Supplied with height tape meter and washable sheet.

**TECHNICAL SPECIFICATIONS**

| | | | |
|---|---|---|---|
| Capacity: | 20 kg / 44 lbs | Sensitivity: | 10 g |
| Dimensions: | 595x340x90 mm | Weight: | 4 kg |
| Battery operated: | 4x1.5 V AA | Auto-off function | |

## FAMILY BABY SCALE

- **27301 FAMILY BABY SCALE**

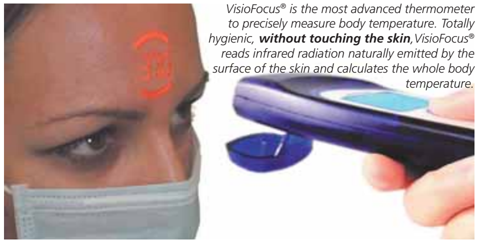
Baby scale suitable for domiciliary use.
Capacity 20 kg/44 lbs

| | |
|---|---|
| Scale division: | - 50 g (0-10 kg) |
| | - 100 g (10-20 kg) |

Plastic tray. Dialplate in kg and lbs. Manual zero adjustment.
Multilanguage manual: GB, FR, IT, ES, PT, DE, Arabic.

0476
27301

## ☐ VISIOFOCUS® AND VISIOFOCUS® PRO "NON CONTACT" THERMOMETERS


*VisioFocus® is the most advanced thermometer to precisely measure body temperature. Totally hygienic, **without touching the skin**, VisioFocus® reads infrared radiation naturally emitted by the surface of the skin and calculates the whole body temperature.*

- **25573 VISIOFOCUS®**
- **25574 VISIOFOCUS® PRO**

25573

High accurate "non contact" thermometer that projects the temperature on the forehead.

**Advantages of VisioFocus®:**
- **exclusive patented aiming system** guarantees correct point and distance
- **projection of the temperature on the forehead**
- **face button** automatically adjusts forehead temperature to the environment (room) temperature for accurate result
- **exclusive and patented AQCS and MQCS** systems to maintain correct and constant temperature of device during long periods of use or when moving between rooms with different temperatures
- **clinically tested**
- **totally hygienic for patients and users:** no touch & no disposables
- **no laser:** absolutely safe for travellers and users, no harm if the person eyes are open while measurement is taken
- **CE, FDA, Koseisho, TGA, CFDA** (VisioFocus®), **CE** (VisioFocus® Pro)
- **instantaneous:** gives temperature in less than 1 second
- **Nurs and Doct functions (only 25574) for pandemic situations**: allow to take temperature of up to 1,000 travellers per hour. Nurs has obliged MQCS every 30 minutes, Doct has automatic AQCS
- **low using cost** thanks to the long battery life and speed of measurement that allows to reduce the number of thermometers and of operators necessary for a wide screening
- **Made in Italy**

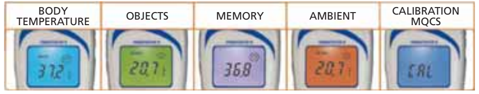
*Visiofocus® is supplied with batteries and manual (GB, FR, IT, ES)*

25573

*Visiofocus® Pro is supplied in a case with lanyard, batteries and manual (GB, FR, IT, ES)*

25574

**BACKLIGHTED DISPLAY IN 5 DIFFERENT COLOURS, ONE FOR EACH FUNCTION**



**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Forehead measuring range | 34.0 /42.5°C (93.2/108.5°F) |
| Measuring range (apart from forehead) | 1.0/80°C (33.8/ 176°F) |
| Room temperature working range | 16/40°C (50/104°F) |

*Can work also in environments with a temperature between 10 and 16°C (50/60.8°F) and between 40 and 45°C (104/113°F) but in this case the accuracy is reduced*

| | |
|---|---|
| Resolution | 0.1° |
| Accuracy level | According to ASTM E 1965-98:2009 |
| Distance of operation: | About 6 cm (2.36") |
| Batteries (included) | 4 AAA/LR03 type (preferably alkaline) |
| Batteries life | <30,000 measurement |
| Measurement time | <0.5 seconds |
| Time between consecutive measurements | <2 seconds |

## ☐ NON CONTACT THERMOMETER

- **25591 INFRARED NON CONTACT THERMOMETER**

Multifunctional infrared non contact thermometer for body and objects.
Effective distance 5-15 cm.
**Body temperature with fever teller**
Wide range 32.0-42.9 °C (89.6-109 °F) and green, yellow, red backlight.
**Object temperature 0-100 °C (32-212 °F)**
Body object function for ambient temperature, milk or bath surface temperature.
**Fever alarm**
**32 memories**
**Instant response time: 1 second**
Auto/manual power off.
Supplied with 2AA batteries.
Size 160x95x46 mm.
Display 30x31 mm.
Reading scale °C/°F switchable
Multilanguage box and manual: GB, FR, IT, ES.

**FEVER TELLER**

*Green backlight* *Yellow backlight* *Red backlight*

## ☐ FOREHEAD THERMOMETER

- **25585 INFRARED MULTI-FUNCTION FOREHEAD THERMOMETER**
- **32212 SPARE BATTERY**

Multifunctional innovative infrared thermometer with 5 applications: forehead temperature, room temperature, scan mode for surface temperatures (bath water or milk), real time clock, stopwatch.
- friendly 3 LED zone indicator to get fever status
- instant measurement
- large LCD to read easily
- detailed 9 memories with time/date & site
- fever alarm with beeper
- selectable °C/°F mode
- small size to carry when travelling
- accurate: ± 0.2/0.3 °C
- self-diagnosis warning when device is abnormal.

Packed in deluxe card board box.

*3 LED Fever Indicator*

25585

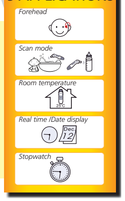
0476

**TECHNICAL SPECIFICATIONS**

| | | |
|---|---|---|
| Measurement range: | - forehead: | 34.0 °C~42.2 °C (93.2 °F~108.0 °F) |
| | - scan mode: | -22/80 °C (-7.6-/76 °F) |
| Response time: | | 5-30 sec |
| Time between measurements: | | > 5 sec |
| Display Model | | °C/°F |
| Battery Type: | | CR2032 (32212) |
| Dimension (LxWxH) - Weight: | | 14x3.8x3 cm - 70 g |

Norms: IEC60601-1, IEC60601-1-2 (EMC), ASTM E1965-98

5 APPLICATIONS



## ☐ THERMOFOCUS® PROFESSIONAL "NON CONTACT" THERMOMETERS

**THERMOFOCUS THERMOMETERS**
The most advanced thermometers in the world! Thermofocus reads infrared radiations emitted by the surface of the skin and calculates accurately the body temperature.

*A patented optic-aiming system allows to immediately find correct distance for measurements.*

- **without touching:** never in contact to avoid any risk of infection
- **non invasive:** does not require patient collaboration, recommended for children
- **accurate:** a sophisticated microprocessor ensures high precision
- **economic:** no need of expensive probes
- **fast:** takes the temperature in less than one second
- **1 °C-55 °C:** for measurement of wide range of objects
- **body temperature scan (25571/2):** can be done quickly

**• 25570 THERMOFOCUS - mod. 0700A2 - 2 buttons - blister FOR FAMILY**
For the private user who needs an easy, fast and precise thermometer. Simply press the ON button, hold it perpendicular to the centre of the forehead and release the button as soon as the two red lights converge in a single point. It can also be used to take the temperature of objects such as a baby's feeding bottle. Not recommended for doctors and hospitals.

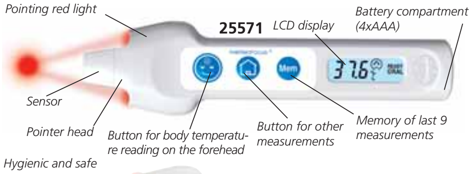
**• 25571 THERMOFOCUS - mod. 1500 - 6 in 1 - 3 buttons FOR DOCTORS**
For the family or the private doctor who require maximum accuracy and flexibility of the temperature taking. Same as 25570 with an additional button ("home") to read the ambient temperature and the skin temperature (professional use), as well as the temperature of objects and liquids within a range from 1 to 55 °C (33.8 to 131 °F). Provided with the exclusive Manual Quick Calibration System (MQCS) technology through which you can always perfectly stabilize the thermometer to the ambient temperature.

**• 25572 THERMOFOCUS - mod. 1500A/ H1N1 3 buttons HOSPITAL-EMERGENCY**

*For use in emergency and pandemic situations*

Specifically studied for hospitals, airports, schools, factories, etc. in case of emergency and/or pandemic situations. Quick, accurate and easy to use, allows a fast and hygienic temperature reading for thousands of consecutive measurements. Same as 25571, but with compulsory **MQCS** technology (Manual Quick Calibration System), through which you can always perfectly stabilize the thermometer to the ambient temperature, ready to take series of measurements. Supplied with a lanyard to be, worn around the neck.

**• 32200 "AAA" BATTERIES**


Pointing red light
25571
LCD display
Battery compartment (4xAAA)
Sensor
Pointer head
Button for body temperature reading on the forehead
Button for other measurements
Memory of last 9 measurements
Hygienic and safe

25570

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Forehead measuring range: | 34.0/42.5 °C (93.2/108.5 °F) |
| Measuring range (apart from forehead): | 1.0/55.0 °C (33.8/131 °F) |
| Ambient temperature working range | 16/40 °C (60.8/104.0 °F)* |
| Precision: | 0.1 °C (0.2 °F) |
| Accuracy level according to ASTM E 1965-98: | |
| from 34 to 35.9 °C (93.2/96.6 °F)= | ±0.3 °C (±0.5 °F) |
| from 36 to 39 °C (96.8/102.2 °F)= | ±0.2 °C (±0.4 °F) |
| from 39.1 to 42.5 °C (102.4/108.5 °F) | ±0.3 °C (±0.5 °F) |

Distance of operation: 3 cm (1.2 inch) fixed through optical signal
* The termometer can work also in environments with a temperature between 5 and 16 °C (41/60.8 °F), but we do not guarantee the accuracy.
Battery: 4xAAA (1.5V) included Weight: 99 g Size: 165x40x22 mm
Manual: GB, IT, FR, ES only for 25570-1. On request: PL
Soft manual available on request: FR, ES, DE, DK, NO, NL, PT, FI, S , TR, GR, RU, AR, KR
Made in Italy

**THERMOFOCUS 5 IN 1**

## ☐ EAR THERMOMETER

- **25580 IR EAR THERMOMETER**
- **25581 PROBE COVERS - box of 40 pcs.**
- **32212 SPARE BATTERY**

- fully meet "ASTM" standard and CE EN 12470-5 (only few brands passed it) in measurement accuracy (35.5 °C to 42 °C ± 0.2 °C, others ± 0.3 °C).
- unique and handy design
- one-second measurement, fast and easy
- 9 memory for temperature comparison and evaluation, fever alarm, easy reading LCD display
- self-diagnostic and infrared measurement

25581 25580

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Measurament Range: | 34.0 °C~42.2 °C (93.2 °F~108.0 °F) |
| Response time: | 1 second |
| Time between measurements: | > 5 sec |
| Display Model | °C/°F |
| Battery Type: | CR2032 (32212) |
| Dimension (LxWxH): - Weight: | 14x3.8x3 cm - 70 g |

Norms: IEC60601-1, IEC60601-1-2 (EMC), ASTM E1965-98

CE 0476

## ☐ PROFESSIONAL THERMOMETER

- **25575 PROFESSIONAL INFRARED EAR THERMOMETER**
- **25576 PROBE COVERS - box of 200 pcs. (5 tubes of 40 pcs.)**
- **25577 PROBE COVERS LOADER with 40 PROBE COVERS** HOSPITAL USE

- special design for hospital use
- durable probe for cover replacement up to 100,000 times
- probe cover ejector and probe cover detector
- one-second response time: fast and easy
- neck strap and 1 probe cover included
- fever alarm
- selectable °C/°F

Needs probe covers for use

*Probe cover ejector*

25577

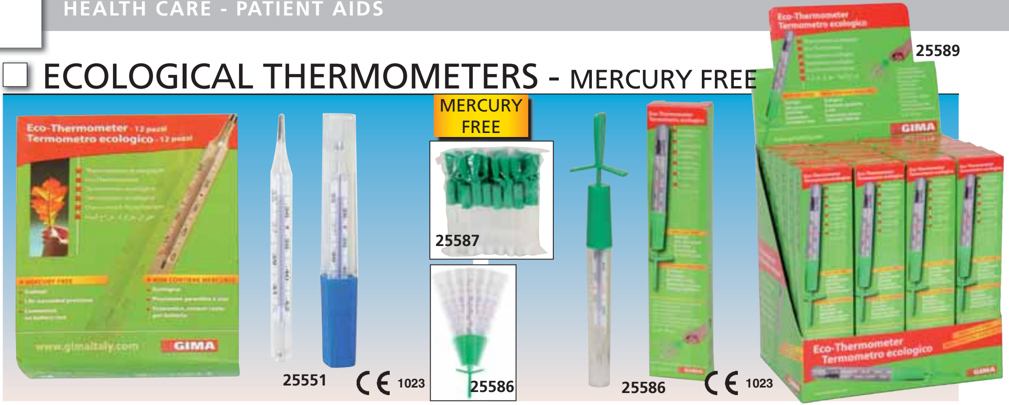
*Probe cover loader*

25575

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Measurement range: | 34~42.2 °C (93.2-108 °F) |
| Accuracy: | ±0.2 °C (0.4 °F) during 35.5~42 °C (95.9~107.6 °F),<br>±0.3 °C (0.5 °F) for other range |
| Memory: | 25 sets |
| Buzzer: | Yes |
| Battery: | CR2032 1 (Gima code 32212) |
| Dimension - weight: | 144.82x39.84x48.50 mm - 68.8 g |

## ☐ ECOLOGICAL THERMOMETERS - MERCURY FREE



- **25551 ECOLOGICAL OVAL THERMOMETER - box of 12**
- **25587 SHAKER for ecological thermometers - box of 24**

**Mercury free clinical thermometer with gallium alloy instead of mercury.** Safe, precise and functional. Glass structure.

- **25586 ECOLOGICAL OVAL THERMOMETER with shaker - box**
- **25589 ECOLOGICAL OVAL THERMOMETER with shaker display box of 24 pcs.**

Same as 25551 but supplied with a shaker to help shake down gallium after use.

## ☐ POCKET EAR THERMOMETER

**• 25579 POCKET EAR THERMOMETER**
Small, easy to clean, cover free design ear thermometer. Home use.

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Measurement Range: | 34-44 °C (93.2-111.2 °F) - ±0.2 °C (±0.4 °F) |
| Response time: | 1-2 seconds |
| Battery: | Lithium 3 V (CR2032) - life approx 4,000 measurements |
| Size - weight: | 114x35x40 mm - 35 g (including batteries) |

scan
37.2 °C
Easy to read 3 digit LCD display 27.9x13 mm
CE 0197
TÜV CERT DIN EN ISO9001 JIS Z9901 / EN 46001 ISO13485
FDA

25579

## ☐ WIRELESS THERMOMETER

**• 25548 TEMP SITTER - baby wireless thermometer**
Accurate and innovative thin thermometer. Transmission to mother smartphone APP (iOS and Android). To be placed under baby armpit. High temp alarm can be set in the APP. Waterproof and material of safe quality. Supplied with 10 adhesives to fix thermometer to baby armpit.

**• 25547 ADHESIVE TO FIX TEMP SITTER - box of 10 - spare**

25548

25548

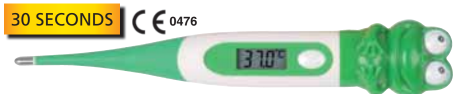
**TECHNICAL SPECIFICATIONS**
Battery life: 3,000 hours, not replaceable
Measurement range: 25-45 °C (±0.05 between 35-38.5 °C) Size: 51x32x7 mm

## ☐ BABY THERMOMETERS

60 SECONDS CE 0197

**• 25555 PANDA DIGITAL THERMOMETER °C - hang box water-proof, fever alarm**

30 SECONDS CE 0476



**• 25566 FROG DIGITAL THERMOMETER °C - hang box - flexible tip**

## ☐ NIPPLE-LIKE DIGITAL THERMOMETER

**• 25569 NIPPLE-LIKE DIGITAL PACIFIER THERMOMETER °C**
Individually packed in cardboard box, memorizes last temperature. Auto power-off. Display range 32.0°C - 42.0°C, with accuracy ±0.1°C.
1.5 V button battery included.

25569

## ☐ LIQUID CRYSTAL THERMOMETERS

25599

25600

25601

Non toxic, mercury free, safe, unbreakable, reliable, long lasting, easy to read, liquid crystal thermometers. 10 languages manual. Made in Italy.

**REUSABLE FOREHEAD THERMOMETERS**
- **25599 FEVERTEST - bag of 10 blister**
It indicates the normal temperature or fever in 15 seconds.
- **25596 FEVERTEST BULK - box of 100 - hospital use**
- **25600 FEVERCONTROL - bag of 10 blister**
It indicates temperature in 15 seconds with graduation of 0.5 °C. Safe, fast, accurate, non toxic, unbreakable.

**BODY TEMPERATURE MONITOR**
- **25601 48h FEVER MONITOR - bag of 10 blister of 3 pcs.**
Innovative "continual" fever indicator for 48h monitoring.

25596

## ☐ DIGITAL THERMOMETERS

60 SECONDS

25564

- **25564 GIMA VALUE DIGITAL THERMOMETER °C - box - rigid tip**

30-60 SECONDS CE 0197

25559

- **25559 GIMA DIGITAL THERMOMETER °C - box - 30 seconds** Sold in a counter display of 36 pcs. (GB - IT)
- **25560 GIMA DIGITAL THERMOMETER °C - hang box - 60 seconds**
- **25561 GIMA DIGITAL THERMOMETER °F - hang box - 60 seconds** (89,6-107,6 °F)

60 SECONDS CE 0197

- **25557 FLEXI JUMBO 2 DIGITAL THERMOMETER °C - hang box, flexible tip, water-proof resistant, fever alarm**

30 SECONDS CE 0476

- **25562 W-P DIGITAL THERMOMETER °C - hang box water-proof**

30 SECONDS CE 0476

- **25563 FLEXI DIGITAL THERMOMETER °C - hang box flexible tip, water-proof**

22 SECONDS

25552

- **25552 WIDE SCREEN DIGITAL THERMOMETER - box flexible tip, large diplay 27x22 mm. Battery 1.5 V button size**

10 SECONDS BACKLIGHT

25553

- **25553 BL1 WIDE SCREEN DIGITAL THERMOMETER - box flexible tip, water-proof, backlight after measurement, wide display (27x22 mm). Battery 3 V button size. Low battery indicator.**

*Counter display of 36 pieces*

25559

25560 25558

**GIMA DIGITAL THERMOMETERS**

Available in °C or °F, provide accurate and quick read-out.
Safe and easy to use with clear and large display.

- display range: 32.0-42.9°C (25556-7, 25559-60, 25562-4, 25552-4)
  32.0-42.0°C (25558)
- accuracy ±0.1°C (±0.2°F)
- memory: last reading
- beeper function and auto shut-off
- plastic case
- multilanguage manual and box (GB, FR, IT, ES, PT, GR) 25556, 25557 have also PL, Arab

- **25549 BATTERY 1.5 V LR/41 - box of 20** for all thermometers except 25558, 25553, 25554

10 SECONDS CE 0197 FDA

- **25558 FLEXI JUMBO DIGITAL THERMOMETER °C - hang box flexible tip, water-proof, fever alarm,** backlight jumbo display (31x14 mm size). Battery CR1220 3 V.

8 SECONDS CE 0197

- **25556 INSTANT DIGITAL THERMOMETER °C - hang box, flexible tip, water-proof, fever alarm, large display**

20 SECONDS GREEN/ORANGE/RED BACKLIGHT

*Lower than 37.1 °C will show green.*
*Between 37.2 and 37.9 °C will show orange.*
*Between 38.0 °C and 43.9 °C will show red mean fever*

*Battery 3 V button size (CR2032)*

- **25554 BL3 WIDE SCREEN DIGITAL THERMOMETER - blister flexible tip, water-proof, red/orange/green backlight after measurement, wide display 29.3x15.3 mm. Low battery indicator**

## ☐ BATH THERMOMETER

25567

CE 0476

- **25567 BATH THERMOMETER °C - Star**

Measures water temperature in 90 sec.
Measurement range 0 to 70° C.
Supplied in hang blister.

## ☐ BASAL THERMOMETER

- **25608 DIGITAL BASAL THERMOMETER °C - hang box - water-proof**

With 4 digits, 2 decimals, for fertility control

CE 0476

4 DIGITS, 2 DECIMALS

25608

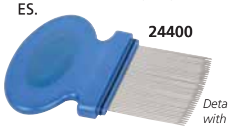
## ☐ MANUAL AND ELECTRIC LICE COMB

Natural, ecologic method to eliminate completely lice and nits without any harm. Ideal for allergy sufferers and children.

- **24400 MANUAL LICE COMB - blister** Ergonomic comb with long metal teeth and a detachable cleaning brush with built-in magnifier. The long, delicately closed teeth of the comb are designed specifically to detach lice and their nits (tiny eggs). The round form of the touching point respects the growth direction of the hair without harming its texture. Multilanguage blister: GB, FR, IT, ES.

*Free display box any 10 blister*

24400



24400

*Detachable cleaning brush with built-in magnifier*

- **24402 ELECTRIC LICE COMB**

This innovative product removes and kills lice and nits with a quick increasing electrical discharge of 130-180 Volts from the teeth, imperceptible and harmless to humans.
Auto switch off.
Provided of buzzer indicator and cleaning brush.
Supplied with 2 AAA batteries.

24402

## ☐ STOPLICE ANTI-LICE AND NITS SHAMPOO

- **24404 STOPLICE ANTI-LICE AND NITS SHAMPOO - 250 ml - box of 20**

Stoplice Shampoo is designed with special formula to get rid of nits and lice. The mechanical effect of tea tree oil, helps eliminating lices and nits. D-panthenol and aloe vera take care of hair and prevent the deterioration of the scalp. This product is suitable for all hair types. Apply by foaming and gentle massage, leave on hair for 10-15 minutes and rinse with warm water. Hair should be combed carefully to make sure all the nits and lices are cleaned. It is recommended to have at least two applications. Seven days after the first application, if necessary (if you come across nits again) repeat treatment.

24404

## ☐ DEVICES AGAINST INSECTS, MEDUSAE, SNAKE BITES

25771

CE 0051

- **25770 ZANZA-CLICK AFTERBITE - IT - green**
- **25771 ZANZA-CLICK AFTERBITE - GB - blue**

A few clicks to soothe the irritation caused by mosquito bite and nettles.

- **25772 BABYFRIEND**

Ultrasonic repelling device against mosquitos.

- **25773 ECOSAVE**

Electronic stimulator against snake bites or poisonous stings of insects and fishes.
Few electric shocks are enough to reduce toxic reaction.

CE 0051

## ☐ DENTAL HYGIENE

36655

- **36655 GERMORAL MOUTHWASH - bactericidal mouthwash**

**One display contains 12 bottles of 300 ml**

For daily oral hygiene, Germoral prevents and acts against the formation of bad breath because it stops fermentation in the oral cavity.
It performs an essential antiplaque and hygienic action. Particularly suitable for smokers, prothesis or paradontic teeth users or after dental surgery for disinfecting the oral cavity.
If regularly applied it prevents and acts against inflammations, gingival disorders, dental plaque formation.

## ☐ UNSTINGER®

- **24395 UNSTINGER®**

Insect poison extraction tool.
An easy and painless way to avoid the discomfort that follows from bites and stings by bees, wasps, hornets and even scorpions or snakes.
Reusable one-hand operated vacuum pump which easily and painlessly extracts poison and venom from a sting or bite.

24395

## ☐ TICK TWEEZER

- **24390 TICK TWEEZER**

## ☐ SPLINTER

- **24391 SPLINTER WITH MAGNIFYING GLASS 2X - 8 cm**

# ☐ PHARMADOCT FIRST AID, MEDICATION AND WELLNESS

25300

25301

25302

25305

25307

25310

25312

25314

25320

25322

25324

25335

25330

25332

25337

25316

25318

25372

25350

25351

25352

25370

25380

25382

25360

25361

25362

25363

25364

25390

All products are in blister with 7 languages package (GB, FR, IT, ES, DE, PT, GR) except 25332, 25380/82/90 (only GB, FR, IT, ES, DE)

| GIMA code | PHARMADOCT LINE | Pieces per box | Minimum order* |
|---|---|---|---|
| **25300** | Classic plasters - 7x2 cm | 20 | 12 box |
| **25301** | Classic plasters - 5 assorted sizes** | 30 | 12 box |
| **25302** | Classic plasters - 6 assorted sizes*** | 100 | 12 box |
| **25305** | Hypoallergenic plasters - 5 assorted sizes** | 30 | 12 box |
| **25307** | Hypoallergenic plasters - 2 (7.5x7.5), 2 (7.5x10) | 4 | 12 box |
| **25310** | Children plasters "tattoo" 10 (6x2), 6 (7x3.8) | 16 | 12 box |
| **25312** | Plasters with hemostatic gauze | 20 | 12 box |
| **25314** | Hand plasters - 5 (12x2), 5 (7x2), 4 (butterfly) | 14 | 12 box |
| **25320** | Dressing strip 100x6 cm | 1 | 12 box |
| **25322** | Cloth roll - fabric - 5 mx1.25 cm | 1 | 18 box |
| **25324** | Cloth roll 5 mx2.5 cm | 1 | 12 box |
| **25335** | First aid - kit of 8 different products | 8 | 8 box |
| **25330** | Cotton gauze swabs 18x40 cm | 6 | 12 box |
| **25332** | Elastic bandages 4 mx6 cm | 2 | 6 box |
| **25337** | Adhesive elastic compression bandage 2.5 m x 6 cm | 1 | 6 box |

| GIMA code | PHARMADOCT LINE | Pieces per box | Minimum order* |
|---|---|---|---|
| **25316** | Herpes patch | 15 | 12 box |
| **25318** | Nasal strips | 10 | 12 box |
| **25372** | Ear plugs | 4 | 12 box |
| **25350** | Corn plasters | 10 | 12 box |
| **25351** | Oval corn plasters | 9 | 12 box |
| **25352** | Blister plasters | 5 | 12 box |
| **25370** | Dental floss | 1 | 12 box |
| **25380** | Lip balm classic | 1 | 12 box |
| **25382** | Lip balm strawberry | 1 | 12 box |
| **25360** | Nail scissors | 1 | 12 box |
| **25361** | Cuticle clipper | 1 | 12 box |
| **25362** | Nail file | 1 | 12 box |
| **25363** | Tweezer | 1 | 12 box |
| **25364** | Small nail cutter | 1 | 12 box |
| **25390** | Condoms | 12 | 8 box |

*Minimum order is carton of "....." boxes, each one containing "....." pieces

**10 (7x2), 10 (4x1), 2 (3.8x3.8), 4 (7x2.4), 4 (Ø 2.5)

***30 (7x2), 20 (4x1), 20 (7x2.4), 10 (Ø 2.5), 14 (6x2), 6 (3.8x3.8)

# ☐ QUALITY PILL SPLITTERS AND PILL PULVERIZERS

These easy tools are ideal for elderly people, children and hospital attendants. Useful also for medicating pets. They avoid dispersion of medicine and guarantee integrity of the dose. Easy to clean, also in dishwasher. Made in non-toxic, unbreakable material.

- **25729 PILL SPLITTER - bulk**
- **25730 PILL SPLITTER - with box**
- **25743 ULTRA PILL SPLITTER - blister**

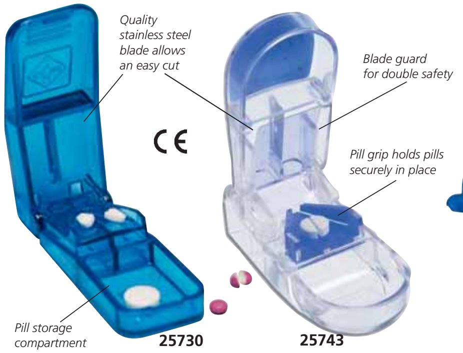
Accurately divide tablets, large and small pills for reduced dosage or easier ingestion. Simple to operate.
Top quality products, made in Europe (25729-30), USA (25743)

- **25747 DISPLAY FOR SPLITTER (25730) PULVERIZER (25731) - empty (English language)**

Suitable for 4 pill splitters and 4 pill pulverizers. Available in any language on request.

- **25731 PILL PULVERIZER - with box**
- **25744 ULTRA PILL PULVERIZER - blister**

Powerful pulverizing point, powders pills of any shape and size, with an easy twist of the wrist.


Quality stainless steel blade allows an easy cut
Blade guard for double safety
Pill grip holds pills securely in place
Pill storage compartment
25730
25743

Multilanguage box and instructions: GB, FR, IT, ES, DE, PT, PL, GR

# ☐ MIXED COLOURS PILL SPLITTERS - BOX OR DISPLAY

25749

- **25748 PILL SPLITTER - box of 12 pcs**

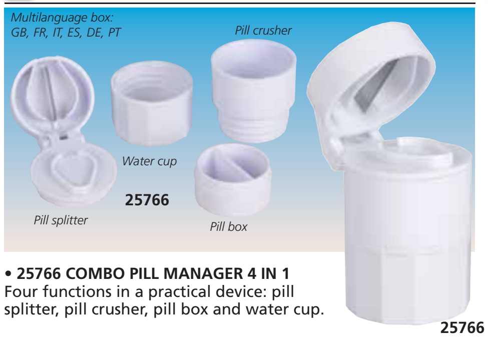
This box includes 12 pill splitters in 4 colours: light blue, green, transparent lavender and transparent orange.

- **25749 PILL SPLITTER - display box of 12 pcs**

Counter display box including 12 pill splitters in 4 colours (light blue, green, transparent lavender and transparent orange) in a single cardboard box.

25749

# ☐ COMBO SPLITTER-CRUSHER



- **25766 COMBO PILL MANAGER 4 IN 1**

Four functions in a practical device: pill splitter, pill crusher, pill box and water cup.

# ☐ PILL BOX TIMER

- **25765 PILL BOX TIMER**

Pocket pill box timer in ABS material, size 90x50x19 mm, supplied in cardboard box with batteries.
Double pill box space to store pills and tablets. It reminds when you have to take your medication with a countdown up to 19 hours and 59 minutes.

25765

# ☐ VIALS OPENER

- **25739 VIALS OPENER - box of 20**

A practical tool to help opening vials in a safe way.

25739

# ☐ PILL BOXES: 7 DAYS AND SINGLE DAY PLANNERS

- **25751 7-DAY TOWER PLANNER - GB, FR**
- **25753 7-DAY TOWER PLANNER - IT, DE**
- **25755 7-DAY TOWER PLANNER - ES, PT**

Available in any other language minimum 2,000 pcs (available in 90 days).

*Size: 13x11x3.5 cm*

**25751**

*7 detachable 4-compartment boxes (morning, noon, evening, night) Size: 10.5x3.5xh 1.5 cm*

**25767**

*7 detachable 4-compartment boxes Size: 9x2xh 2.5 cm*

*Size: 19.5x11x3.5 cm*

- **25767 7-DAY SPRING PLANNER x4 - GB**
- **25768 7-DAY SPRING PLANNER x4 - FR**
- **25769 7-DAY SPRING PLANNER x4 - IT**

Available in any other language minimum 2,000 pcs (available in 90 days).

- **25732 - 7 DAYS PILL BOX** blue translucent

*Translucent top enables the user to see if medication has been taken*

*It comes with one set of labels for individual marking of compartments in 11 languages (GB, FR, IT, ES, DE, PT, PL, GR, HU, RO, SE)*

*With 7 detachable 4 compartments small boxes (morning, noon, evening and night)*

*Size: 18x11.5x2.5 cm*

**25761**

*7 detachable 4-compartment boxes (morning, noon, evening, night) Size: 10x2.5xh 2 cm*

- **25761 7-DAY EASY PLANNER x4 - GB**
- **25762 7-DAY EASY PLANNER x4 - FR**
- **25763 7-DAY EASY PLANNER x4 - IT**
- **25764 7-DAY EASY PLANNER x4 - ES**

Available in any other language minimum 2,000 pcs (available in 90 days).

- **25757 TWICE A DAY PLANNER - IT**
- **25759 TWICE A DAY PLANNER - GB**

2 translucent colours

**25757**

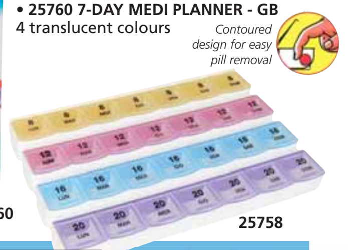
**25759**

**25760**

- **25758 7-DAY MEDI PLANNER - IT**
- **25760 7-DAY MEDI PLANNER - GB**

4 translucent colours

*Contoured design for easy pill removal*



**25758**

*Holds up to 50 pills*

L M M G V S D Q P C N
T T W J F S D Q P S

*Supplied with a set of labels for each day suitable for 6 languages: GB, FR, DE, IT, ES, PT*

**25750** **25735** **25752** **25754** **25734** **25756**

- **25750 PILL BOX** pack of 2 pcs - blue/pink - blister
- **25735 DAILY PILL BOX -** yellow - box
- **25752 DAILY PILL BOX -** blue translucent - blister
- **25754 DAILY PILL BOX -** white - blister
- **25734 WEEKLY PILL BOX -** white - box
- **25756 WEEKLY PILL BOX -** white - blister

| | **25750** | **25735/25752** | **25734** | **25732** | **25757/25759** | **25758/25760** | **25754** | **25756** |
|---|---|---|---|---|---|---|---|---|
| English language printed on pill boxes | yes | - | - | yes | yes | yes | yes | no |
| Labels in other languages* | - | - | yes | 11 languages | - | - | - | - |
| Colour | blue/pink | yellow/blue | white | translucent | translucent | translucent | white | white |
| Compartments | 2 | 6 | 7 | 28(4x7) | 14(2x7) | 28(4x7) | 4 | 7 |
| Size cm | 7x5x2 | 8x5.5x1.5 | 13x2.5x2 | 17x12x2 | 18.5x9.5x3 | 21x14.5x3.5 | 9.5x2x2 | 15.5x3x2 |
| Package | blister | box/blister | box | box | box | box | box | blister |

*Supplied with a set of labels with day in 6 languages (English, French, German, Italian, Portuguese, Spanish) and 1 white label for compartment for individual marking.

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# ☐ EASY LIFE: AIDS FOR DAILY LIVING

- **28920 CUTLERY SET**
- **28921 BENDABLE CUTLERY SET**

Set of 4 pieces (knife, fork, tea and table spoon). Made in stainless steel with thick, ribbed rubber handle (10 cm) for easy grip

- **28925 SPOON & FORK HOLDERS - pack of 2 pcs.**

These portable, stylish holders fit onto virtually any style spoon and fork providing a secure grip (spoon and fork are not included).

- **28966 DRINKING GLASS - box of 210**

Drinking glass made of polypropylene with a separated tap and a lip. Capacity 250 ml graduated by 25 ml. Autoclavable. Can be disinfected in washer. Not for microwaves

- **28901 PENCIL GRIP - pack of 2 pcs.**

Rubber grip for pens or pencils. Helpful aids for elderly or disabled people. These cushions are designed in both shape and density to alleviate stress while providing a secure grip.

- **28950 EASY OPENER**

This all in one product easily opens bottle caps, pull tabs, and even those impossible box tops! Designed to provide safety for the user.

**28951**

- **28951 JAR OPENER & CLOSER**

This uniquely designed product concentrates hand power to remove lids and turn facets effortlessly.

- **28945 SHOPPING BAG CARRIER**

This product provides an effort-free handle that remains constantly supportive, regardless of bag loads.

- **28906 MAGNIFYING GLASS**

Magnifies two times larger than original size. Large enough to do what's needed, yet small enough to be totally portable, fitting easily into purse or pocket.

*With cover*

- **28912 SOCK AID NOTCH**

Soft terry cloth on one side grips the sock, while smooth nylon on the other side reduces friction, allowing your foot to slip in easily. Two long loop handles are easy to hold and assist with pulling the sock onto your foot. Ideal for those who have the use of only one hand or with decreased strength or coordination.

**28911**

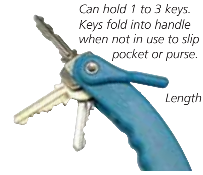
- **28911 ZIPPER AND BUTTON PULLER**

For those with weak or arthritic fingers, there's probably no more difficult task than fastening a button! This unique product eliminates the frustration by pulling the button or zipper into position. Folds to half-length to fit easily into pocket or purse.

- **28940 EASY KEY TURNER pack of 2 pcs**

These enlarged key turners are designed with the turning effort already begun, so completion of the turn is accomplished with minimal effort. Two different colours per package.

*Can hold 1 to 3 keys. Keys fold into handle when not in use to slip into pocket or purse.*



*Length 13 cm*

- **28941 MULTIPLE KEY TURNER**

Designed to assist person with limited wrist strength or movement. People with arthritis or other limited hand mobility can manipulate keys with ease. House keys and most car keys (without plastic head covers) fit into the slots and are held by a single screw.

- **28915 LONG BATH SPONGE**

Lightweight sponge feature soft polyfoam attached to a plastic handle. Available with contoured sponge.

- **28963 GRASPING TOOL - foldable**

Your extended reach grasping tool will help you to eliminate bending or climbing for those hard-to-reach items. Length: 80 cm, foldable in 2. Locking tab holds the item in place.

- **28960 GRASPING TOOL - 3 WAYS - 66 cm**

Aluminium body, PP handle. Three grasping ways: steel hook, magnetic tip, rubber head.

# ☐ SOAPED SPONGE, SOAPED AND NON SOAPED WASH GLOVE

36660

- **36660 SOAPED SPONGE - box of 500**

Disposable sponge in foam soaked with anallergenic, neutral PH soap. Ideal for patient cleaning and hygiene. Individually packed.
Size: 7.5x12xh 2.5 cm

36663

- **36663 SOAPED WASH GLOVE - box of 50**

Disposable mitten to wash patient. Made in non woven and sponge, soaked with liquid soap with neutral PH and anallergenic. Ideal for patient cleaning and hygiene.
Size: 15x25 cm

36661

- **36661 WASH GLOVE - box of 1,000**

Disposable wash glove to clean patients. Made in special airlaid, which allows to soap and rinse patient, and waterproof PE. Embossed surface allows a deep cleaning. Size: 16.5x22 cm. Made in Italy.

# ☐ SKIN SOAP

- **36671 FRAGRANCE SKIN SOAP - 1,000 ml**

Delicate skin protective. Fragrance soothing bath and shower with moisturizer active agents, respects the lipid mantle and it is delicate on skin leaving it fresh and pleasantly soft. It is used for daily hygiene as a normal liquid soap, suitable for personal hygiene, bath, shower and shampoo. Suitable for frequent washing and very sensitive skins too, it protects and soothes sensitive skin of children and elderly people. Fast to be rinsed leaves a fresh cleanness sensation. Sold in box of 12 pcs, only 2 pieces come with dispenser pump.

- **36690 DISPENSER PUMP**

# ☐ GERMELLA

- **36672 GERMELLA - 1,000 ml**

Germella is a skin-protecting liquid detergent combining the properties of three extraordinary medical plants: **Camomile, Sage and Aloe.** Camomile and Sage and have moisturizing and soothing qualities. Aloe Vera's main property is soothing Moreover Aloe makes your skin soft and velvety. Thanks to the Camomile, Sage and Aloe extracts, Germella is a delicate detergent, which respects the natural defence of skin and mucous membranes. Thanks to its natural ingredients Germella is also particularly suitable for daily intimate care. Sold in box of 12 pcs, only 2 pieces come with dispenser pump.

# ☐ BIBS WITH POCKET

36666

*Size: 38x28 cm + 10 cm (pocket)*

*Easy fastening on patient by laces*

*Extremely soft and comfortable*

*Large pocket*

- **36666 BIBS WITH POCKET - box of 600**

Disposable bibs made of 1 ply of highly absorbent wadding of cellulose and 1 ply of waterproof blue polyethylene.
Box of 600 (6 bags of 100). Made in Italy.

# ☐ HOT-COLD GEL

*Individually packed in single box*

34114

- **34114 HOT-COLD THERMO GEL**

Size: 14x28 cm - box of 30 pcs.
Special gel keeps temperature (hot or cold) for long time.

# ☐ HOT WATER BOTTLES

*Capacity 2,000 cc*

28600

28601

- **28600 HOT WATER BOTTLE - British standard - blue**

100% made of rubber, latex free.

- **28601 HOT WATER BOTTLE 2 l - red**

25% made of rubber, latex free. Both are two side ribbed. Packed in plastic bag with multilanguage user manual (GB, FR, IT, DE, ES, PT, GR).

# ☐ ICE BAGS

*Neck of bag: PP*

*Neck of bag: aluminium*

28605

28606

- **28605 ICE BAG - Ø 28 cm - large top cap O.D. 8.78 cm, I.D. 6 cm - light blue**

Made of polyester fabric + PVC, latex free. Single packed in carton box, with multilingual manual (GB, FR, IT, DE, ES, PT, GR).

- **28606 ICE BAG - Ø 28 cm - small top cap O.D. 7.15 cm, I.D. 4.7 cm - blue**

Made polyester fabric + PVC. Single packed in transparent bag with multilingual manual (GB, FR, IT, DE, ES, PT, GR)

# ☐ ELECTRIC HEATING PAD

- **28655 ELECTRIC HEATING PAD** Suitable for many applications.
- **28656 ELECTRIC "SAND" HEATING PAD**

The use of purified marine sands make it possible to naturally transmit their beneficial warmth.
Heating: position 1 up to 42°C in 30 min, position 2 up to 66°C (max 56°C first hour, up to 66°C following hours)
External cover in cotton (94%) and nylon, internal bag in PVC
Operating power: 230 V - 50/60 Hz - 75 W (28656) - 55 W (28655)

*Sold in 4 languages box (GB, FR, IT, ES)*

*Size: 38x30 cm*

# ☐ GRADUAL COMPRESSION, UNISEX, COTTON SOCKS

**UNISEX GRADUAL COMPRESSION COTTON SOCKS**
High quality knee socks made from soft cotton combined with elastic fibres to provide proper gradual compression.
Special attention was dedicated to the development of this cotton product line in order to ensure maximum fibre quality, along with an extremely soft elastic cuff that offers high levels of expandibility: all to ensure maximum comfort and wellness throughout the day.
This product line also offers two different compression levels (medium and strong) and is available in two colours (black and blue). On request, for quantities (minimum 100 socks) available also light and extra strong compression and beige and grey colours.

**Medium compression level: 14-16 mm/Hg at the ankle**
To help prevent discomfort and heaviness in the legs.
Composition: 67% cotton, 26% polyamide, 7% elastane.

**High compression level: 15-21 mm/Hg at the ankle**
To help prevent the onset of venous disease.
Composition: 63% cotton, 27% polyamide, 10% elastane.
It is a Medical Device. Made in Italy.

SANYLEG
SUPPORT COTTON LINE
IT CALZA ELASTICA UNISEX
IN COTONE A COMPRESSIONE GRADUATA
EN ELASTIC UNISEX STOCKING
IN COTTON WITH GRADUATED COMPRESSION

*Multilanguage box and instructions: GB, FR, IT, ES, PT, DE, GR, HU*

| GRADUAL COMPRESSION COTTON SOCKS | | | | | |
|---|---|---|---|---|---|
| **MEDIUM COMPRESSION SOCKS** | | | | | |
| Colour | Small | Medium | Large | X-Large | XX-Large |
| **Black** | **41220** | **41221** | **41222** | **41223** | **41224** |
| **Dark blue** | **41225** | **41226** | **41227** | **41228** | **41229** |
| **STRONG COMPRESSION SOCKS** | | | | | |
| **Black** | **41240** | **41241** | **41242** | **41243** | **41244** |
| **Dark blue** | **41245** | **41246** | **41247** | **41248** | **41249** |
| **Shoe size** | | | | | |
| **European** | 37 - 39 | 39 - 41 | 41 - 43 | 43 - 45 | 45 - 47 |
| **US - Men** | 5 - 6½ | 6½ - 8 | 8 - 9½ | 9½ - 11 | 11 - 12½ |
| **US - Women** | 6½ - 8 | 8 - 10 | 10 & over | - | - |

# ☐ SUPPORT SHEER LINE

Knee Socks, Stockings and Tights designed for dynamic women who need the preventive action of elastic compression but don't want to compromise on style.
This elegant product line features a true heel, an anti-shrink cuff and extremly soft fabrics.
This line offers two different compression levels (medium and strong) and is available in beige or black.

**Medium compression level: 70 den - 10-14 mm/Hg at the ankle**
Ideal for those who would like to initiate a prevention programme, but are mainly interested in the comfort and well-being offered by elastic compression stockings.
Composition: 84% polyamide, 16% elastane (Stay ups, Pantyhoses).
85% polyamide, 15% elastane (Knee-highs).

**Strong compression level: 140 den - 15-21 mm/Hg at the ankle**
Ideal for those suffering from the initial signs of ankle swelling and discomfort.
This level of compression is also highly indicated in case of initial onset of varicose veins. The product's compression level supports and massages the leg, thus providing effective relief throughout the day. While this product line boasts an extremely elegant design, particular attention has also been dedicated to maximum elasticity, which is ensured through the use of a honeycomb fabric (net fabric).
It is recommended to ask the advice of a physician prior to use.
Composition: 79% polyamide, 21% elastane.
These products are Medical Devices. Made in Italy.

*Multilanguage box and instructions: GB, FR, IT, ES, PT, DE, GR, HU*

*Knee-high with a gradual compression, comfort top, honeycomb mesh*

*Multilanguage box and instructions: GB, FR, IT, ES, PT, DE, GR, HU*

*Stay ups with gradual compression, silicone lace top, honeycomb mesh*

*Reinforced body*

*Multilanguage box and instructions: GB, FR, IT, ES, PT, DE, GR, HU*

*Pantyhose with gradual compression, reinforced body, honeycomb mesh*

| KNEE-HIGHS | | |
|---|---|---|
| **MEDIUM COMPRESSION** | | |
| Colour | Small/Medium | Large/X-Large |
| **Black** | **41100** | **41101** |
| **Beige** | **41102** | **41103** |
| **STRONG COMPRESSION** | | |
| **Black** | **41106** | **41107** |
| **Beige** | **41108** | **41109** |

| STAY UPS | | | | |
|---|---|---|---|---|
| **MEDIUM COMPRESSION** | | | | |
| Colour | Small | Medium | Large | X-Large |
| **Black** | **41120** | **41121** | **41122** | **41123** |
| **Beige** | **41124** | **41125** | **41126** | **41127** |
| **STRONG COMPRESSION** | | | | |
| **Black** | **41132** | **41133** | **41134** | **41135** |
| **Beige** | **41136** | **41137** | **41138** | **41139** |

| PANTYHOSES | | | | | |
|---|---|---|---|---|---|
| **MEDIUM COMPRESSION** | | | | | |
| Colour | Small | Medium | Large | X-Large | XX-Large |
| **Black** | **41150** | **41151** | **41152** | **41153** | **41154** |
| **Beige** | **41155** | **41156** | **41157** | **41158** | **41159** |
| **STRONG COMPRESSION** | | | | | |
| **Black** | **41165** | **41166** | **41167** | **41168** | **41169** |
| **Beige** | **41170** | **41171** | **41172** | **41173** | **41174** |

## ☐ ANTI-EMBOLISM ELASTIC STOCKINGS - MADE IN ITALY

A line of stockings dedicated to prophylaxis of thromboembolism before, during and after surgery.
Thanks to their descending graduated compression, these stockings represent an excellent means of preventing increased blood viscosity, which can lead to the formation of thrombus.
In order to guarantee a good fit and properly graduated compression, a great deal of attention has been dedicated to ensuring the high elasticity of the fabrics.

**Indications:**
- a valid aid in preventing thromboembolisms linked to surgical interventions.
- treatments associated with post-traumatic therapies.
- bruises, sprains and hydrostatic edemas

**Contraindications:**
- localized dermatitis, erythema, necrosis
- stripping, pulmonary edema, grafts
- vascular disorders of cardiac origin
- legs of larger circumference

**Features:**
- decreasing compression from the ankle to the thigh
- true anatomic heel
- extremely soft and elastic fabric, hypoallergenic (latex free)
- inspection opening on top of the foot

Composition: 82% polyamide, 18% elastane.
These products are Medical Devices.

Antiembolism below knee stocking with inspection hole

Multilanguage bag and instructions: GB, FR, IT, ES, PT, DE, GR, HU

| BELOW KNEE | | | | |
|---|---|---|---|---|
| COMPRESSION mm/Hg 18-20 (at the ankle) | | | | |
| Length | Small | Medium | Large | X-Large |
| 38-43 cm | **41310** | **41311** | **41312** | **41313** |

Antiembolism thigh length with inspection hole and silicone top

Multilanguage bag and instructions: GB, FR, IT, ES, PT, DE, GR, HU

| THIGH LENGTH | | | | |
|---|---|---|---|---|
| COMPRESSION mm/Hg 18-20 (at the ankle) | | | | |
| Length | Small | Medium | Large | X-Large |
| 60-70 cm | **41316** | **41317** | **41318** | **41319** |
| 70-80 cm | **41320** | **41321** | **41322** | **41323** |
| 80-90 cm | **41324** | **41325** | **41326** | **41327** |

Antiembolism full length stocking with inspection hole adjustable top, ambidextrous

Multilanguage bag and instructions: GB, FR, IT, ES, PT, DE, GR, HU

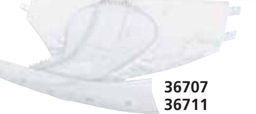
| FULL LENGTH | | | | |
|---|---|---|---|---|
| COMPRESSION mm/Hg 18-20 (at the ankle) | | | | |
| Length | Small | Medium | Large | X-Large |
| 70-80 cm | **41330** | **41331** | **41332** | **41333** |

## ☐ SOFFISOF INCONTINENCE PADS - MADE IN ITALY

Multilanguage package: GB, FR, IT, ES, DE, PT, Arabic

**36701 - 36705**

AIR BREATHING



**36707**
**36711**

AIR BREATHING

**36715 - 36716**

Suitable for autonomous people who live an active life; ideal also for patients during their recovery phase or during neuromotorial rehabilitation.

**SOFFISOF CLASSIC AND AIR DRY INCONTINENCE PADS**
Elasticated incontinence pads anatomically shaped, for moderate to high incontinence level. Air dry pads have breathable backsheet. These high absorption incontinence pads offer maximum comfort thanks to their special shape, especially designed to fit perfectly user's body. Lateral borders guarantee maximum security against any liquid leak and adhesive tapes make it easy to wear and use. Odour control thanks to combination of a last generation polymer and special kind of cellulose, 100% PEFC certified cellulose.
Moderate incontinence: box of 90 (6 boxes of 15)
Heavy incontinence: box of 60 (4 boxes of 15)

| Medium | Large | SOFFISOF CLASSIC |
|---|---|---|
| **36701** | **36702** | Moderate incontinence-day |
| **36704** | **36705** | Heavy incontinence-night |

| Medium | Large | SOFFISOF AIR DRY |
|---|---|---|
| **36707** | **36708** | Moderate incontinence-day |
| **36710** | **36711** | Heavy incontinence-night |

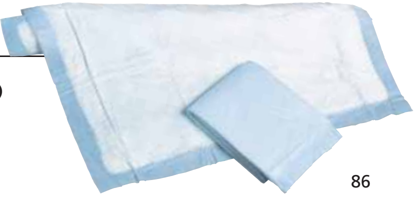
**SOFFISOF PANTS/PULL-UP - box of 84 (6 boxes of 14)**
Practical disposable absorbable pant wearable as normal underwear for moderate to high incontinence level. Made of soft breathable non woven fabric to guarantee maximum comfort. It fits suser's body to offer discreet and high protection against leakages.

| Medium | Large | SOFFISOF PANTS/PULL-UP |
|---|---|---|
| **36715** | **36716** | Moderate incontinence-day |

## ☐ SOFFISOF ABSORBENT BED PADS

- **36720 SOFFISOF ABSORBENT BED PAD - 60x90 cm - box of 90 (6 boxes of 15)**
- **36721 SOFFISOF ABSORBENT BED PAD - 80x180 cm - box of 90 (6 boxes of 15)**

Absorbent bed pads in 2 different sizes.
100% PEFC certified cellulose.
They assure high absorption and protection to bed.



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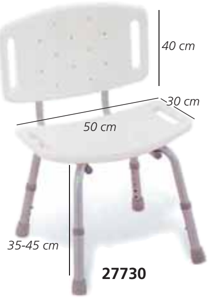
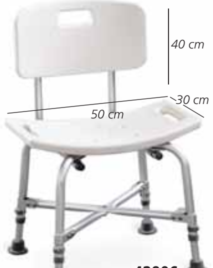
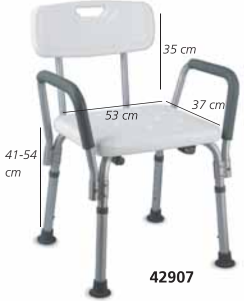
## ☐ BATH/SHOWER CHAIRS



**27730**



**42906**



**42907**

- **27730 SHOWER CHAIR with backrest**
Aluminium frame, seat and backrest in plastic material. Height adjustable (35-45 cm), non slip end. Load: 100 kg.
- **42906 REINFORCED SHOWER CHAIR with backrest**
Aluminium frame, seat and backrest in plastic material. Height adjustable (42-52 cm), non slip end. Load: 150 kg.
- **42907 SHOWER CHAIR with backrest and armrest**
Aluminium frame, seat and backrest in plastic material. Height adjustable (41-54 cm). Load: 100 kg.

## ☐ BATH STEPS

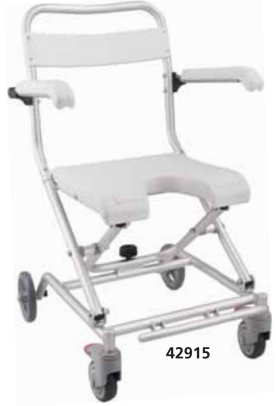
**42920**

**42921**

- **42920 BATH STEP - 1 step**
- **42921 BATH STEP - 2 steps**

Stainless steel frame and plastic steps. Size: 27x41xh 14 cm (42920). Size: 51x41xh14-29 cm (42921). Load: 100 kg

## ☐ SHOWER COMMODE WHEELCHAIR

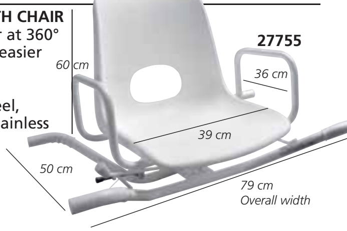


**42915**

- **42915 SHOWER COMMODE WHEELCHAIR**
Foldable shower commode wheelchair with aluminium frame and plastic seat.
Flip-up armrest and lockable front castors.
Size: 75x44x48 cm
Weight: 6 kg.
Load: 100 kg.

## ☐ BATH CHAIR

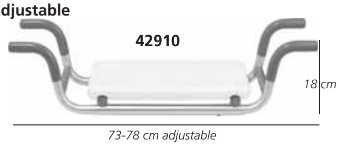
- **27755 SWIVEL BATH CHAIR**
Revolving bath chair at 360° with 4 positions for easier access to bath.
Polypropylene seat.
Frame in painted steel, rotation system in stainless steel.
Load: 100 kg.
Weight: 5.5 kg
Made in Italy.



**27755**

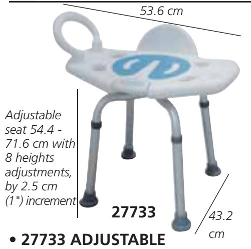
## ☐ BATH SEAT

- **42910 BATH SEAT - adjustable**
Aluminium frame and plastic seat (41x23 cm)
Load: 100 kg.



**42910**

## ☐ BATH/SHOWER STOOLS


53.6 cm
Adjustable seat 54.4 - 71.6 cm with 8 heights adjustments, by 2.5 cm (1") increment
43.2 cm

**27733**

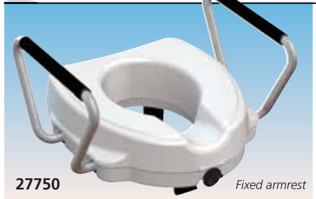
**42900**

**42901**

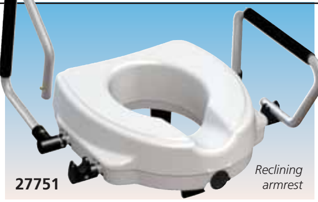
**42903**

- **27733 ADJUSTABLE SWIVEL STOOL WITH HANDLE**
  - easy tool-free installation
  - swivel seat with 90 degree position lock at every right angle location
  - non-slip central seat pad and soft under-covers
  - load 135 kg (300 lbs)
- **42900 SHOWER STOOL - fixed**
Shower stool with aluminium frame and plastic seat 50x30 cm. Height adjustable 35-45 cm. Non slip end. Load: 100 kg
- **42901 SHOWER STOOL - foldable**
Shower stool with aluminium frame and plastic seat 50x30 cm. Height adjustable 44-47.5 cm. Non slip end. Load: 100 kg
- **42903 SHOWER STOOL**
Shower stool with aluminium frame and plastic seat Ø 32.5 cm. Height adjustable 38-56 cm. Non slip end. Load: 100 kg.

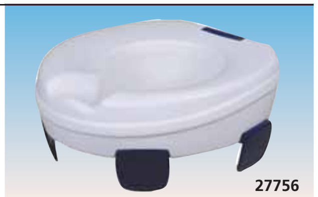
## ☐ RAISED TOILET SEATS - MADE IN EUROPE



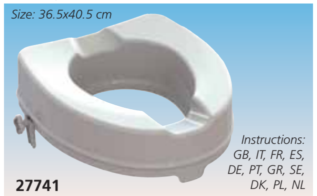
- **27750 RAISED TOILET SEAT height 12.5 cm** with fixing system (front screw) and fixed armrest made in anodized aluminium. Max load 130 kg (286.6 lb). Packing: 410x165x468 mm



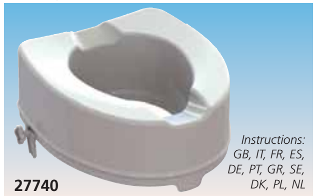
- **27751 RAISED TOILET SEAT height 12.5 cm** with fixing system (back and front screw) and anodized aluminium reclining armrest. Max load 130 kg (286.6 lb). Packing: 410x165x468 mm



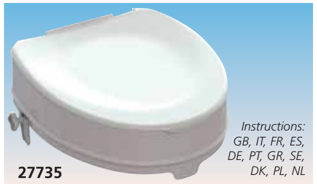
- **27756 CLIPPER RAISED TOILET SEAT - 11 cm** Easily adapt to any toilet bowl. Totally made of injected plastic. 4 fixation clips to secure strongly the seat on the toilet bowl. Max load 185 kg (407 lb).



- **27741 ARES RAISED TOILET SEAT - 10 cm** with lateral fixing system. Max load 225 kg (495 lb). Packing: 373x128x410 mm

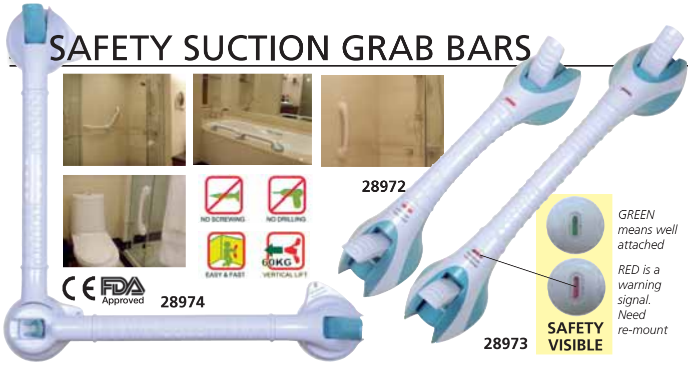


- **27740 ARES RAISED TOILET SEAT - 14 cm** with lateral fixing system. Max load 225 kg (495 lb). Packing: 373x165x410 mm



- **27735 ARES RAISED TOILET SEAT with LID - 10 cm**
- **27737 ARES RAISED TOILET SEAT with LID - 14 cm** with lateral fixing system. Max load 225 kg (495 lb). Packing: 373x128x410 mm (27735)
373x165x410 mm (27737)

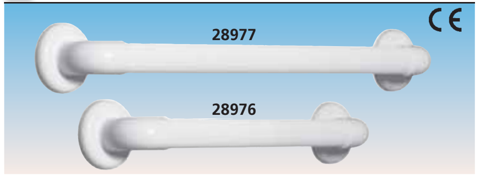
## SAFETY SUCTION GRAB BARS



- **28972 SAFETY GRAB BAR - 443 mm**
- **28973 SAFETY GRAB BAR - 545 mm**
- **28974 SAFETY DOUBLE GRAB BAR - 929 mm**

Innovative line of GRAB BAR, can be quickly installed everywhere without need of drilling and screwing. Patented suction cups (Ø 93 mm). Holds up to 60 kg (28972/3) or 85 kg (28974) vertical and 45 or 60 kg (28974) lateral weight (tested by SGS). Ideal solution to support elder people during daily bathroom use. Top quality product made of heavy duty ABS, with patented "green/red" suction indicator for better safety.

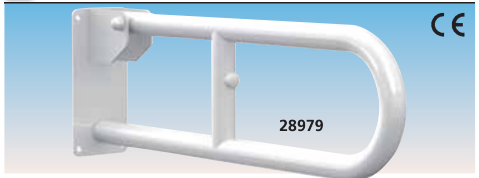
## ☐ PLASTIC RIBBED GRAB BAR



- **28975 PLASTIC RIBBED GRAB BAR - 30 cm**
- **28976 PLASTIC RIBBED GRAB BAR - 45 cm**
- **28977 PLASTIC RIBBED GRAB BAR - 60 cm**

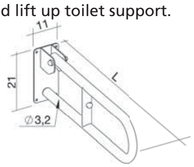
Ribbed plastic grab bar in Medical PVC, complete with ABS mounting plates and screw covers. Wall screws not included. Electrically isolated. The ribbed bars offer excellent anti-slip grid and are warm to the touch. Can be mounted either horizontally or vertically. Tube Ø 3.5 cm. Max user weight 120 kg (205 lb). Manual: GB, IT. Made in Italy.

## ☐ U-SHAPE STEEL GRAB BAR

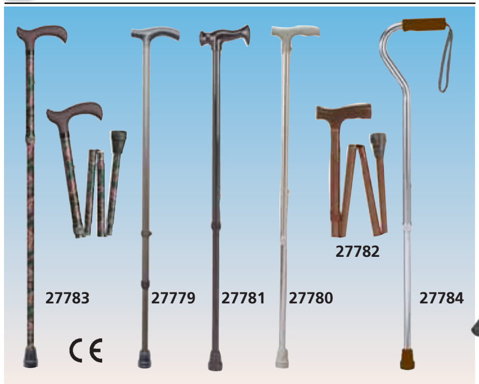


- **28979 U-SHAPE STAINLESS STEEL GRAB BAR - 70 cm**

White powder coated wall mounted lift up toilet support. Designed to help getting up or transferring to and from the toilet. It can be folded upwards for easy accessibility. Max user weight 125 kg (275 lb). Supplied without wall screws. Manual: GB, IT. Made in Italy.

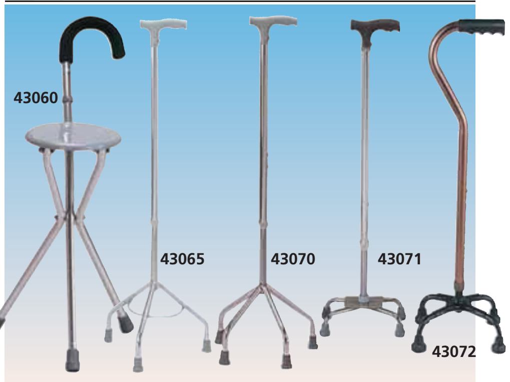


## ☐ WALKING STICKS



- **27779 "T" HANDLE ALUMINIUM WALKING STICK - bronze** Adjustable height: 72-94 cm - weight 0.4 kg - max load 120 kg
- **27780 "T" HANDLE ALUMINIUM WALKING STICK - silver** Adjustable height: 71-94 cm - weight 0.36 kg - max load 100 kg
- **27781 "T" HANDLE ALUMINIUM WALKING STICK - black** Adjustable height: 67-90 cm - weight 0.3 kg - max load 100 kg
- **27782 FOLDABLE ALUMINIUM WALKING STICK - coffee** Adjustable height: 80-90 cm - weight 0.37 kg - max load 100 kg
- **27783 FOLDABLE ALUMINIUM WALKING STICK - cashmere pattern** Adjustable height: 86-96 cm - weight 0.36 kg - max load 110 kg
- **27784 CURVED HANDLE ALUMINIUM WALKING STICK** Adjustable height: 77-100 cm - weight: 0.32 kg - max load 100 kg
- **27795 RUBBER TIP int. Ø 19 mm** - grey for 27780-2, 27793 - bag of 5
- **27796 RUBBER TIP int. Ø 15 mm** - grey for 27790, 43070 - bag of 5

## ☐ QUADRIPODS AND STICK WITH SEAT



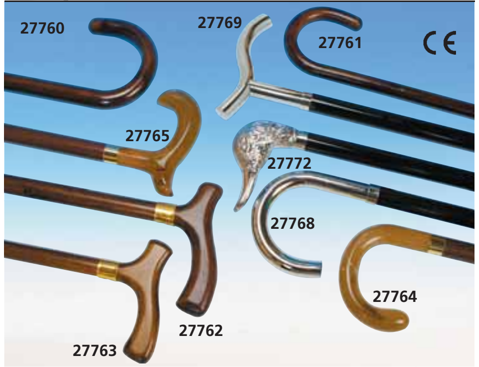
- **43060 STICK WITH SEAT - silver** Aluminium walking stick with seat, height 84 cm, weight 0.9 kg
- **43065 TRIPOD - silver** Adjustable height 74-97 cm, weight 0.8 kg
- **43070 QUADRIPOD Q1 with PU handle - aluminium - silver** Adjustable height 74-97 cm, weight 0.9 kg
- **43071 QUADRIPOD Q2 with small base and PU handle - silver** Adjustable height: 65-88 cm, weight 0.8 kg
- **43072 QUADRIPOD Q3 with PU handle - bronze** Adjustable height: 70-88 cm - weight 0.5 kg

Maximum load for tripod and quadripods: 100 kg

- **27796 RUBBER TIP int. Ø 15 mm** - grey for 43065, 43070/72 - bag of 5

Universal rubber tip
27797 27795 27796

## ☐ QUALITY STICKS MADE IN ITALY



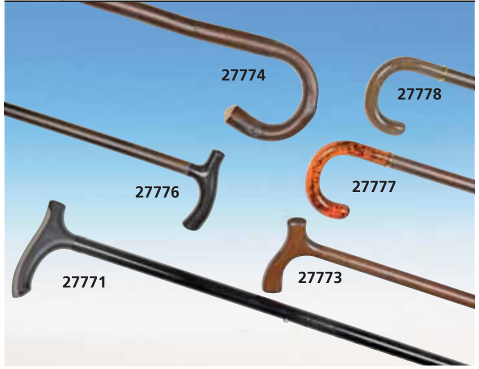
**BEECHWOOD STICKS:**

- **27760 GIOTTO CURVED HANDLE - man - brown**
- **27761 GIOTTO CURVED HANDLE - woman - brown**
- **27762 RAFFAELLO "T" HANDLE - man - brown**
- **27763 RAFFAELLO "T" HANDLE - woman - brown**
- **27764 TIZIANO CURVED HANDLE - unisex - brown**
- **27765 TIZIANO "T" HANDLE - unisex - brown**
- **27768 LEONARDO METAL CURVED HANDLE - unisex - black**
- **27769 LEONARDO METAL "T" HANDLE - unisex - black**
- **27772 TIEPOLO CHROMED "DUCK" HANDLE - unisex - black**

Max load for wooden sticks: 100 kg. Height: 92 cm*.

*Depending on rubber tip and handle can change from 90 to 94 cm

## ☐ QUALITY STICKS MADE IN FRANCE



**WOODEN STICKS**

- **27773 "T" HANDLE - wooden** - maximum load 120 kg
- **27774 CROOK - chestnut** - maximum load 100 kg

**SYNTHETIC STICKS**

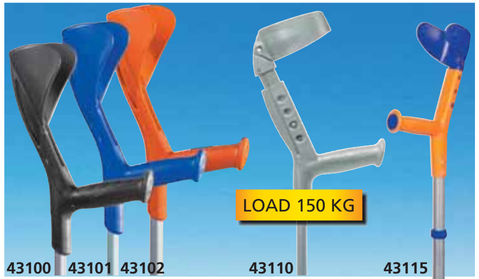
- **27776 "T" HANDLE - black** - load 120 kg
- **27777 CROOK - amber style** - load 100 kg
- **27778 CROOK - horn style** - load 100 kg

**ADVANCED WALKING STICK**

- **27771 "T" ADVANCE - grey**

Aluminium height adjustable cane 745-975 mm with comfortable gel-grip to reduce hand stress. Maximum load 110 kg

## ☐ ELBOW CRUTCHES MADE IN FRANCE



- **43100 EVOLUTION CRUTCHES - black/grey - pair**
- **43101 EVOLUTION CRUTCHES - blue/grey - pair**
- **43102 EVOLUTION CRUTCHES - orange/grey - pair**

Ergonomic handle and brachial support to enhance safety and quality of arm support while moving around.

- **43110 PROGRESS 2 CRUTCHES - light grey/grey - pair**

For tall and heavy-weight adults, the handle adjusts from 22 to 29 cm. This crutch is suitable for adults whose height is comprised between 160 and 215 cm.

- **43115 TIKI CRUTCHES - blue/orange - pair**

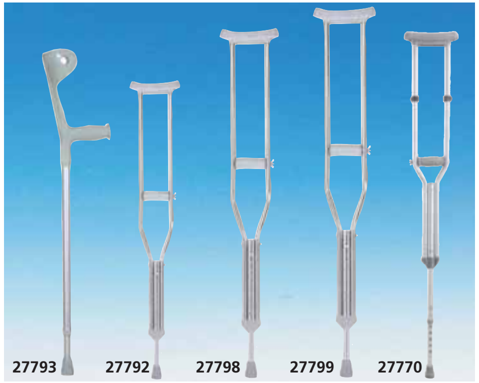
For children or teenagers. The handle adjusts from 17.5 to 20 cm.

- **43120 RUBBER PVC TIP inside Ø 19 mm - grey - bag of 10**

**TECHNICAL SPECIFICATIONS**

| Model | **EVOLUTION** | **PROGRESS 2** | **TIKI** |
|---|---|---|---|
| Weight kg: | 0.5 | 0.5 | 0.5 |
| Height handle to floor cm: | 76-100 | 76-100 | 52-74 |
| Material of handle: | Polypropylene | | |
| Diameter upper/down pipe mm: | 22/19 | 22/19 | 22/19 |
| Number of adjustment of height: | 10 times adjustable every 20 mm | | |
| Finishing/material: | grey anodization/aluminium | | |
| Certified and tested for kg: | 130 | 150 | 100 |
| Standard used for testing: | EN ISO 11199-1 | | |
| Adjustable handgrip: | - | 4 times | 3 times |
| Handgrip size: Ø x l x h mm | 35x100x235 | 35x100x220/290 | 32x100x175/200 |

## ☐ T-BAR AND ELBOW CRUTCHES



- **27793 FOREARM CRUTCH**

Lightweight aluminium tube. Anatomic handgrip. Height adjustable 96-119 cm. Weight 0.55 kg. Max load 100 kg

- **27792 T-BAR CRUTCH - small**

Stainless steel type. Adjustable height: 95-115 cm. Max load 100 kg

- **27798 T-BAR CRUTCH - medium**

Stainless steel type. Adjustable height: 112-132 cm. Max load 100 kg

- **27799 T-BAR CRUTCH - large**

Stainless steel type. Adjustable height: 119-139 cm. Max load 100 kg

- **27770 T-BAR CRUTCH - extra adjustability**

Aluminium crutch with adjustable height 100-130 cm. Max load 100 kg

- **27797 RUBBER TIP int. Ø 22 mm grey for 27792/8/9 - bag of 5**

## ☐ SKID-PROOF STICKS WITH LIGHT

- **43044 TRUSTY CANE - silver**
- **43045 TRUSTY CANE - black**

Sturdy, folding cane with built-in lights and extra wide pivoting head with 3 firm and skid-proof bases. Height adjustable 85-97 cm. Large base with Ø 9 cm. Shaft in aluminium (thickness 1.2 mm) Handle in ABS (15 cm). Weight 420 g. Need 3x1.5 V AAA batteries not included.

- **43048 FOOT PADS - kit of 3 - spare**

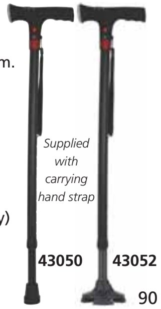
3 built-in LED lights, 1 forward and 2 down to light your way
4 joints folding design
3 firm and skid-proof foot pads

## ☐ STICKS WITH LIGHT AND ALARM

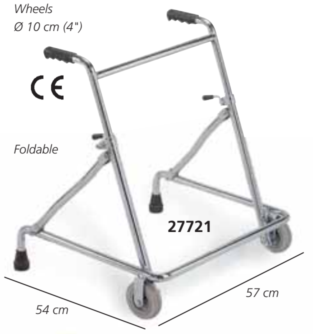
- **43050 SAFETY LIGHT STICK - black**
- **43052 SAFETY LIGHT STICK - skid proof base - black**

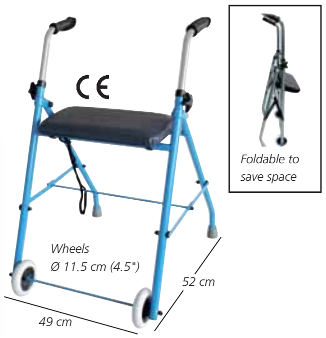
Innovative sticks with safety light and alarm.
- front ultra-bright white 4 LED light up to 15 lumen, with adjustable positions
- ultra-bright red LED warning flash with 2 LED, up to 5 lumen
- ABS hand grip and aluminium frame
- 100 dB warning siren
- adjustable height: 10 positions from 78 to 100.5 cm
- extra wide 360° pivoting base (43052 only)
- stands on its own (43052 only)

Works with 2 AAA batteries, not included. Maximum load: 110 kg



## ☐ ROLLATORS





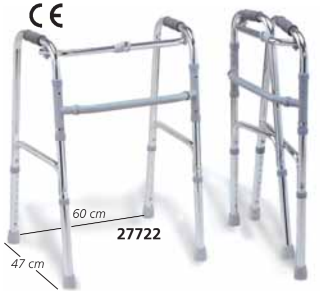
- **27721 ROLLATOR**

Size 54x57 cm with adjustable height 52-87 cm. Weight: 8 kg - Load: 100 kg.

- **43132 ROLLATOR WITH SEAT**

Blue painted steel adjustable height 79-93 cm frame with padded seat. Size: 52x49 cm. Weight 6.4 kg - Load: 100 kg.

## ☐ WALKING FRAME

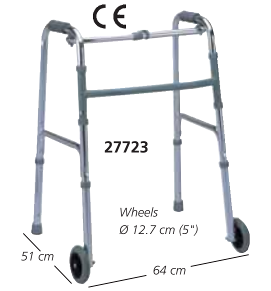


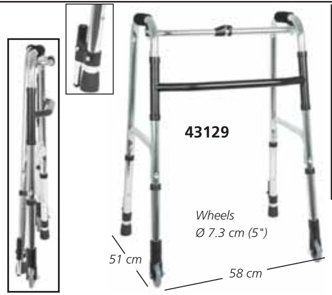
- **27722 WALKING FRAME**

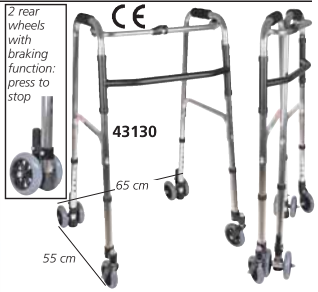
Made of lightweight aluminium tubing, non-slip end and padded handgrips. Size 47x60 cm foldable with adjustable height 78-96 cm. Weight: 2.4 kg - Load: 100 kg.

- **27794 RUBBER TIP Ø 28 mm - grey for 27722-3 - bag of 5 pcs.**

## ☐ WALKING FRAMES WITH WHEELS







- **27723 WALKING FRAME - 2 WHEELS**

Made of lightweight aluminium tubing, with padded hand grips, 2 non-slip ends and 2 with wheels. Size 51x64 cm, foldable with adjustable height 79-97 cm. Weight: 3 kg - Load: 100 kg.

- **27794 RUBBER TIP Ø 28 mm - grey for 27722-3 - bag of 5 pcs.**

- **43129 WALKING FRAME - 2 INTERNAL WHEELS**

Made of lightweight aluminium tubing with padded hand grips, 2 non-slip ends and 2 with wheels. Foldable. Size 51x58 cm Adjustable height 80-90 cm. Weight: 2.5 kg - Load: 100 kg.

- **43130 WALKING FRAME - 4 WHEELS**

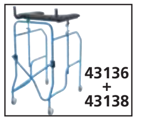
Made of lightweight aluminium tubing, 2 front swivel wheels, 2 rear wheels with stop, with foam grips. Size 55x65 cm foldable with adjustable height 83-93 cm. Weight: 3.5 kg - Load: 100 kg.

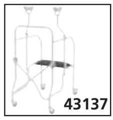
## ☐ FOLDING SHOULDER WALKER

- **43136 FOLDING SHOULDER WALKER - adjustable height**

Blue painted steel, foldable shoulder walker with chromed and padded, height adjustable shoulder support. Supplied with 4 castors, 2 of them with brake. Optional padded seat and brachial support. Made in Italy.

- **43137 PADDED SEAT**
- **43138 BRACHIAL SUPPORT**





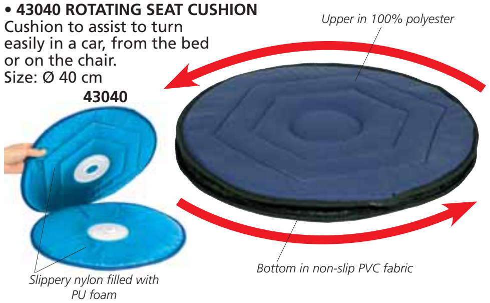
Seat height: 50 cm

## ☐ ROTATING SEAT CUSHION

- **43040 ROTATING SEAT CUSHION**

Cushion to assist to turn easily in a car, from the bed or on the chair. Size: Ø 40 cm

**43040**


Upper in 100% polyester
Slippery nylon filled with PU foam
Bottom in non-slip PVC fabric

## ☐ ROLLATORS

- **43140 3 WHEELS ROLLATOR - blue**
Blue painted steel, adjustable height frame. With 3 solid castors (2 fixed rear with brake and 1 swivel front).
Supplied with shopping basket and tray.
Weight: 7.7 kg - Load: 100 kg.

- **43142 IDEAL ROLLATOR - blue**
Blue painted steel, adjustable height foldable frame. With 4 solid castors (2 fixed rear and 2 swivel front). Ergonomic and adjustable handle and hand brakes. Supplied with padded seat, shopping basket and tray.
Weight: 12.5 kg - Load: 100 kg.
Carton size: 590x290x680 mm

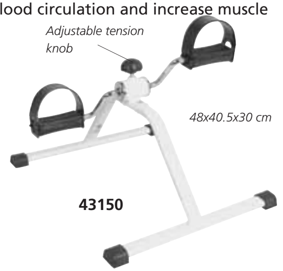
- **27724 COMFORT ROLLATOR WITH SEAT - foldable**
With seat, large front basket and brakes on wheels. Size 68x61 cm.
Adjustable height 78-90 cm.
Seat at 46 cm. Seat size: 32x35x4 cm.
Weight 7.4 kg - Load: 100 kg.

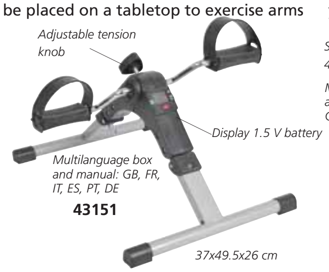
- **43143 SILVER ROLLATOR WITH SEAT - foldable**
With seat, large front basket and brakes on rear wheels.
Size 68x61 cm.
Adjustable height 78-90 cm.
Weight 7.4 kg - Load: 100 kg.

- **43145 LEISURE ROLLATOR - foldable**
Powder coated aluminium frame, grey colour. Comfortable cotton belt backrest and nylon seat. Height adjustable handles from 84 cm to 95 cm. Up-down bidirectional brake. Solid tires Ø 20 cm (8"). Provided with nylon shopping bag.
Weight: 8.2 kg - Load: 100 kg.

## ☐ PEDAL EXERCISERS

These pedal exercisers are compact exercise bikes. The regular use stimulate blood circulation and increase muscle strength: it is a great way to enjoy a moderate cardiovascular workout. Can be placed on a tabletop to exercise arms or on the floor to enjoy a bicycle-type exercise from your chair.



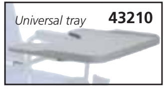


- **43150 BASIC PEDAL EXERCISER**
Supplied disassembled with screw and key for easy assembling.
Multilanguage box and manual: GB, FR, IT, ES, PT, DE, PL, GR

- **43151 DISPLAY PEDAL EXERCISER**
Folding type to save space when not in use. Provided with 5 function display: exercise time, rotation count, rotations per minute, calories burned and scan.

- **43152 ELECTRIC PEDAL EXERCISER**
Display indicator: scan,
mode, calories, time, Reps, total Reps.
Power 220 V - 50 Hz - 65 W.

## ☐ ELITE COMMODE WHEELCHAIRS - MADE IN ITALY



- **43201 ELITE 110 COMMODE - 42 cm**
- chromed steel frame
- blue, washable, flame retardant leatherette
- plastic pan
- 4 pivoting wheels Ø 8 cm (2 with brake)
- adjustable height footrest
- can be placed over WC

- **43203 ELITE 200 COMMODE - 43 cm**
- **43204 ELITE 200 COMMODE - 53 cm**
- chromed steel frame
- blue, washable, flame retardant leatherette
- plastic pan
- 4 wheels Ø 20 cm (2 with brake)
- adjustable length and raising footrest
- removable armrest
- reclining backrest

- **43199 ELITE 50 CHAIR**
- **43210 UNIVERSAL TRAY**
- **43212 WHEEL Ø 20 cm - front - spare**
- **43213 WHEEL Ø 20 cm - rear - spare**
- **43216 BELT**
- **43217 BELT with strap**

Sturdy and washable polypropylene belts. Quick mounting.

**TECHNICAL SPECIFICATIONS**

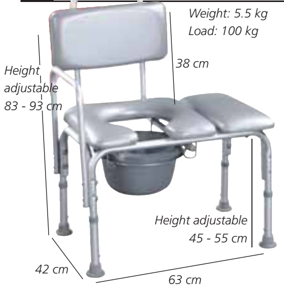
| | ELITE 50 | ELITE 110 | ELITE 200 |
|---|---|---|---|
| Size (cm): | 52x60xh 70/78 | 52x80xh 100 | 54x88xh 105 |
| Seat height | 46/54 cm | 50 cm | 53 cm |
| Seat width | 42 cm | 42 cm | 43 or 53 cm |
| Weight | 20 kg | 20 kg | 21 kg |
| Load | 90 kg | 90 kg | 100 kg |

## ☐ COMMODE CHAIRS

- **27701 COMMODE CHAIR - chromed steel**
Chromed steel chair frame, with plastic detachable commode seat.
- **27702 COMMODE WHEELCHAIR - painted**
Powder coated steel frame, detachable armrest and footrest, solid rear castors with lock, plastic commode seat.
- **27703 COMMODE WHEELCHAIR - stainless steel**
Stainless steel chair frame, detachable armrest and footrest, rear castors with lock, plastic commode seat.
- **27699 FOOTREST for 27702 - pair**
- **27700 FOOTREST for 27703 - pair**
- **27766 PLASTIC WC BOWL - spare - Ø 26xh 15 cm**

| GIMA code | | | | | | | | | | (Kg) | DIM | NW GW |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 27702/3 | 55 | 44 | 12.5 | 12.5 | 51 | 88 | 90 | 44 | 42 | 100 | 54x53x53 | 17 18 |
| | | | | | | | | | | (Kg) | (cm) | G.W. (kg) |
| 27701 | 56 | 44 | | | 47 | 94 | | 43 | 38 | 100 | 50x19x75 | 8.5 |

## ☐ WC - SHOWER COMMODE



- **27758 BATH BENCH with backrest**
Aluminium frame and padded seat. Removable plastic bowl WC.
- **27766 PLASTIC WC BOWL - spare**

- **27759 WC - SHOWER COMMODE**
Suitable also as raised toilet seat
Adjustable height 45-55 cm
(back 78-88 cm)
- **27766 PLASTIC WC BOWL - spare**

## ☐ COMFORT COMMODE CHAIR

*The generously padded and removable seat offers this chair the best comfort and high level of hygiene.*
*Pan is removable from both sides and from the top.*

- **43190 COMFORT COMMODE CHAIR - blue**
- **43191 COMFORT COMMODE CHAIR - height adjustable - blue**

Made in France.

MAX LOAD 130 kg

**TECHNICAL SPECIFICATIONS**

Total height: 86 or 86/97 cm
Width between armrests: 51.5 cm
Total width: 60.5 cm
Height armrest-floor: 72 or 72/83 cm
Height seat-floor: 52 or 52/63 cm
Height seat-backrest: 38 cm
Seat plate depth: 39 cm
Total depth: 58 cm

# ☐ LIGHTWEIGHT ALUMINIUM FOLDING WHEELCHAIRS

PAEDIATRIC

27708

LIGHT - ONLY 9.5 KG

43250

LIGHT - ONLY 12 KG

43251

**• 27708 PAEDIATRIC WHEELCHAIR - 35 cm seat - black tissue**
- single cross bar
- padded flip-up armrest
- fixed footrest, flip-up foot plate with leg strap
- 15 cm (6") solid front castors
- 56 cm (22") pneumatic rear wheels
- locking brakes on rear wheels
- folding back
- large pocket on the back

**• 43250 QUEEN ALUMINIUM WHEELCHAIR - 46 cm seat - light blue tissue**
- double cross bar
- extra light aluminium frame only 9.5 kg
- fixed armrest, cloth pad
- fixed flip-up footrest with leg strap
- 15 cm (6") front solid castors
- 30 cm (12") pneumatic rear wheels
- folding back
- locking brakes on rear wheels

**• 43251 PRINCE ALUMINIUM WHEELCHAIR - 46 cm seat - black tissue**
- double cross bar
- fixed armrest, PU pad
- flip-up footrest with leg strap
- locking brakes for rear wheels
- 51 cm (20") PU rear wheels
- 15 cm (6") solid front castors
- folding back
- pocket on the back

43240

27720

DELUXE

27717

**• 43240 CLASSIC ALUMINIUM WHEELCHAIR - 46 cm seat - black tissue**
- single cross bar
- padded flip-up armrest
- detachable footrest, flip-up plastic plate with leg strap
- 20 cm (8") solid front castors
- 61 cm (24") solid rear wheels with quick release axles
- folding back
- anti tipper system with 2 small wheels

**• 27720 KING ALUMINIUM WHEELCHAIR - 46 cm seat - black tissue**
- double cross bar
- flip-up and height - adjustable armrest, PU pad
- detachable footrest, flip-up plate with leg strap
- 61 cm (24") pneumatic rear wheels with quick release axles
- 15 cm (6") solid front castors
- anti tipper system with 2 small wheels and 2 carrying wheels

**• 27717 DELUXE WHEELCHAIR - 46 cm seat - black tissue**
- double cross bar
- flip-up height adjustable armrest, PU pad
- detachable footrest, flip-up plate with leg strap
- 61 cm (24") solid PU rear wheels
- 15 cm (6") solid front castors
- locking brakes on rear wheels
- anti tipper system with 2 small wheels

| Wheel chair | SPARE - ACCESSORIES | | | | | | | | | | | | | | (Kg) | DIM | NW | GW |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Rear wheel | Front wheel | Foot-rest pair | IV stand | | | | | | | | | | | | | | |
| 27708 | 27742 | - | 27710 | 27705 | 52 | 32 | 35 | 56 | 15 | 48 | 90 | 97 | 36 | 40 | 75 | 85x33x73 | 13 | 15 |
| 43250 | 43252 | 43253 | 43254 | - | 60 | - | 46 | 30 | 15 | 48 | 90 | 100 | | | 100 | 71x28x72 | 9.5 | 11 |
| 43251 | 43248 | 27789 | 43249 | 27705 | 63 | - | 46 | 51 | 15 | 48 | 91 | - | - | - | 100 | 84x31x74 | 11.8 | 13.5 |
| 43240 | 43244 | 43243 | 43242 | | 68 | 30 | 46 | 61 | 20 | 50 | 96 | 106 | 42 | 46 | 120 | 81x30x80 | 15 | 17.5 |
| 27720 | 27787 | 27791 | 27728 | 27705 | 63 | - | 46 | 61 | 15 | 50 | 89 | - | - | - | 100 | 83x28x91 | 17.2 | 19.4 |
| 27717 | 27748 | 27791 | 27714 | 27705 | 67 | 36 | 46 | 61 | 15 | 51 | 91 | 105 | 40 | 45 | 100 | 80x33x93 | 17 | 19 |

# ☐ FOLDING STEEL WHEELCHAIRS

ECONOMIC

43220

43225

MAX WIDTH 51 cm

FOLDED WIDTH 30 cm

43230

**• 43220 VALUE WHEELCHAIR - 46 cm seat - nylon black tissue**
- double cross bar
- fixed armrest, PVC pad
- fixed footrest, flip-up plate, with leg strap
- 20 cm (8") solid front wheels
- 61 cm (24") solid rear wheels
- locking brakes on rear wheels
- pocket on the back

**• 43225 TRANSIT WHEELCHAIR - 46 cm seat - black tissue**
- double cross bar
- fixed armrest, PVC pad
- fixed footrest, flip-up plate, with leg strap
- 15 cm (6") solid front wheels
- 30 cm (12") pneumatic rear wheels
- locking brakes on rear wheels
- handles brakes for rear wheels
- folding back
- pocket on the back

43225

**• 43230 NARROW WHEELCHAIR - 41 cm seat - black tissue**
- single cross bar
- fixed armrest, PU pad
- detachable footrest, flip-up plate, with leg strap
- 20 cm (8") solid front wheels
- 52 cm (20") pneumatic rear wheels
- locking brakes on rear wheels
- adjustable distance from foot plate to front seat 46-56 cm
- pocket on the back

27709

COMFORTABLE

27715

EXTRA LARGE - 56 cm

27716

**• 27709 STANDARD WHEELCHAIR - 46 cm seat - blue tissue**
- single cross bar
- chromed frame
- fixed armrest, PVC pad
- fixed footrest, flip-up plate with leg strap
- 20 cm (8") solid front castors
- 61 cm (24") solid rear wheels
- locking brakes on rear wheels
- large pocket on the back

**• 27715 ROYAL WHEELCHAIR - 46 cm seat - black tissue**
- double cross bar
- chromed steel frame
- flip-up armrest, PU pad
- detachable footrest, flip-up plate with leg strap
- 61 cm (24") pneumatic rear wheels with quick relase system
- 15 cm (6") solid front castors
- locking brakes on rear wheels
- folding back
- large pocket on the back

**• 27716 EXTRA LARGE WHEELCHAIR - 56 cm seat - black tissue**
- double cross bar
- powder coated steel frame
- super width 56 cm seat
- flip-up armrest, PU pad
- detachable footrest, flip-up plate with leg strap
- 20 cm (8") rubber foam front castors
- 61 cm (24") pneumatic rear wheels
- large pocket on the back

| Wheel chair | SPARE - ACCESSORIES | | | | | | | | | | | | | | | | (Kg) | DIM | NW | GW |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Rear wheel | Front wheel | Foot-rest pair | IV stand | Table* | PVC** backrest | | | | | | | | | | | | | | |
| 43220 | 43221 | 43222 | 43223 | - | - | - | 59 | | 46 | 59 | 20 | 47 | 91 | | | | 100 | 95x27x93 | 15 | 17 |
| 43225 | 43226 | 43227 | 43228 | - | - | - | 63 | | 46 | 53 | 15 | 49 | 91 | | | | 100 | 76x30x76 | 14 | 16.3 |
| 43230 | 43231 | 43232 | 43233 | - | - | - | 51 | 30 | 41 | | | 56 | 98.5 | 100 | 45 | 38 | 100 | 77x31x100 | 15.8 | |
| 27709 | 27744 | 27788 | 27711 | 27705 | 27706 | - | 64 | 24 | 46 | 58 | 20 | 49 | 87 | 106 | 40 | 45 | 100 | 94x23x89 | 17 | 19.2 |
| 27715 | 27746 | 27789 | 27712 | 27705 | - | 27707 | 64 | 28 | 46 | 61 | 15 | 51 | 94 | 106 | 40 | 45 | 100 | 80x28x78 | 15.8 | 18.6 |
| 27716 | 27747 | - | 27713 | 27705 | 27706 | - | 73 | 32 | 56 | 62 | 20 | 54 | 93 | 109 | 45 | 46 | 125 | 83x33x93 | 21.5 | 24.1 |

** Fire retardant PVC backrest and seat

* Size of table: 32x55 cm

# ☐ FOLDING WHEELCHAIRS

*Double cross braces (only for codes 43262, 43272 and 43275)*

- **43260 ESSEX WHEELCHAIR - 43 cm - black tissue**
- **43261 ESSEX WHEELCHAIR - 46 cm - black tissue**
- **43262 ESSEX WHEELCHAIR - 51 cm - black tissue**

- blue powder coated steel frame
- rear solid PU wheels Ø 30.5 cm (12")
- front solid PU wheels Ø 20 cm (8")
- locking brakes on rear wheels
- front powder steel fork
- detachable aluminium footrests with 6 height adjustable clips, flip-up plate, heel straps
- black nylon seat and back
- manual: GB, FR, IT, ES

- **43263 ALUMINIUM FOOTPLATE - pair - spare**

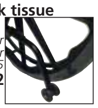
*Quick release system*

- **43270 OXFORD WHEELCHAIR - 43 cm - black tissue**
- **43271 OXFORD WHEELCHAIR - 46 cm - black tissue**
- **43272 OXFORD WHEELCHAIR - 51 cm - black tissue**

- blue powder coated steel frame
- pneumatic rear wheels Ø 61 cm (24") with chromed steel handrim and **quick release axles**
- front solid PU wheels Ø 20 cm (8")
- manual: GB, FR, IT, ES
- locking brakes on rear wheels
- front powder steel fork
- padded flip-up armrests
- detachable footrests, flip-up plate, with leg straps
- black nylon seat and back

- **43274 OXFORD PLUS WHEELCHAIR - 46 cm - black tissue**
- **43275 OXFORD PLUS WHEELCHAIR - 51 cm - black tissue**

Same as above, but with **solid PU rear wheels** Ø 61 cm (24") and **anti tipper system**.


*Anti tipper system for 43274-5*

- **43276 PLASTIC FOOTPLATE - pair - spare**
- **43277 PNEUMATIC REAR WHEEL - spare for 43270-2**
- **43278 SOLID PU REAR WHEEL - spare for 43274-5**

| Wheelchair | | | | | | | | | | | (Kg) | DIM | NW | GW |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **43260** | 58 | 24 | 43 | 30.5 | 20 | 50 | 92 | 94 | 40 | 41 | 120 | 70x23x95 | 16 | 18 |
| **43261** | 61 | 24 | 46 | 30.5 | 20 | 50 | 92 | 94 | 40 | 41 | 120 | 70x23x95 | 16 | 18 |
| **43262** | 66 | 24 | 51 | 30.5 | 20 | 50 | 92 | 94 | 40 | 41 | 120 | 70x23x95 | 16 | 18 |
| **43270** | 60 | 26 | 43 | 61 | 20 | 50 | 92 | 102 | 40 | 41 | 120 | 82x26x85 | 18 | 20 |
| **43271, 43274** | 63 | 26 | 46 | 61 | 20 | 50 | 92 | 102 | 40 | 41 | 120 | 82x26x85 | 18 | 20 |
| **43272, 43275** | 68 | 26 | 51 | 61 | 20 | 50 | 92 | 102 | 40 | 41 | 120 | 82x26x85 | 18 | 20 |

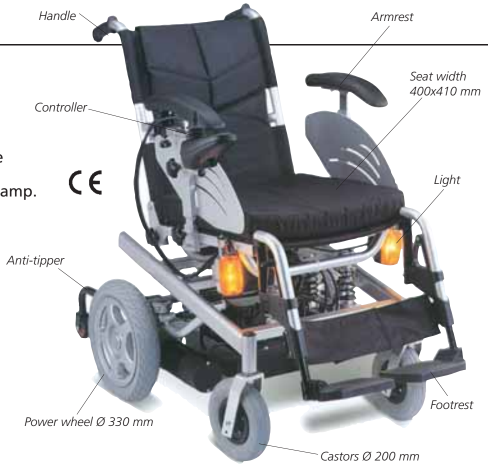
# ☐ POWERED WHEELCHAIR

- **27729 POWERED WHEELCHAIR - 41 cm seat**

Powered wheelchair, easy to use, for daily indoor use.
The user can move the powered wheelchair forwards, backwards or turn round in the same place only by the controller. When the power is not enough, it can be used as a transit wheelchair. The seat cushion is detachable.
Powder coated steel frame, adjustable armrest pad, detachable sideboards, detachable strong footrests, adjustable backrest inclination, rubber foam castors and drive wheels, with safety lamp.
Size: 1,090x630x970 mm, weight: 64 kg (including batteries).
Load: 110 kg. Speed: 0-6 km/h.
Power: 2x12 V=24 V (20 km distance with fully charged batteries)
Battery charger 100-240 V, 50/60 Hz included.

- **27725 SLA BATTERY pack of 2 - SPARE**

*Pivoting up to: 12°*



# ☐ ANTI-DECUBITUS AIR MATTRESSES WITH PUMP - STAGE I AND II

**BUBBLE MATTRESS**

Designed for the treatment and prevention of pressure sore stage I in short-term and domiciliary therapies.
The PVC mattress is composed of 130 7 cm-high bubble cells, particularly comfortable. Fixable to bed by extra flaps on both top and bottom side. Cold-resistant -30 degrees.

**PUMP SYSTEM**

Special silent pump for an excellent pressure regulation by a knob on the front panel. It can be hung to any kind of hospital bed frame by means of two adjustable hooks. For use with bubble or alternating cell mattresses.

**28565**

**TECHNICAL SPECIFICATIONS - PUMP**

| | 28565 | 28568 |
|---|---|---|
| Size: | 25x12xh 10 cm | |
| Operating voltage: | 220 V, 50 Hz | |
| Working pressure: | 40-100 mmHg | 40-110 mmHg |
| Air output: | 6-7 liter/min | 6-7 liter/min |
| Cycle time: | 6 min | 12 min |
| Plastic casing: | Taiwan chimei ABS | |
| | TUV-CE IEC/EN60601-1; 60601-1-2 | |

MODERATE CARE
STAGE I, II
28567
Cells are fixed by means of pressure stud and can easily be replaced in case of breakage

**INTERCHANGEABLE CELL-MATTRESS**

Recommended for the prevention and treatment of pressure sore stage I and II in medium-term and domiciliary therapies.
The 20 9.5 cm-high Nylon+PVC cells provide superior comfort.

| GIMA code | MATTRESSES AND PUMP |
|---|---|
| **28564** | Bubble mattress |
| **28565** | Pump for 28564 |
| **28566** | Kit bubble mattress+pump (28564+28565) |
| **28567** | Interchangeable cell mattress |
| **28568** | Pump for 28567 |
| **28569** | Kit cell mattress+pump (28567+28568) |
| **28570** | Spare cell for 28567 |

*Manual and box in 10 languages: GB, FR, IT, ES, DE, PT, PL, HU, GR, Arabic*

**TECHNICAL SPECIFICATIONS - MATTRESS**

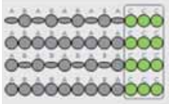
| | 28564 | 28567 |
|---|---|---|
| Total size: | 200x90x7 cm | 200x86x9.5 cm |
| Cell height: | 7 cm (2.7") | 9.5 cm (4") |
| Material: | PVC | Nylon+PVC |
| Thickness: | 0.32 mm | 0.32 mm |
| Number of cells: | 130 | 20+1 spare |
| Suitable for persons up to: | 135 kg | 140 kg |

# ☐ THERAPEUTIC ANTI-DECUBITUS MATTRESSES - STAGE III AND IV

- **28575 KIT 5010 ALTERNATING PRESSURE MATTRESS + PUMP**

Valuable overlay system designed for prevention and treatment of patients at moderate to intesive risk of pressure ulcers. Pressure is periodically redistributed by inflating and deflating cells in order to mimic natural sleep movement patterns and avoid long term pressurization of tissue. Manual in: GB, IT.

- **28576 CELL for 28575 - spare**


*Alternating function of 28578*

***ALTERNATING FUNCTION***

*Alternating function (Group A and Group B as shown in the picture). The pump will inflate and deflate the cell with cyclicity, to change the contact position between the patient and the bed, to promote the blood circulation to prevent the bedsore and recovery the bedsore, reducing the patient's pain and the nursing labor intensity.*
*Pillow function (28578 only). The cell of the head position won't be alternating, for more comfort to the patient.*

**TECHNICAL SPECIFICATIONS - PUMPS (28575 and 28578)**

| | | | |
|---|---|---|---|
| Size: | 30x13.5xh 11 cm | Cell height: | 12.5 cm (5") |
| Operating voltage: | 220 V, 50 Hz | Working pressure: | 55-120 mmHg |
| Cycle time: | 12 min | Air output: | 7-8 liter/min |
| Case material: | Flame retardant ABS | | |
| | TUV-CE IEC/EN60601-1; 60601-1-2 | | |

**PUMP 28578 only**

Static Mode, low pressure alarm, quick connector, transfer function

- **28578 KIT 8050 ALTERNATING PRESSURE MATTRESS + PUMP**

Advanced systems of alternating pressure mattress.
The multi-mode pump offers.
- **alternating mode:** the pressure is periodically redistributed by inflating and deflating cells in order to mimic natural sleep movement patterns and avoid long term pressurization of tissue.
- **constant static mode:** the pressure is about 2/3 lowered when compared to the same pressure level from alternating mode by means of immersion and envelopment. Visual alarms notify the caregiver unusual situation, reducing the risk of human error. Suitable for the prevention and treatment of all stages of pressure ulcers. Manual in: GB, IT.

- **28579 CELL for 28578 - spare**

**TECHNICAL SPECIFICATIONS - MATTRESS**

| | 28575 | 28578 |
|---|---|---|
| Total size: | 200x90x12.8 cm | 200x90x22 cm |
| Alternating | 1 in 2 (group A and B) | |
| Cell height: | 12.8 cm (5") | 22 cm (8.66") |
| Cover material: | Nylon PU with button | Nylon+PU with cotton lining |
| Thickness: | 0.4 mm | 0.3 mm |
| Cells material: | nylon PVC | TPU |
| Suitable for persons up to: | 150 kg | 180 kg |

# ☐ ANTI-DECUBITUS AIR MATTRESSES - MADE IN ITALY

- **28483 KIT MASTER (AIR MATTRESS 28492 + MASTER PUMP 28482)**
- **28492 AIR MATTRESS WITH BUBBLES**

Air mattress with bubble sections which inflate and deflate alternatively latitudinally through the alternative compressor. The continual movement given by the pressure pumped inside is useful to prevent minor bedsore problems.

**TECHNICAL SPECIFICATIONS MATTRESS - 28492**

Total size: 190x85 cm
Inflatable size: 160x85 cm
Weight: 3 kg
PVC thickness: 0.4 mm
Suitable for persons up to: 90 kg

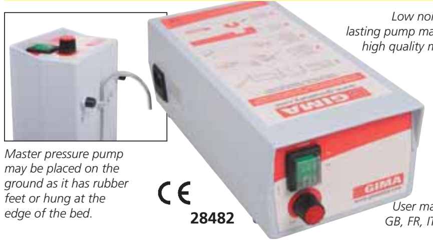
- **28482 MASTER PUMP SYSTEM - with pressure adjustment**

Made of stiff and strong ABS with control handle for easy pressure regulation. Air amount is adjustable to suit patient weight from 40 to 90 kg (28492) or 120 kg (28495).
The mattress should inflate totally in about 20 minutes.
Air output 2.5 l/min. Master pump can be used with bubble or interchangeable section mattress. Flame retardant PVC.

- **28481 MEMBRANE - spare for pump 28482/3**

**TECHNICAL SPECIFICATIONS FOR MASTER PUMP - RINT PLUS PUMP**

Size: 315x150x120 mm
Weight: 1.95 Kg
Operating voltage: 230 V - 50 Hz
on request 110 V - 60 Hz
Power Consumption: 8 W
Working pressure: 30-120 mm/Hg
Regulations: IEC-601-1 class II Type B
CLASS II



*Low noise, long lasting pump made with high quality materials*

*Master pressure pump may be placed on the ground as it has rubber feet or hung at the edge of the bed.*

CE

*User manual in: GB, FR, IT, ES, DE*

- **28495 RINT PLUS AIR MATTRESS - interchangeable cells**

Rint Plus Mattress is made of a strong and soft PVC, realized with 17 big interchangeable bars. The integrated CPR function (Cardio Pulmonary Reanimation) allows the immediate emptying of the 17 bars. Supplied with bi-elastic, liquid proof and permeable to water-steam cover.

- **28496 INTERCHANGEABLE CELL - spare for 28495**
- **28497 COVER - spare for 28495**

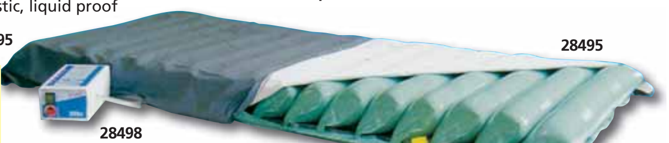
**TECHNICAL SPECIFICATIONS MATTRESS - 28495**

| | |
|---|---|
| Total size: | 195x85x10.5 cm |
| Inflatable size: | 170x90 cm |
| Weight: | 5.5 kg |
| PVC thickness: | 0.4 mm |
| Number of elements: | 17 |
| Suitable for persons up to: | 120 kg |

- **28498 RINT PLUS PUMP SYSTEM - with pressure adjustment**

Same as Master pump (28482) but with special valve for use with Rint Plus Mattress.

- **28481 MEMBRANE - spare for 28498**



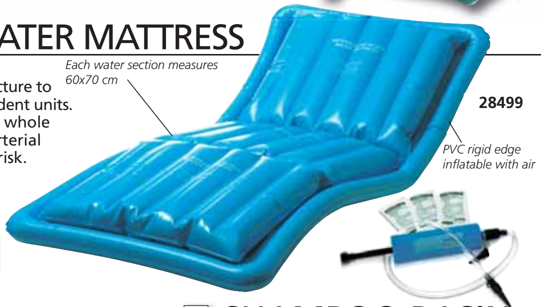
*Thanks to height of cells, Rint Plus can be used also with medium risk patients.*

# ☐ ANTI-DECUBITUS PVC WATER MATTRESS

- **28499 WATER MATTRESS**

It is made in PVC with a stabilising inflatable external structure to prevent excessive water "wave motion" and of 3 independent units. The water mattress distributes the total pressure on the whole supporting surface, making this less than the average arterial pressure, avoiding the exposure of the skin to pressure risk. Easy to use, it is placed over the usual mattress and it is washable. It is sold with a manual pump, 2 disinfectants and an inflation tube.
Size: 190x85 cm.
Weight 4 kg.
PVC thickness 0.4 mm

MADE IN ITALY



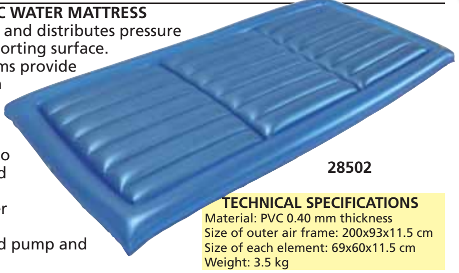
*Each water section measures 60x70 cm*

*PVC rigid edge inflatable with air*

# ☐ PVC WATER MATTRESS

- **28502 VALUE PVC WATER MATTRESS**

It helps movement and distributes pressure on the whole supporting surface.
Double sealed seams provide maximum strength and durability.
Highly resistant PVC material construction easy to clean with any mild detergent.
Air frame + 3 water elements.
Supplied with hand pump and hose.



**TECHNICAL SPECIFICATIONS**

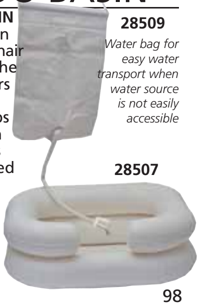
Material: PVC 0.40 mm thickness
Size of outer air frame: 200x93x11.5 cm
Size of each element: 69x60x11.5 cm
Weight: 3.5 kg

# ☐ SHAMPOO BASIN

- **28507 SHAMPOO BASIN**

Inflatable shampoo basin ideal for personal in-bed hair care needs. It supports the head, neck and shoulders during shampooing.
A 20 cm deep basin helps prevent splashing. Drain hose efficiently removes water and foam. Supplied with water bag with shower head in clip.
Size: 53x61x20 cm
Capacity: 10 l

- **28509 WATER BAG - spare**



*Water bag for easy water transport when water source is not easily accessible*

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# ☐ ANTI-DECUBITUS CUSHIONS - MADE IN FRANCE

PREVENTION FOR LOW TO MEDIUM DECUBITUS RISK

GIMA line of seat cushions is designed to prevent decubitus risk for patients on wheelchair or permanently on chairs.
All cushions in Gel or Foam are supplied with a waterproof PU cover with zipper and handle.

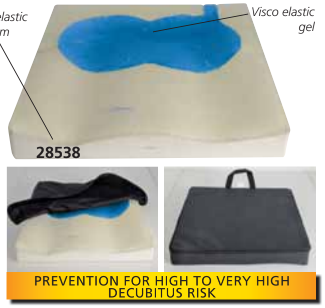
- **28530 BULGEL CUSHION 41x41x3 cm**
- **28531 BULGEL CUSHION 43x43x3 cm**

This anti-decubitus cushion is made of a flame-resistant pocket including a PE foam core covered by an aqueous gel.

PREVENTION FOR HIGH DECUBITUS RISK

- **28534 VISCO-MOUSS CUSHION 41x41x6 cm**
- **28535 VISCO-MOUSS CUSHION 43x43x6 cm**

Pre-shaped moulded cushion made of viscoelastic foam with memory effect. Memory foam is pressure sensitive and moulds quickly to the shape of a body pressing against it, returning to its original shape once the pressure is removed. Anatomical shape with raised lateral edges and front-back slope improves positioning, stability and comfort when seated.
Foam density: 86 kg/m³



PREVENTION FOR HIGH TO VERY HIGH DECUBITUS RISK

- **28538 GEL AIR 2D CUSHION 41x41x7.5 cm**
- **28539 GEL AIR 2D CUSHION 43x43x7.5 cm**

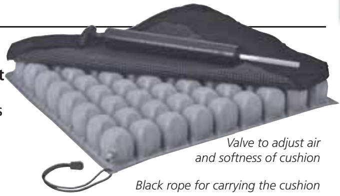
Made of a contoured moulded viscoelastic foam base (i.e. Visco Mouss) connected to a polyurethane gel insert. The viscoelastic fluid gel (blue pad) ensures maximum pressure relief of vulnerable bony areas while the regular gel and the foam increase the contact surface and maximize pressure relief. The cushion's shape ensures a good posture while seating and prevents from sliding forward. Foam density: 86 kg/m³

# ☐ AIR CUSHIONS

- **28544 GIMA AIR CUSHION - 40x40x6 cm**
- **28546 GIMA AIR CUSHION - 45x45x6 cm with polyester cover, pump and repair kit**

- single compartment
- air cells, 64 or 81, prevent pressure sores
- maximizes pressure distribution and blood flow
- conforms to the body's shape
- adjust to body changes over time.

Max load: 150 kg
Multilanguage manual: GB, FR, IT, ES, PT, GR, PL, DE



*Valve to adjust air and softness of cushion*

*Black rope for carrying the cushion*

PREVENTION FOR HIGH TO VERY HIGH DECUBITUS RISK

# ☐ HEEL PROTECTOR

- **28548 HEEL PROTECTOR - 50x22x16 cm**

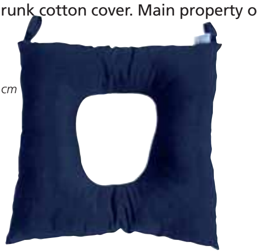
It relieves the heel pressure and prevents decubitus ulcer by increasing the contact surface. The visco elastic foam has an anatomical shape including a bactericide and fungicide agent to provide better hygiene and disinfection.

*Made in France*

*Density: 90 kg/m³*

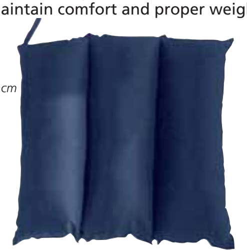
# ☐ ANTI-DECUBITUS CUSHIONS AND NECK PILLOWS - MADE IN ITALY

Products to prevent low decubitus risk, made of silicone fibre, coated with 100% preshrunk cotton cover. Main property of silicone fibre is to maintain original shape also after strong pressure. This allows to maintain comfort and proper weight distribution in the time. Breathable cotton cover provides maximum cool comfort. Washable at 30-40°C.



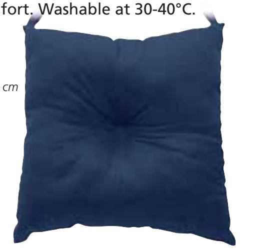
*Size: 45x45 cm*

- **28550 SHAPED CUSHION WITH HOLE**



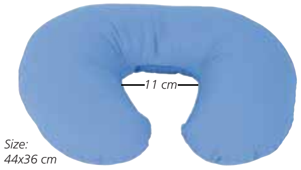
*Size: 45x45 cm*

- **28551 3-SECTION CUSHION**



*Size: 45x45 cm*

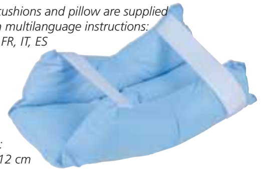
- **28552 CUSHION WITH CONCAVE CENTRE**



*Size: 44x36 cm*

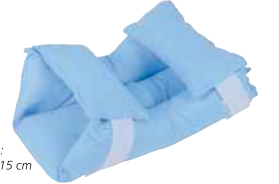
- **28555 TRAVEL NECK PILLOW**

*All cushions and pillow are supplied with multilanguage instructions: GB, FR, IT, ES*



*Size: 32x12 cm*

- **28556 HEEL CUSHION**

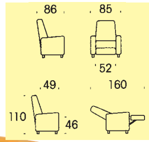


*Size: 32x15 cm*

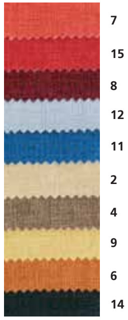
- **28557 HEEL CUSHION PLUS**

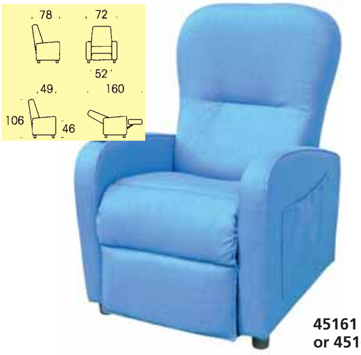
## RELAXING ARMCHAIR WITH 1 OR 2 ENGINES - MADE IN ITALY

45150
or 45155



10 COLOURS AVAILABLE





45161
or 45166

**RELAXING ARMCHAIRS**
Relaxing multifunctional armchair adaptable to any need.
2 models (Beatrice and Betty), 1 or 2 engines and 10 colours.
Fabric 100% polyester. Load 120 kg.
**One engine:** two button control for synchronized movement of leg section and back.
**Two engines:** four button control for independent movement of leg section and back.
Lift motor 230 V - 50 Hz.

**1 engine + lifting up** | **2 engines + lifting up**

| 1 engine | 2 engine | BEATRICE ARMCHAIRS |
|---|---|---|
| 45150 | 45155 | Beatrice - colour on request** |
| 45151 | 45156 | Beatrice - beige 2 |

| 1 engine | 2 engine | BEATRICE ARMCHAIRS |
|---|---|---|
| 45160 | 45165 | Betty - colour on request** |
| 45161 | 45166 | Betty - blue 11 |

**Product available in 15-20 days

## INVALID RINGS

28614

28611

Quality invalid rings made of latex-free rubber. Internal hole Ø 14 cm.

| GIMA code | INVALID RUBBER RINGS LATEX - FREE |
|---|---|
| 28610 | Invalid ring Ø 35 cm |
| 28611 | Invalid ring Ø 40 cm |
| 28612 | Invalid ring Ø 45 cm |
| 28614 | Pump for invalid ring |

## BED-TRAYS - FOLDING LEGS

Bed-trays with anti-scratch surface and containing edge. Folding legs. Size: 60x40x24 cm. Made in Italy.
- **44750 BED TRAY - white**
- **44753 SERVOPLUS BED TRAY - 3 position - walnut**

44750
Weight: 2.75 kg

44753
Weight: 3.2 kg
Bed tray/bookrest tilting in 3 positions.

## DINING TABLE

Size: 110x42x93 cm
27449

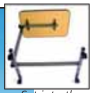
- **27449 DINING TABLE**

Patient dining table with polished aluminium tubular structure.
White laminated wooden top, easy to clean, with anti-shock rubber PVC band.
It is mounted on two rubber feet and two plastic wheels Ø 40 mm to allow movability and comfortable use.
Delivered in kit form. Made in Italy.

## OVERBED TABLES

Adjustable height: 76 to 113 cm
27458
Size: 70x44xh 76/113 cm

Adjustable height: 72 to 110 cm


Set into the panel

Lock and adjustable panel

Adjustable height

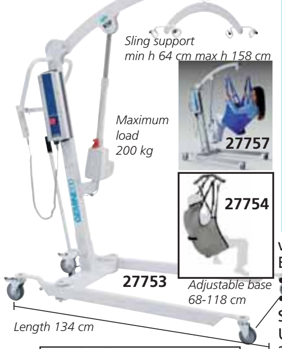
- **27458 OVERBED TABLE - moulded shelf**

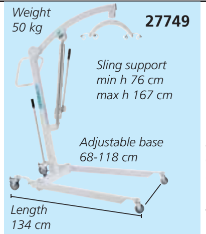
Chrome plated/epoxy glass finish square steel tube.
Tiltable and sliding serving tray made of thermoformed anti-shock plastic material with retaining edges and pre-formed bottle, glass and cutlery holder. Base with 4 Ø 50 mm castors (2 with brake).
Delivered in kit form. Made in Italy.

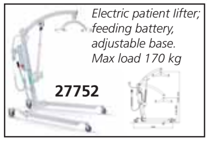
- **27448 OVERBED TABLE**

Overbed table with steel frame and high density board.
Base with 4 Ø 50 mm (2.5”) removable castors (2 with brake).
Adjustable height and angle.
Board size: 41x61 cm.
Carton size: 65x7x67 cm.
Delivered in kit form.

## HYDRAULIC AND ELECTRICAL LIFTERS






Electric patient lifter; feeding battery, adjustable base. Max load 170 kg
27752

- **27749 HYDRAULIC LIFTER - max load 200 kg**

Lifting movement through a hydraulic pump operated by adjustable side control lever. Descent movement by independent exhaust-valve. Adjustable base 68 to 118 cm controlled by a manual device for an easy access to narrow places. Painted steel frame. Anti trauma push-handle. 2 rear castors Ø 100 mm, with independent brake and 2 front castors Ø 70 mm. Equipped with sling with head support (27754). Made in Italy.
- **27752 ELECTRICAL LIFTER 170 - max load 170 kg**
- **27753 ELECTRICAL LIFTER 200 - max load 200 kg**

Same as code 27749 but with electrical controls.
Up and down movements through an electric motor 24V D.C. and push button. Battery fed with current transformer with an emergency push-button for the immediate stop of the movement and free up/down piston-stroke. Supplied with universal sling (27752) or sling with head support (27753).
- **27757 UNIVERSAL SLING - spare - load 170 kg**
- **27754 SLING with head support - spare - load 250 kg**

Mesh fabric sling.

## LIFTING STAND

27645

- **27645 LIFTING STAND**

Tubular painted steel frame with adjustable chromed steel joint. Can be fully disassembled to reduce size. Three main height adjustments. Triangle hangs from belt with adjustable length.

## SHOWER MATTRESS

- **27836 SHOWER MATTRESS**

It allows bed-ridden, elderly or disabled patients to be washed and cared for in their personal hygiene with running water directly on their bed, without any need for transfer/lift.
Inside the "Shower Mattress", the patient can be showered with water coming from the tap via an extension hose or using the special pressurized water tank provided with flexible hose and shower head.
Once finished, the water is drained into a suitable container. Complete with plug and flexible hose for quick water drain.
- **27837 WATER TANK - 10 l**

Pressurized water tank complete with flexible hose 4 m and shower head operated by button.
- **27838 SHOWER EXTENSION HOSE**

Flexible, 6 m hose complete with button-operated shower head and tap adapter.

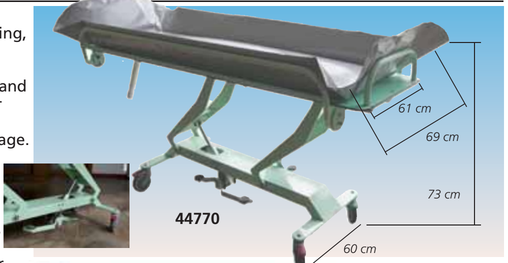
27837
27836
27838

## SHOWER TROLLEY - HYDRAULIC OR ELECTRIC HEIGHT ADJUSTMENT

- **44770 SHOWER TROLLEY - hydraulic**

Shower stretcher can be used for both transport and showering, and is the ideal solution for treatment of patients in assisted baths of hospitalization or retirement home.
Easy to move thanks to rubber castors with individual brake and one with directional lock to facilitate transport in long linear path.
Automatic progressive tilting to allow a gradual water drainage.
Safety side rails with one-hand folding/locking system.
Supplied with PCM foam padded waterproof matress made with fire-resistant auto-extinguishing Class 2 PVC, trapezoidal pillow, same specifications as mattress, and extendable and flexible drain hose (Ø 40 mm - length 1.5 m).
- **44771 SHOWER TROLLEY - electric**

Same as 44770 but with electric lifting system (Linak actuator, 6,000N, DC 24 V, 4.5 A).
IP x 5 control box with emergency stop.



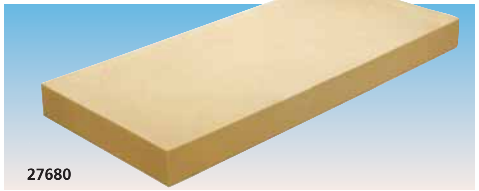
44770

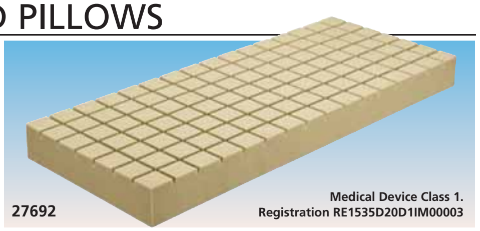
**TECHNICAL SPECIFICATIONS**

| | | | |
|---|---|---|---|
| Max working load: | 190 kg | Directional system: | yes |
| Weight: | 93 kg | Collapsible head end rail: | yes |
| Size: | 2,000 x 746 x h 753/1,108 mm | Mattress height: | 20 cm |
| Castor diameter: | 12.5 cm | Tilt for water discharge: | 7° |
| Castor braking system: | Individual on each castor | Discharge hose length: | 150 cm |

44771

# MATTRESSES, COVERS AND PILLOWS


27680


27692

Medical Device Class 1.
Registration RE1535D20D1IM00003

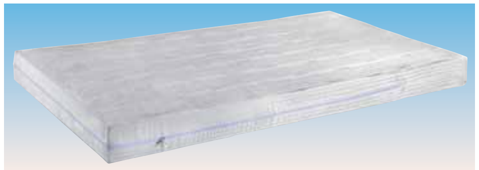
- **27690 MATTRESS 190x80x12 cm**
- **27680 MATTRESS 195x85x14 cm**

Polyurethane foam mattresses, density 30 kg/mc

- **27693 100% COTTON COVER FOR MATTRESS 27690**

- **27692 DAMA MATTRESS 195x85x14 cm**

Expanded polyurethane mattress, density 30 kg/mc. Fire proof and latex free. Antibacterial, hypoallergenic and antifungal. Autoclavable at 135 °C.



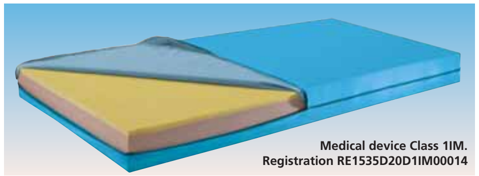
- **27682 MATTRESS WITH COVER 195x85x14 cm**

Polyurethane foam mattress, density 30 kg/mc with flame retardant, 100% breathable polyester cover. Class 1

Medical Device Class 1IM.
Registration RE1535D20D1IM00008

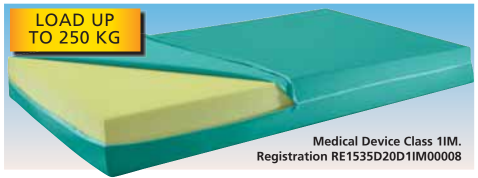
- **44804 HNF MATTRESS WITH COVER 195x85x14 cm**

Polyurethane foam mattress, density 35 kg/mc. Non deformable, antibacterial, antifungal and autoclavable at 135°C. Supplied with TEKMA polyurethane cover with zip fastener.


Medical device Class 1IM.
Registration RE1535D20D1IM00014

- **44806 AMYLIFE MATTRESS WITH COVER 195x85x14 cm**

Mattress with polyurethane foam base and viscoelastic high density top. Density 35 kg/mc (base), 60 kg/mc (top). Non deformable, antibacterial, antifungal and autoclavable. Supplied with TEKMA polyurethane cover with zip fastener.



Medical Device Class 1IM.
Registration RE1535D20D1IM00008

- **44803 MATTRESS WITH COVER 195x85x18 cm**

Polyurethane foam mattress, density 35 kg/mc. Non deformable, antibacterial, antifungal and autoclavable at 135°C. Supplied with TEKMA polyurethane cover with zip fastener.

Class 1IM.
Registration
RE1535D20D1IM00001

- **27696 PILLOW 45x75x10 cm**

Polyurethane foam, transpirant, pillow, density 21 kg/mc with polyester, fire retardant, cover. Washable at 95°C, autoclavable.

Class 1IM.
Registration
VA735D1IM00014

- **44812 SWEET DREAM PILLOW 50x80x18 cm**

Polyester padding and polyester cover washable at 40°C. Fire retardant.

Class 1

- **27681 POLYESTER COVER 195x85x14 cm - white**

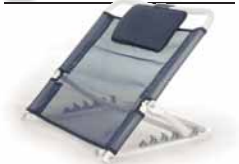
Transpirant polyester fireproof cover for mattresses (27680, 27682, 27692)

Class 1

- **27695 TEKMA POLYURETHANE COVER - 195x85x18 cm - white**

Soft, fire retardant,transpirant and waterproof cover. Universal (up to h14 cm) with elastic. Washable. Autoclavable at 134°C.

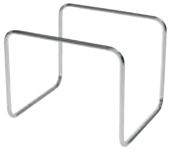
# BACKREST



- **44825 BACKREST - blue**

Painted steel tubular frame. Adjustable in 5 positions .

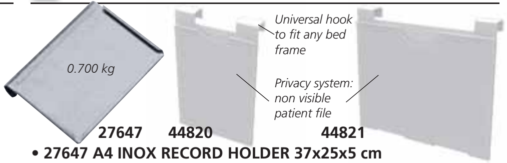
# COVER LIFTER



- **27642 COVER LIFTER**

Chromed steel tubular frame. Can be disassembled.

# A4 AND A3 RECORD HOLDERS


0.700 kg
Universal hook to fit any bed frame
Privacy system: non visible patient file
27647
44820
44821

- **27647 A4 INOX RECORD HOLDER 37x25x5 cm**

With transparent plexiglass. Suitable for sheets 34x23 cm.

- **44820 A4 PVC WHITE RECORD HOLDER 24x32 cm**
- **44821 A3 PVC WHITE RECORD HOLDER 43x32 cm**

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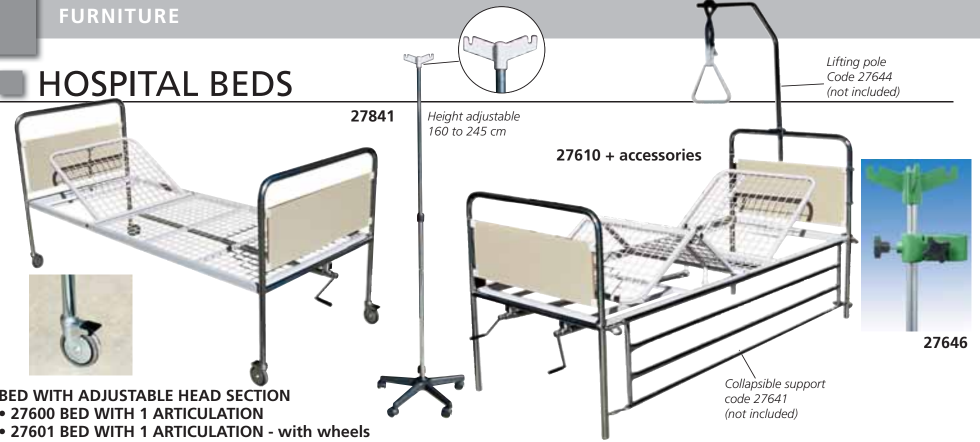
# HOSPITAL BEDS


27841
Height adjustable 160 to 245 cm
27610 + accessories
Lifting pole Code 27644 (not included)
27646
Collapsible support code 27641 (not included)

**BED WITH ADJUSTABLE HEAD SECTION**

- **27600 BED WITH 1 ARTICULATION**
- **27601 BED WITH 1 ARTICULATION - with wheels**

Painted steel frame with net.
1 Pipe frame with net for head movement, 200x85 cm.
2 Heads in chromed pipe complete with MDF bilaminated coated panel. Movement by a crank. Protection of end run.
Rubber wheels of Ø 100 mm, with brakes (only for code 27601)
Size: 206x89xh 90 cm. Height of frame from bottom 52/55 cm.
Size of frame: 200x85 cm. Weight 32 kg.
Made in Italy

| GIMA code | ACCESSORIES FOR ALL BEDS |
|---|---|
| 27641 | Collapsible supports (for all types of bed) |
| 27644 | Lifting pole |
| 27646 | 4 Hook IV stand for bed - stainless steel |

**BED WITH ADJUSTABLE HEAD AND FOOT SECTION**

- **27610 BED WITH 3 ARTICULATIONS**
- **27611 BED WITH 3 ARTICULATIONS - with wheels**

Painted steel frame with net.
3 bed frames with nets in painted steel pipe, 200x85 cm.
2 Heads in chromed pipe complete with MDF bilaminated coated panel. Movement by 2 cranks. Protection of end run.
Rubber wheels of Ø 100 mm, two of which with brake (only 27611)
Size 206x89xh 90 cm. Height of frame from bottom 52/55 cm.
Size of frame: 200x85 cm.
Weight 42 kg. Made in Italy

- **27605 STANDARD BED - no castors**
- **27606 STANDARD BED - Ø 50 mm castors**

Simple bed made of epoxy - coated steel. Head and foot ends with plastic feet. Rigid mesh mattress platform.

- **27607 STANDARD PLUS BED - no castors**
- **27608 STANDARD PLUS BED - Ø 100 mm castors**

Chrome-plated steel bed ends. Laminated plastic panels. Rigid mesh mattress platform. Adjustable back-rest
Size: 206x89xh 90 cm. Made in Italy.

- **27841 I.V. STAND - 5 wheels trolley**

# BEDSIDE TABLES - MADE IN ITALY

27665
*Size: 42x40xh 83 cm*

27669
*Size: 42x40xh 83 cm*

**BEDSIDE TABLES**
Epoxy powder coated steel sheet tube or body.
Thermoformed ABS top and drawer.
Laminated plastic drawer face and door (27665 and 27666 only) 10 mm thick.
Bedside table with door has inner removable shelf and is available in left (L) or right (R) version.

- **27669 BEDSIDE TABLE WITH DRAWER**
- **27665 BEDSIDE TABLE WITH DRAWER AND LEFT DOOR**
- **27666 BEDSIDE TABLE WITH DRAWER AND RIGHT DOOR**

27674
*Size: 42x40xh 80 cm*

27662
*Size: 42x52.5xh 80 cm*

**FEBO BEDSIDE TABLES**
Epoxy powder coated steel sheet 8/10 body. Towel holder and lateral bottle holder (27662 only). Soft rubber antitrauma handle. Sliding drawer with removable ABS tray. Inner removable shelf. 4 revolving castors (2 with brake)

- **27674 FEBO BEDSIDE TABLE - blue avio RAL 5014**
- **27675 FEBO BEDSIDE TABLE - other colours***

| RAL 5010 | RAL 2003 | RAL 6019 | RAL 1013 | RAL 7040 |
|---|---|---|---|---|

**Available in 30 days. Minimum order 10 pcs.*

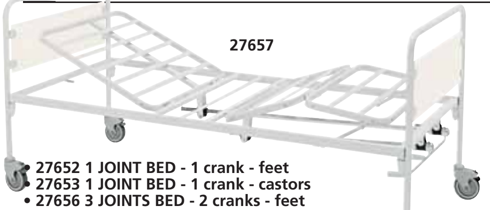
- **27662 FEBO BEDSIDE TABLE WITH BOTTLE HOLDER - blue avio RAL 5014**

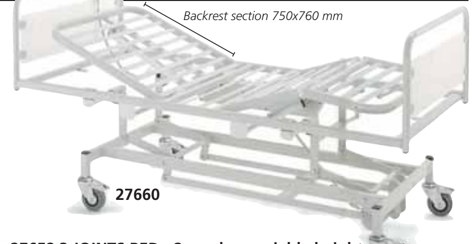
*Four revolving castors Ø 60 mm (2 with brake) with bumpers Ø 100 mm.*

**BEDSIDE TABLE WITH DRAWER, DOOR, BOTTLE - GLASS HOLDER, OVERBED TABLE**
Epoxy powder coated steel sheet body. Thermoformed ABS top with towel holder, lateral bottle and glass holder. Sliding drawer with removable ABS tray. Laminated plastic drawer face and door 10 mm thick. Anti-trauma handles. Revolving, extensible, adjustable height cm 90/110 ABS overbed table top. Removable inner shelf. Plastic grid at bottom.

- **27678 BEDSIDE TABLE - DOUBLE FACE**
- **27679 BEDSIDE TABLE - SINGLE FACE**

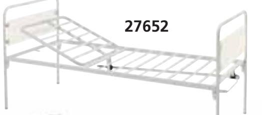
# PATIENT BEDS WITH 1 OR 3 JOINTS, MANUAL OR ELECTRIC

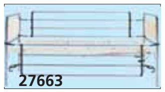




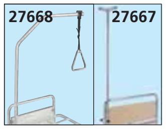
- **27652 1 JOINT BED - 1 crank - feet**
- **27653 1 JOINT BED - 1 crank - castors**
- **27656 3 JOINTS BED - 2 cranks - feet**
- **27657 3 JOINTS BED - 2 cranks - castors**

- All welded main frame constructed from rectangular steel frame.
- Bed ends made in epoxy finish steel tube
- 1 joint/2 sections or 3 joints/4 sections
- manual movement by 1 or 2 cranks with retractable handles
- legs fitted with 4 revolving directional rubber/steel castors with independent brake or plastic feet.





Collapsible support



Infusion pole and lifting pole

- **27658 3 JOINTS BED - 2 cranks - variable height - castors**
- **27659 3 JOINTS BED - electric - castors**
- **27660 3 JOINTS BED - electric - variable height - castors**

- 3 joints/4 sections beds adjustable by means of 2 independent cranks (27658) or electric motor 24 V DC and push botton
- height adjustable by hydraulic foot pump (27658) or electric motor (27659/60)

Legs and other features as 27652

**TECHNICAL SPECIFICATIONS**

| | 27652/3 | 27656/7 | 27658 | 27659 | 27660 |
|---|---|---|---|---|---|
| Size of platform: | 900x2,000 mm | | | | |
| Platform height mm: | 475 | 475 | 400/800 | 475 | 400/800 |
| Height of bed ends mm: | 950 | | | | |
| External measurement: | 910x2,060 mm | | | | |
| Packing size mm: | 960x145x2,070 | | | 960x220x2,070 | |
| Movement: | 1 crank | 2 cranks | 2 cranks | electric | electric |
| Max patient load kg: | 135 | | | | |

| GIMA code | ACCESSORIES FOR PATIENTS BEDS |
|---|---|
| 27663 | Collapsible support - couple |
| 27667 | Infusion pole with universal clamp |
| 27668 | Lifting pole with slot in system |
| 27661 | Kit for castors spare for 27658/59/60 |

# SPECIALISTIC BED 3-JOINTS/4 SECTIONS, ELECTRICAL, ADJUST. HEIGHT

*Height adjustment of platform from ground from 40 to 80 cm (27673) or 23 to 63 cm (27672)*

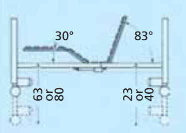
*Possibility of Trendelenburg (12°) and reverse-Trendelenburg (12°) movements*

**QUALITY**
EN 1970:2000
DIN EN 1970:2000-12
EN 60601-2-38:2001
DIN EN 60601-2-52:2009

- **27673 SPECIALISTIC BED with Trendelenburg - 40-80 cm**
- **27672 SPECIALISTIC LOW BED with Trendelenburg - 23-63 cm**

Three-joints, four sections bed with adjustable height from 40 to 80 cm or 23-63 cm with full electrical movements.
All welded mainframe made of rectangular steel tube 50x25x2 mm.
Mattress platform with flexible wooden staves, complete with mattress-hold guides. Backrest-section and leg-section adjustable by means of two independent electric motors 24V D.C. and push-button.
Foot-section adjustable by means of a rack device. Fixed pelvis-section.
Removable head and foot-end frames made of natural beech finish wood with solid corners and edges.
Comes complete with 2 vertical sliding bars with upper/lower lock/unlock keys and lifting pole.
Legs fitted with 4 castors Ø 100 mm with independent brake.

**TECHNICAL SPECIFICATIONS**
Size of platform: 900x2,000 mm
Platform height: 400-800 mm (27673)
230-630 mm (27672)
External measurement: 1,030x2,140 mm
Height of bed end from mattress platform: 50 mm
Max load: 135 kg
Weight: 102 kg
Operating power: 230 V - 50 Hz



- **27676 WOODEN BEDSIDE TABLE - height adjustable, tiltable tray**

Manufactured by quality laminated wooden panel. Particularly functional: with drawer, 2 doors (can be used from both sides) and lateral height adjustable (73-100 cm) tiltable tray at 90° (27676) or swing type tray (27677).
Size: 50x33xh 85 cm. Lateral tray: 58x33 cm (27676), 72x36 cm (27677).
4 revolving castors (2 lockable). ABS border.

- **27677 WOODEN BEDSIDE TABLE - extractable tray**

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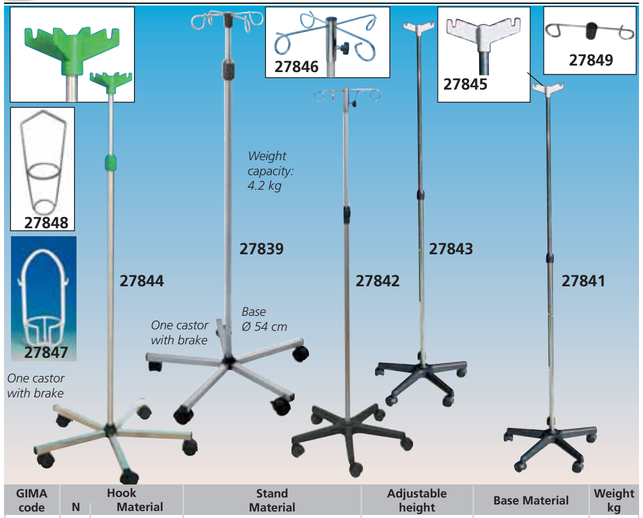
# I.V. STANDS



*Weight capacity: 4.2 kg*

*Base Ø 54 cm*

*One castor with brake*

*One castor with brake*

| GIMA code | N | Hook Material | Stand Material | Adjustable height | Base Material | Weight kg |
|---|---|---|---|---|---|---|
| 27839 | 4 | Stainless steel | Stainless steel AISI 304 | 160-220 cm | Stainless steel | 3.3 |
| 27841* | 2 | plastic | Chromed-steel | 160-245 cm | plastic | 2.9 |
| 27842* | 4 | metal | Chromed-steel | 160-245 cm | plastic | 3.2 |
| 27843* | 2 | plastic | Aluminium | 158-248 cm | plastic | 2.9 |
| 27844 | 4 | plastic | Stainless steel AISI 304 | 160-220 cm | Stainless steel | 2.9 |
| 27845 | 2 | plastic | Plastic support for bottle holder - load 1 kg each hook | | | |
| 27846 | 4 | metal | Metal support for bottle holder - load 1 kg each hook | | | |
| 27849 | 2 | Stainless steel | Stainless steel AISI 304 support for bottles holder | | | |
| 27847 | - | | Plastic bottle holder - box of 40 pcs. | | | |
| 27848 | | | Stainless steel AISI 304 bottle holder. Capacity 2.5 kg | | | |

**Maximum load 2 kg each hook*

# HYPODERMOCLYSIS STAND

*4 stainless steel AISI 304 hooks, with anti-release safety device*

*Stand Ø 60 mm*

LOAD CAPACITY 28 KG

*Stainless steel adjustable gripping handle for easy transport*

*Pedal driven shock absorbing pump.*
*Height adjustable: 195-291 cm*
*Weight: 26 kg*

*Stainless steel base with 5 pivoting castors Ø 60 mm (1 antistatic, 2 with brake, 2 standard) and grey vipla bumpers.*

- **27856 HYPODERMOCLYSIS STAND**

Stand with hydraulic height adjustment for hypodermoclysis, for washing and surgical irrigation. Hydraulic pump with pedal for height adjustment and gripping handle for easy transport. Made in Italy.

# SWADDLING TABLE

- **27400 SWADDLING TABLE - beige**

Baby changing table with Itallumag tubular frame with 2 shelves.
Padded worktop 115x60 cm in soft washable fireproof (Class 1 IM) simulated leather and lower shelf 100x40 cm, in laminated chipboard panel.
Max load: 60 kg
Size: 115x63xh 85 cm
Weight: 28 kg
Delivered disassembled.
Made in Italy.

# NEONATAL CRADLE

- **43500 NEONATAL CRADLE with trolley**

Transparent unbreakable plastic cradle with round edges and ventilation holes. Epoxy powder painted mainframe made of curved and welded tubular steel. Shape of trolley allows horizontal and Trendelenburg inclinations and bedside positioning. Legs fitted with 4 synthetic rubber castors Ø 75 mm, two with brake.
Dimensions: 83.5x52.5xh 90 cm.
Weight: 15 kg. Max load: 10 kg.
Delivered disassembled. Made in Italy.

- **43501 CRADLE - spare**
- **27685 MATTRESS 63x37x5.5 cm - fireproof**
- **27686 COVER - water proof**

*Manual: GB, FR, IT, ES*

# PEDIATRIC BED

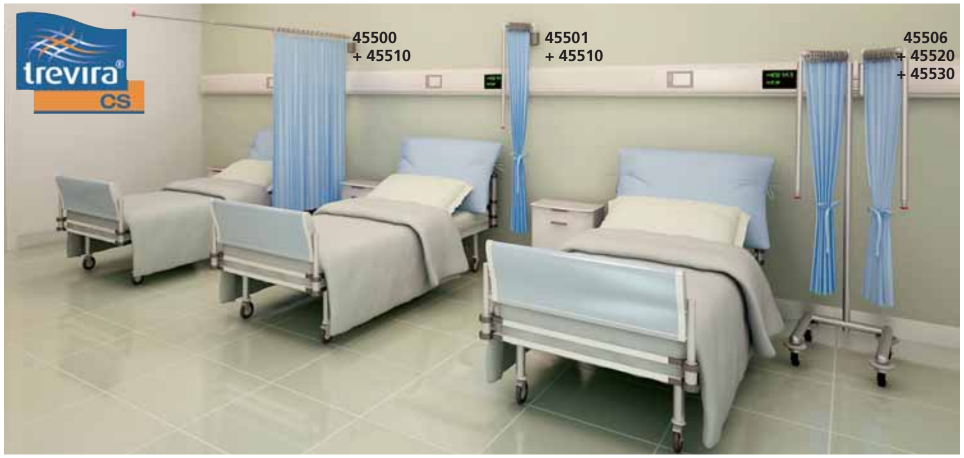
- **27399 PAEDIATRIC BED 1-4 years**

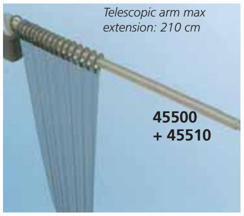
200°C epoxy powder painted mainframe made of steel tube Ø 30 mm, ready to be hooked into the mattress platform.
Mesh mattress platform made of oval tube 40x20 mm, fixed to the mainframe with removable bolts. Side rails 62 cm h. sliding on chromed steel guides, with safety device. Legs with 4 castors Ø 80 mm, two with brake. Weight 35 kg.
External measurement 140x70xh 130 cm
Inner size 130x65xh 63 cm. Made in Italy.

*Colour: ivory (RAL 1013)*

- **27687 MATTRESS 125x62x10 cm - fireproof**
- **27688 COVER - water proof**

## AN INTEGRATED SYSTEM OF TREVIRA® CURTAINS





**A COMPLETE SEPARATION SYSTEM**

A complete system to create separations inside hospital rooms or outpatient wards.

**System includes**

**4 STRUCTURES - include rings**

- **window curtain rails**
- **adjustable wall arms**
- **cabin curtain rail**
- **trolleys with 1 or 2 curtains**

**3 SIZES TREVIRA® CURTAINS IN 6 COLOURS - do not include rings**

**Window curtains rails**

Available in 2 sizes: 160 cm (45492) need curtains 175xh 145 cm and 210 cm (45493) need curtains 225x145 cm

**Cabin curtain rails**

Size: 80x80 cm, need curtain 225xh 180 cm

**Swing arm curtains - manual or electrical**

Swing arm curtain is adjustable horizontally (180°) and can be bent down to 90° (45501 only) when not in use.
Telescopic tubular arm extension: open 210 cm, closed 88 cm (45500 and 45503) or 100 cm (45501).
Rings allow curtains to slide smoothly.

**Trolley curtains - 1 or 2 curtains**

Trolley made of stainless steel AISI 304 with 4 revolving castors (2 lockable). It allows the use of 1 curtain 225xh 145 cm (45505) or 2 curtains (45506), 1 long 225xh 145 cm and 1 short 175xh 145 cm. Arm can be bent down to 90° when not in use and curtain remains tied up.

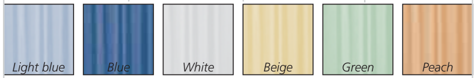
| GIMA code | STRUCTURE: ARM OR TROLLEY WITHOUT CURTAINS |
|---|---|
| 45492 | Window curtain rail 160 cm |
| 45493 | Window curtain rail 210 cm |
| 45495 | Cabin rail 80x80 cm |
| 45500 | Adjustable arm |
| 45501 | Adjustable foldable arm |
| 45503 | Electric adjustable arm* |
| 45505 | Trolley for 1 curtain - foldable |
| 45506 | Trolley for 2 curtains - foldable |

*Adjustable horizontally (180°) by electrical control

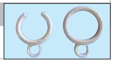
**Trevira® curtains**

Trevira® curtains are flame-proof (Class I), antiallergic, avoid bacterial growth, waterproof and highly resistant to abrasion.
Thick weft to avoid dust infiltration and improve privacy, washable up to 60°C. Available in 6 colours to match any need.
**Custom-made curtains are available on request.** Made in Italy.

| TREVIRA CURTAINS | | | |
|---|---|---|---|
| FOR WALL ARMS AND CABIN | FOR TROLLEYS AND WINDOWS | | COLOUR |
| 225xh 180 cm | Long trolley arm/rail: 225xh145 cm | Short trolley arm/rail: 175xh145 cm | |
| 45510 | 45520 | 45530 | Light blue |
| 45511 | 45521 | 45531 | Blue |
| 45512 | 45522 | 45532 | White |
| 45513 | - | - | Beige |
| 45514 | - | - | Green |
| 45515 | 45525 | 45535 | Peach |

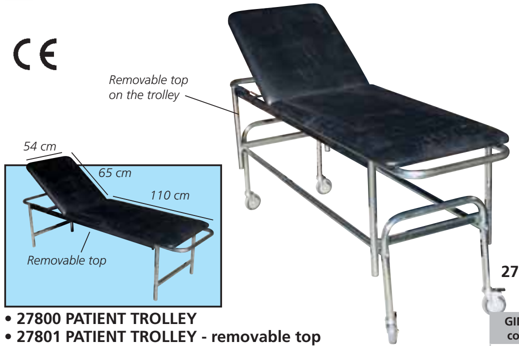


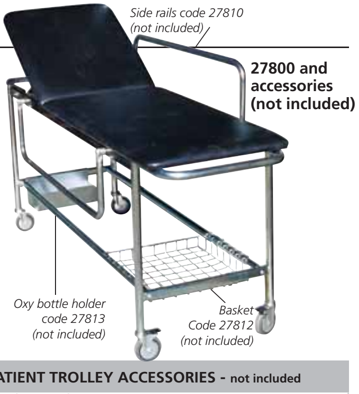
| SET OF 18 RINGS - SPARE | |
|---|---|
| 45508 | Open rings *for window rails and cabin* |
| 45509 | Closed rings *for wall arms and trolleys* |



**OTHER WING SCREENS see page 137**

## PATIENT TROLLEYS - STRETCHERS




Side rails code 27810 (not included)
27800 and accessories (not included)
Oxy bottle holder code 27813 (not included)
Basket Code 27812 (not included)

- **27800 PATIENT TROLLEY**
- **27801 PATIENT TROLLEY - removable top**

Made of chrome plated steel tube. Comes complete with mattress made in washable self extinguishing plastic material.
Mounted on 4 castors Ø 100 mm two of which with brakes.
Size: 180x54xh 80 cm. Load: 100 kg. Made in Italy.

| GIMA code | PATIENT TROLLEY ACCESSORIES - not included |
|---|---|
| 27810 | Side rails (couple) |
| 27811 | I.V. Stands |
| 27812 | Steel basket |
| 27813 | Oxygen bottle holder |

## PROFESSIONAL WARD STRETCHER

FLAT PACK
reduced shipping volume

| GIMA code | WARD STRETCHER ACCESSORIES - not included |
|---|---|
| 44761 | Side rails (couple) with automatic locking device |
| 44762 | I.V. Stand with two hooks |
| 44763 | Basket - chrome plated steel |
| 44764 | Oxygen bottle holder* - chrome plated steel |
| 44765 | Fireproof simulated leather mattress - class I - 182x64x4 cm |

* for oxygen bottle up to 41 cm, Ø 15,5 cm

- **44760 WARD STRETCHER**

Main features:
- **Platform:** all-welded mainframe made of semi-oval steel tube 50x25x2 mm.
- **Push/Pull handle:** Made in steel tube Ø 30x1.5 mm.
- **Surface finish:** Epoxy gloss finish standard grey 7040
- **Mattress platform section:** Two section mattress platform fitted with removable chrome-plated grids made of 5 mm. Ø steel rods and square mesh 50x50 mm.
- **Backrest:** Square cross section 25x25x1.5 mm, adjustable by means of a rack device (5 positions).
- **Castors** - Four castors Ø 200 mm made of grey synthetic rubber two of which with independent brake.
- **Bumpers:** Four bumpers at the corners made of anti-acid and anti-shock grey resin.

Supplied disassembled.
External size: 202x71xh 90 cm
Wired net height: 78 cm
Load: 135 kg.
Manual: GB, FR, IT, ES, PT.
Made in Italy.

## PROFESSIONAL PATIENT TROLLEY - ADJUSTABLE HEAD SECTION

- **27804 PROFESSIONAL PATIENT TROLLEY with adjustable head section, side rails and oxygen cylinder holder**
- **27805 PROFESSIONAL PATIENT TROLLEY - RADIOTRANSPARENT FRAME with adjustable head section, side rails and oxygen cylinder holder**

Innovative, stylish comfortable trolley easy to use.
Trolley made in sturdy tubular frame for optimal stability.
Supplied with 4 wheels Ø 200 mm (2 with brake), bumpers, push handle.
Detachable frame with adjustable head section (27804) or fixed frame, 12 mm thickness, with adjustable head section (27805).
Size: 196x76xh 75 cm. Net size: 193x68 cm
Maximum load: 200 kg.
Weight: 70 kg.
Made in Italy.

- **27807 MATTRESS - 186x68xh 8 cm - black**

Simulated leather.
Fire retardant.
Class I IM.

- **27808 IV STAND with 2 plastic hooks.**

RADIOTRANSPARENT FRAME

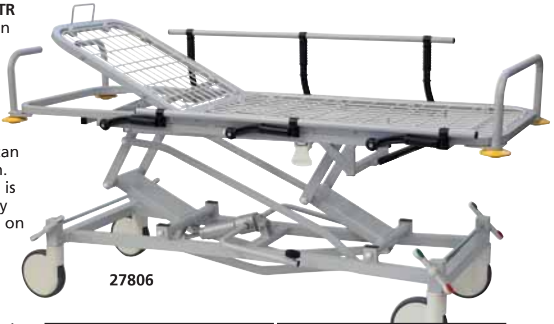
Position of vertical columns and radiotransparent frame (only 27805) allow the structure to have a wide radiotransparent surface.

## ADJUSTABLE HEIGHT PATIENT TROLLEY WITH TR AND RTR

**• 27806 PATIENT TROLLEY - with adjustable height, TR and RTR**
Stilish sturdy and comfortable trolley with innovative design allowing operators to easily treat patients.
Adjustable in height by means of hydraulic pump with pedal placed on both sides. The lateral sides are very comfortable, easy and fast to fold. The upper wire mesh is removable to guarantee a better hygiene. Equipped with push handles, 4 bumpers at he corners and a universal hold-cylinder. Reclinable cushion thanks to two racks that can be easily actuated by the grip handle. Wheels: 200 cm diam. with total and simultaneous central brake; one of 4 wheels is equipped with directional brake; their activation is made by means of 4 lateral pedals. The joints of the structure rotate on self-lubricating sintered threaded inserts.
The trolley can reach the Trendelemburg and anti-Trendelemburg position very quickly thanks to a handle placed on the upper lateral side: it activates a gas spring (600N) that offers millimetric adjustability.
The entire structure made in rectangular and round tubular is epoxy painted in grey and white colour.
Size: 201x76xh 52/87 cm (without mattress).
Load: 130 kg. Weight: 90 kg

**• 27807 MATTRESS - 186x68xh 8 cm - black**
Simulated leather, fire retardant. Class 1M

**• 27808 IV STAND**


27806

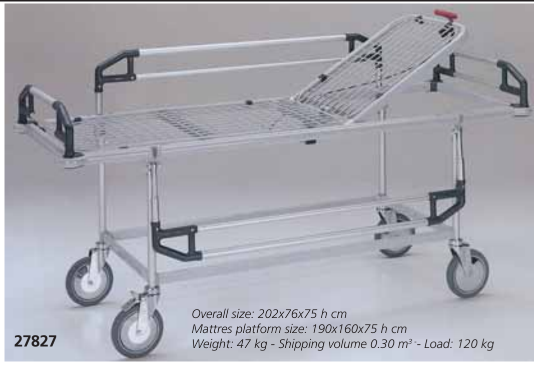
27806 +
27807

27806 +
27807

## PROFESSIONAL PATIENT TROLLEYS WITH ADJUSTABLE BACKREST

**• 27827 PROFESSIONAL PATIENT TROLLEY - with adjustable backrest and side rails**
Trolley made of anodized aluminium with steel perimetral frame with rigid PVC profile.
Coated with epoxy powder RAL 1013 ivory.
Rigid mattress platform made of powder coated steel welded mesh.
Main frame, side rails and shove handle bar made of anodized aluminium.
Nylon components with handle shape.
Swivelling castors Ø 200 mm, 2 of which with brake.
Delivered in kit from. Made in Italy.

**• 27830 IV STAND - fixed height 100 cm - 2 plastic hooks**
**• 27831 STEEL BASKET - 56x38xh 9 cm**
**• 27832 OXYGEN BOTTLE HOLDER - Ø 18x37 cm**
**• 27834 FIRE RETARDANT MATTRESS 7 cm - black - 185x58xh 7 cm**


27827

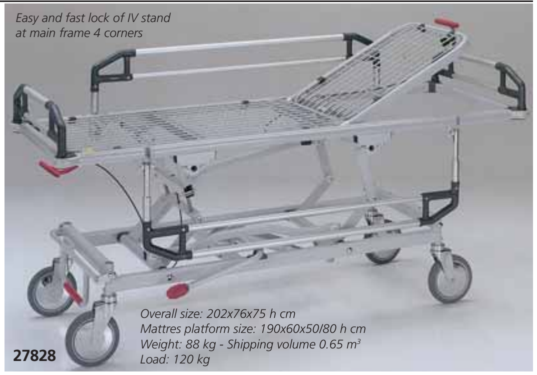
*Overall size: 202x76x75 h cm*
*Mattres platform size: 190x160x75 h cm*
*Weight: 47 kg - Shipping volume 0.30 m³ - Load: 120 kg*

## ADJUSTABLE HEIGHT PATIENT TROLLEY WITH TR AND RTR

**• 27828 ADJUSTABLE HEIGHT PATIENT TROLLEY with Trendelenburg (TR), Reverse Trendelenburg (RTR) and side rails.** Platform composed by two epoxy powder coated steel RAL 1013 ivory welded mesh sections, detachable for cleaning, fitted on nylon supports and placed on steel crossbar covered with rigid PVC profile. Raising and lowering by gas spring with lever set on the same section. Trolley structure with a rounded section profile coated with epoxy powder RAL 1013 ivory. Adjustable height by oleodinamic pump from 50 cm to 80 cm with foot control lever. TR-RTR position controlled by handle at the foot of the trolley. Mechanical braking. Inclination and platform check by a level bubble. TR 14° RTR 11°. Swivelling castors Ø 200 mm, one of which directional. Simultaneous braking with foot control lever with 3 positions: total brake, swivelling total, swivelling and directional. Made in Italy.

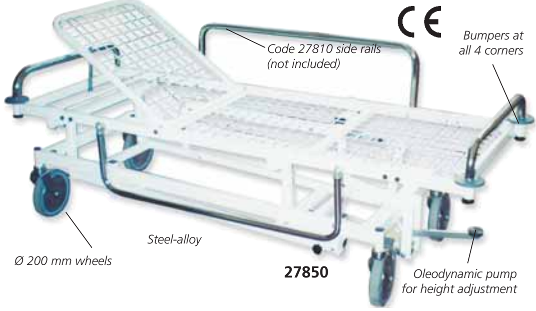
**• 27830 IV STAND - fixed height 100 cm - 2 plastic hooks**
**• 27833 OXYGEN CYLINDER HOLDER (max. 7 l) and WIRE BASKET - multifunction**
**• 27835 FIRE RETARDANT MATTRESS 10 cm - 2 sections - 185x58xh 10 cm**

*Easy and fast lock of IV stand at main frame 4 corners*


27828

*Overall size: 202x76x75 h cm*
*Mattres platform size: 190x60x50/80 h cm*
*Weight: 88 kg - Shipping volume 0.65 m³*
*Load: 120 kg*

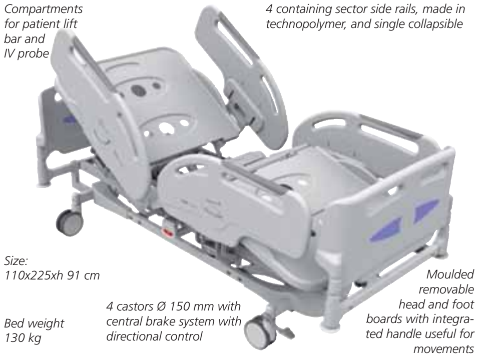
## TRENDELENBURG PATIENT TROLLEY - STRETCHER


CE
Code 27810 side rails (not included)
Bumpers at all 4 corners
Steel-alloy
Ø 200 mm wheels
Oleodynamic pump for height adjustment
27850

**• 27850 TRENDELENBURG TROLLEY**
Made of steel-alloy, oven painted ral 9010, with chrome plated handles.
Adjustable height from 50 to 70 cm, with oleodinamic pump.
Trendelenburg up to 9°.
Anti-Trendelenburg up to 14° (with gas pump).
Plastic bumpers at four corners. Maximum load: 120 kg.
4 wheels of Ø 200 mm (2 with brake).
Size: 65x184 (internal) x h 50-70 cm, 72x191 cm (external).

| GIMA code | ACCESSORIES |
|---|---|
| 27810 | Side rails (couple) 100xh 28 cm |
| 27853 | I. V. Stands |
| 27854 | Oxygen bottle holder |
| 27855 | Mattress - black sky 3 cm thick in flame retardant material - 184x64x3 cm |

## HEIGHT ADJUST. ELECTRIC BED

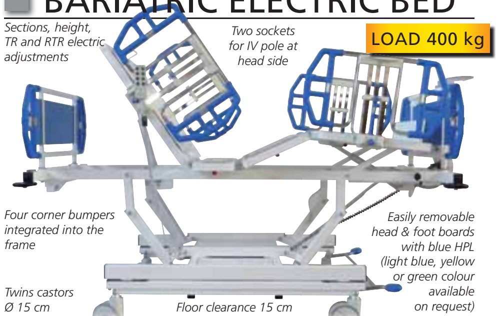

Compartments for patient lift bar and IV probe
4 containing sector side rails, made in technopolymer, and single collapsible
Size: 110x225xh 91 cm
Bed weight 130 kg
4 castors Ø 150 mm with central brake system with directional control
Moulded removable head and foot boards with integrated handle useful for movements

**• 44800 HEIGHT ADJUSTABLE ELECTRIC BED**
3 joint, 4 section Hospital bed, with electronic adjustment of height and platform, Trendelenburg and Reverse Trendelenburg positions (15°). All steel components are epoxy-coated with anti-microbial additive. Back section regulation using electric actuators with anti-crushing and rototranslation function to avoid abdominal crushing. Both bed sides have CPR manual levers for emergency manoeuvres.
Foot rest adjustment by click mechanisms allowing 6 positions.
Internal side rails controls for patient use and caregiver.
Remote control to maintain position or disable by magnetic key.
The keypad allows adjustment of backrest, bed surface height, legs and foot rest, comfort position, Trendel and reverse Trendel.

**• 44801 LIFTING POLE**
**• 44802 IV POLE**
**• 44803 FLAME RETARDANT MATTRESS with waterproof cover**
Load 280 kg. Density 35 kg/m². Size 85x195x18 cm.

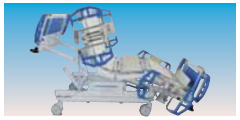
**TECHNICAL SPECIFICATIONS**
Minimum/maximum height surface: 380-780 mm
Maximum backrest regulation: 70°
Maximum leg/foot height regulation: 30°
Trendelenburg/reverse trendelenburg: 15°
Minimum/maximum height: 835-1235 mm
Maximum total width/length: 1010/2260 mm (bumpers and siderails included)
Worksurface width/length dimension 880/2000 mm
Power supply: 160-230 V - 50-60 Hz
Dynamic lift capacity: 230 kg
SWL: 270 kg
IEC protection class: I / B
IP code (protection rating): IP66
Made in Italy

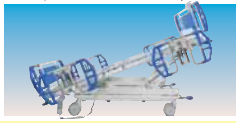
## BARIATRIC ELECTRIC BED


Sections, height, TR and RTR electric adjustments
Two sockets for IV pole at head side
LOAD 400 kg
Four corner bumpers integrated into the frame
Easily removable head & foot boards with blue HPL (light blue, yellow or green colour available on request)
Twins castors Ø 15 cm
Floor clearance 15 cm

**• 27636 EXTENDABLE BARIATRIC BED - electric, 4 sections**
Four section electrically driven bed frame in durable steel construction with adjustable height and TR-RTR. Made in Italy.
- Trendelenburg 18° and Reverse Trendelenburg 18°
- mattress platform positioning: backrest 0°-52°, legrest 0°-24°
- manual handset with locking key+supervisior to adjust sections
- electric CPR function
- armchair position with excellent comfort
- carer controlled lock out function for all controls
- battery backup
- central braking system with a three position pedal on foot side for greater control: steering / swivelling / braking
- 3X standard twin castors Ø 15 cm and 1 antistatic and steering twin castor
- 4 multi position and removable siderails, colour co-ordinated to bed frame

**• 27638 LIFTING POLE with integrated IV hooks**
**• 27639 RETRACTABLE BLANKET TRAY**
**• 27640 IV POLE**
**• 44810 FLAME RETARDANT BARIATRIC MATTRESS - 4 pieces with waterproof transpirant cover.** Load 300 kg. Density 40 kg/m². Size 90x200x18 cm (2 sides 15x200x18, 1 foot 15x120x18)





**TECHNICAL SPECIFICATIONS**

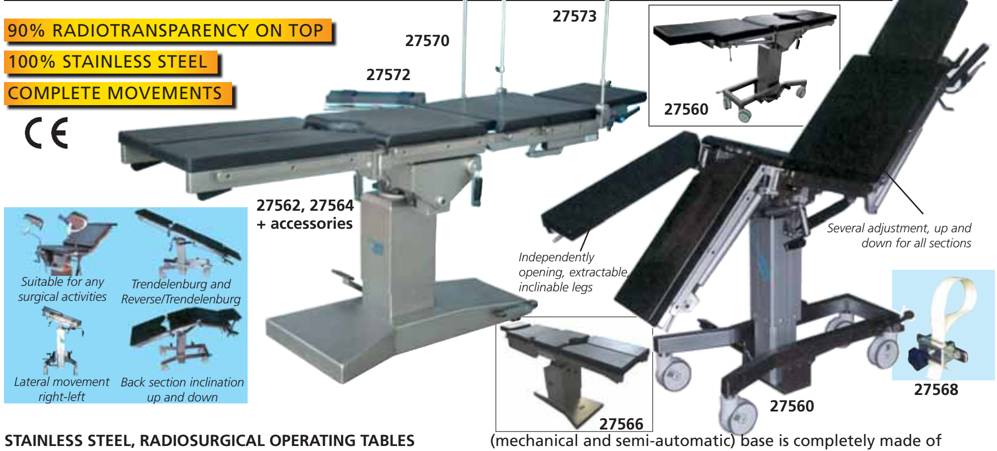
| | | |
|---|---|---|
| Bed upper frame dimensions: | - fully retracted - 226x105 cm (bumpers included)<br>- fully extended - 242x135 cm (siderails included) | |
| Mattress platform adjustments: | - fully retracted - 200x90 cm<br>- intermediate position - 200x105 cm<br>- fully extended - 200x120 cm<br>- foot extension - from 200 to 220 cm | |
| Lowest-Highest position: | 41-81 cm | |
| Bed weight: | 175 kg | Load capacity: 400 kg |
| Electrical shock protection: | Class 1 | Liquid ingress protection: IP 66 |

# MECHANICAL AND SEMI AUTOMATIC OPERATING TABLES

90% RADIOTRANSPARENCY ON TOP

100% STAINLESS STEEL

COMPLETE MOVEMENTS


27573
27570
27572
27560
27562, 27564
+ accessories
Suitable for any surgical activities
Trendelenburg and Reverse/Trendelenburg
Lateral movement right-left
Back section inclination up and down
Independently opening, extractable, inclinable legs
Several adjustment, up and down for all sections
27568
27566
27560

**STAINLESS STEEL, RADIOSURGICAL OPERATING TABLES**
Designed to satisfy surgical functionality, practicality, quickness and easy maintenance. They allow, with proper accessories, to satisfy every basic surgical activity

**- Table top**
Divided in 5 sections (head, back, pelvis, 2 indipendent leg sections) with stainless steel structure and plexiglass to allow x-ray permeability and easy cleaning.
Table top is pre-arranged for the insertion of x-rays holders all over its length. Accessories holder (25x10 mm) in stainless steel, covers table top length on both sides.

**- Telescopic column**
Square and of limited size, covered by anodized aluminium (27560) or stainless steel (27562/4/5/6)), it allows up and down movement (approx. 70-100 cm) by a foot pedal placed at the base through a closed oleodynamic circuit with oil-tight pump avoiding any oil leakage (27560/2/4) or by remote control (27565/6).

**- Mattresses**
They cover all the table top lenght, made in a long lasting material, sterilizable in autoclave, x-ray translucent and elastics. They are independently removable.

**- Base**
For Solaris, it is moveable by four large antistatic castors, 2 directional and 2 pivoting with brake. For Gima and Gima TR (mechanical and semi-automatic) base is completely made of stainless steel to ensure perfect stability. It is provided with a locking system to the floor through a foot bar. Transport is allowed by 3 antistatic wheels, one pivoting and 2 directional.

**- Movements**
For Solaris: Trendelenburg and Reverse/Trendelenburg with lateral tilt right-left 20° by crank. For Gima and Gima TR same table movements as above, work through a mechanical system moved by two cranks, positioned at the side, easily retractable, for semiautomatic by remote control.

**- Longitudinal translation**
Both Gima TR models offer manual longitudinal translation of table top of about 300 mm to allow total elimination of column encumbrance for 100% transparency of top.

**- Full range of accessories.** All tables come with mattress included, semiautomatic also includes control (with 1 m cable) batteries and crank for emergency of engine.
All operating tables are made in Italy.

| GIMA code | OPERATING TABLES |
|---|---|
| 27560 | Solaris operating table - mechanical |
| 27562 | Gima operating table - mechanical |
| 27564 | Gima TR operating table with longitudinal translation of table top - 100% radiotransparency |
| 27565 | Gima operating table - semiautomatic - need 27559 |
| 27566 | Gima TR operating table - semiautomatic with longitudinal translation of table top - 100% radiotransparency - need 27559 |
| **ACCESSORIES FOR ALL OPERATING TABLES - 100% stainless steel** | |
| 27568 | Wristlet with clamp - couple |
| 27569 | Rectangular s/s gynaecological basin - 200x320x150 mm |
| 27570 | Two-hook adjustable IV stand (needs clamp 27571) |
| 27571 | Clamp for IV stand |
| 27572 | Arm holder adjustable 90-180° with cushion and clamp |
| 27573 | Drape support with adjustable height with 2 clamps 27576 |
| 27576 | Clamp for drape support - spare |
| 27574 | Leg holder with radio transparent valve and cushion - couple (needs 2 clamps 27575) |
| 27575 | Clamp for leg holder |
| **ACCESSORIES FOR SEMIAUTOMATIC TABLES (27565-6)** | |
| 27558 | Infrared control |
| 27559 | Battery charger |

**TECHNICAL SPECIFICATIONS**

| | 27560 | 27562-27564 | 27565-27566 |
|---|---|---|---|
| Table top size | 200x48 cm | 200x48 cm | 200x48 cm |
| Height | 70-100 cm | 75-105 cm | 75-105 cm |
| Lifting system | Mechanical | Mechanical | Electric |
| - Trendelenburg | 30° | 35° | 35° |
| - Reverse Trendelenburg | 30° | 25° | 25° |
| - Lateral tilt right-left | 20° | 25° | 25° |
| Table top composition | | | |
| - Head section | extractable and inclinable (+25° -90°) | | |
| - Back section inclination | -40° +80°<br>by gas spring | -20° +80°<br>by gas spring | -20° +80°<br>mechanical |
| | | size 48x51 cm | |
| - Pelvis section size | | size 48x49 cm | |
| - Leg section | divided in two independent sections with following manual movements<br>• opening right/left of 0°/90°<br>• inclination +30° -90°<br>• both parts are easily independently extractable | | |
| Table weight: | 90 kg | 160 kg | 160 kg |
| Operating table capacity: | 200 kg | 250 kg | 250 kg |
| Made in Italy | | | |

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# ISO SERVICE TROLLEYS - MADE IN ITALY

*Size:*
*65x47xh 100 cm*
*Weight: 12.5 kg*

*Pivoting castors*
*Ø 100 mm*
*(2 with brake)*

**• 27935 ISO SERVICE TROLLEY - empty**
Service trolley for "ISO" trays or baskets (not included) made in epoxy powder painted steel. Supplied with 5 height adjustable runners for ISO trays/baskets.

*Both side basket pulling out with stopper to avoid accidental fall.*

*Size:*
*59x99.3xh 88 cm*

*Adaptable to any model of ISO 600x400 baskets and trays thanks to the special rail sides, which allow an easy sliding and pull out.*

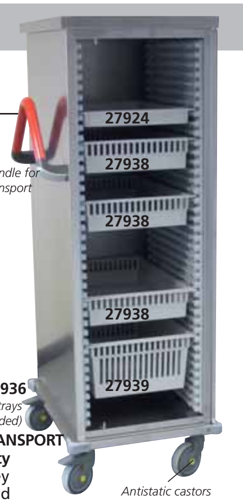
*4 wheels Ø 125 mm*
*(3 with brake)*

**• 27934 AURION MINI 600 - ISO trolley - empty**
Basic body made in Baydur Polyurethane - Bayer AG: it can be washed and disinfected. It does not react with diluted acids, alkali and solvents. Self-extinguishing according to class UL V0 - Latex Free. For safety, handles are moulded into the body on both sides, trolley top has a 4-sided moulded containing rim to avoid any spilling/falling of materials. No sharp edges. All around bumper. Lightweight and easy to move.

*Lockable with double key*

*Equipped with key lock and doors kit made in transparent polycarbonate.*

*Side plastic runners for "ISO" trays or baskets*



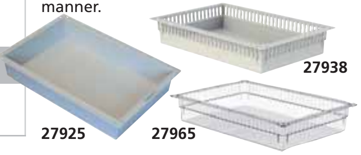
*(baskets and trays not included)*

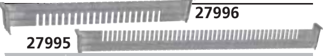
**• 27936 ISO TRANSPORT TROLLEY - empty**
Transport trolley for ISO trays and baskets (not included).
Made in stainless steel AISI 304 sheet, scotch brite finishing. Anti-dust gasket.
Internal side with plastic runners for ISO trays or baskets.
Supplied with handle for transport.

# ISO FORMAT UNIVERSAL MODULAR TRAY SYSTEM

| ISO MODULAR TRAYS | | |
|---|---|---|
| **GREY ABS** | | |
| Closed | Open | SIZE mm |
| 27924 | - | 600x400x50 |
| 27925 | 27938 | 600x400x100 |
| 27928 | 27939 | 600x400x200 |
| **TRANSPARENT PC** | | |
| Closed | Open | SIZE mm |
| 27957 | - | 600x400x50 |
| 27958 | 27965 | 600x400x100 |
| - | 27966 | 600x400x200 |

Intelligent solutions for storing all kind of drugs, bandages, accessories and small components in a space saving and clear manner.





| GIMA code | DIVIDERS |
|---|---|
| 27994 | 400x50 mm |
| 27995 | 600x50 mm |
| 27996 | 400x100 mm |
| 27997 | 600x100 mm |
| 27998 | 400x200 mm |
| 27999 | 600x200 mm |
| 28001 | Drawer stropper |

# INOX WORKING TABLE

**• 27909 INOX WORKING TABLE**
Working table, equipped with two drawers (47x30x12 cm) each side, to work on both sides. Stainless steel AISI 304 frame, structure made of square tubular, table top and lower shelf made of smooth stainless steel. Mounted on 4 castors Ø 100 mm, two with brakes.
Weight 50 kg. Size 120x70xh 95 cm.
Max load (x shelf): 40 kg.
Delivered in kit form 122x35x72 cm
Made in Italy.

# OPERATING THEATRE INSTRUMENT TABLES

*Shelf size: 120x65 cm*

**• 27913 INSTRUMENT TABLE 2 SHELVES**
Operating room instruments table made of stainless steel AISI 304 scotch brite finish.
125 mm Ø revolving castors (2 with brake).
Weight: 28 kg. Load for shelf: 40 kg.
Size: 120x65xh 95 cm.
Delivered in kit form (123x13x68 cm).
Made in Italy.

Stainless steel adjustable 105-136 cm upper part with 4 instrument hooks.
Shelf size: 120x65 cm
27914

**• 27914 INSTRUMENT TABLE 1 SHELF**
Operating room instruments table made of stainless steel AISI 304, scotch brite finish. 125 mm Ø revolving castors (2 with brake).
Weight: 21 kg. Load: 40 kg.
Size: 120x65xh 95 cm.
Delivered in kit form (123x13x68 cm).
Made in Italy.

## OPERATING ROOM INOX CABINETS

27917

- **27917 INOX CABINET**

Made of AISI 304 stainless steel.
Two lockable doors (10/10 thickness), 4 adjustable shelves (8/10 stainless), 4 adjustable feet, with stainless steel cover. Size: 100x48xh 190 cm.
Weight: 130 kg.
Made in Italy.

27918

- **27918 GLASS-INOX CABINET**

Made of AISI 304 stainless steel with two lockable doors in tempered glass 5 mm thick, 4 shelves in temperated glass 6 mm thick and 4 adjustable feet.
Size: 100x48xh 190 cm. Weight: 105 kg.
Made in Italy.

## PAINTED STEEL CAB

27916

- **27916 PAINTED STEEL CABINET**

Epossidic powder painted steel cabinet with 4 adjustable shelves, lockable doors, 4 adjustable feet.
Size: 100x50xh 200 cm.
Made in Italy.

## SHELVING SYSTEM

27908

- **27908 SHELVING SYSTEM**

Shelving system, made of AISI 304 stainless steel, scotch brite finish. With 5 stainless steel reinforced shelves at fixed position.
Possibility to fix together several shelving systems.
Size: 100x50xh 200 cm
Load x shelf: 25 kg
Weight: 30kg
Made in Italy.

*3 shelving systems fixed together*

## INSTRUMENT TROLLEY

27442

- **27442 INSTRUMENT TROLLEY**

Made of satined welded AISI 304 stainless steel. With 4 sliding drawers (internal, 49x33xh 18 cm)
Top drawer lockable, upper shelf with safety edges to carry instruments.
4 revolving castors Ø 80 mm
Size: 60x40xh 110 cm
Weight: 37 kg
Made in Italy.

## ANAESTHETIC TROLLEY

27437

- **27437 ANAESTHETICS TROLLEY**

Made of satined AISI 304 stainless steel, with 6 drawers (internal 26x37xh 7 cm), a lockable vertical compartment and an open space.
Top with 3.5 cm upstand.
4 revolving castors Ø 80 mm
Size: 60x40xh 110 cm
Weight: 39 kg
Made in Italy.

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## STAINLESS STEEL, INSTRUMENT AND DRESSING TROLLEYS

27430

- **27430 INOX TROLLEY**

AISI 304 Stainless steel trolley with plastic drawer internally divided in 4 sectors.
2 shelves with upstands (3,5 cm) on four sides. Revolving rubber castors Ø 80 mm (two with brake).
Size: 70x50xh 82 cm.
Max load (x shelf): 25 kg.
**Delivered in kit form.**
Made in Italy.

27433

*Delivered in kit form.*
*Made in Italy.*

- **27433 MEDICAZIONE TROLLEY - small**

Size: 60x40xh 81 cm - weight 8 kg

- **27434 MEDICAZIONE TROLLEY - medium**

Size: 70x50xh 82 cm - weight 9 kg

- **27435 MEDICAZIONE TROLLEY - large**

Size: 90x60xh 85 cm - weight 15 kg
AISI 304 stainless steel trolleys, with push handle, 2 shelves with upstands (3,5 cm) on four sides, 4 revolving rubber castors Ø 60/80/90 mm. Max load (x shelf): 25 kg.

27431

- **27431 TER TROLLEY**

AISI 304 Stainless steel trolley, with push handle.
3 shelves with upstands (3,5 cm) on four sides, 4 revolving rubber castors Ø 80 mm.
Size: 70x50xh 82 cm - weight 13 kg
Max load (x shelf): 25 kg
**Delivered in kit form.**
Made in Italy.

27436

- **27436 DRESSING TROLLEY**

Dressing trolley made of AISI 304 stainless steel with 2 shelves (70x50 cm), 1 drawer (40x50xh 15 cm), basin holder and basin.
4 revolving castors Ø 100 mm.
Size: 70x50xh 85 cm - weight: 18 kg.
Max load (x shelf): 25 kg.
**Delivered in kit form.** Made in Italy.

45800

- **45800 MEDICAZIONE PLUS TROLLEY**

**With removable trays**
Stainless steel frame mounted on castors Ø 80 mm.
Size: 61x43xh 78 cm. Weight: 10 kg.
Maximum load (x shelf): 10 kg.
**Delivered in kit form.**
Made in Italy.

45805

- **45805 TER PLUS TROLLEY**

**With removable trays**
Stainless steel frame, mounted on castors Ø 80 mm.
Size: 49x30xh 78 cm. Weight: 9 kg.
Maximum load (x shelf): 10 kg.
**Delivered in kit form.**
Made in Italy.

## LANCART: STAINLESS STEEL TROLLEY TO BUILD UP

- **45810 LANCART TROLLEY - small**

Size: 60x40xh 80 cm

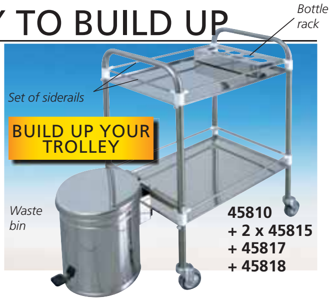
- **45811 LANCART TROLLEY - medium**

Size: 70x50xh 80 cm
Stainless steel trolley mounted on castors Ø 80 mm. Maximum trolley load: 60 kg.
**Delivered in kit form.** Made in Italy.
You can add following accessories:

- **45815 SET OF SIDERAILS (for 1 shelf) for 45810**
- **45816 SET OF SIDERAILS (for 1 shelf) for 45811**
- **45817 BOTTLE RACK**
- **45818 WASTE BIN**

*Size:*
*60x40xh 80 cm*

45810



45810
+ 2 x 45815
+ 45817
+ 45818

## ANODIZED ALLOY OR ALUMINIUM TROLLEYS

27429

27461

- **27429 GIMA 2 TROLLEY**
**- small:** 60x40xh 77 cm - weight 11 kg
- **27425 GIMA 2 TROLLEY**
**- medium** 70x50xh 78 cm - weight 14 kg

Practical trolleys with aluminium body and handles. With 2 white bilaminated shelves 18 mm thick, black PVC bordered, with guard-rail. Two large lateral handles facilitate transport or lift up of the trolley. 4 revolving nylon castors Ø 80 mm.
Max load (x shelf): 40 kg.

- **27426 GIMA 3 TROLLEY**
**- medium** 70x50xh 78 - weight 15 kg.

Same as GIMA2 , but without guard rail.
**Delivered in kit form.** Made in Italy.

- **27460 DELUXE TROLLEY**
- **27461 DELUXE TROLLEY with drawer 62x42 cm**

Size: 65x45xh 80 cm
Top quality trolleys made of lightweight anodized special alloy, with detachable stainless steel shelves.
4 revolving rubber castors Ø 80 mm.
Max load (x shelf): 15 kg.
**Delivered in kit form.**
Made in Italy.

## REX TROLLEY

27439

- **27439 REX TROLLEY**

Complete stainless steel dressing trolley. Supplied with 3 shelves, waste bin, drawer, support for bottles, guard rails on the two bottom shelves, 4 wheels, Ø 100 mm (2 with brakes).
Size: 79x50xh 120 cm (handle included).
**Delivered in kit form** (75x52x112 mm).
Drawer 64x43xh 9.5 cm.
Made in Italy.

## BOWL STANDS

27457 27456

- **27456 SINGLE BOWL STAND**
- **27457 DOUBLE BOWL STAND**

Chrome plated steel stand with stainless steel base and 5 plastic wheels, one with brake. Adjustable height from 60 to 95 cm
Stainless steel bowl Ø 32 cm, 4 l capacity included.
Available with one or two bowls. **Delivered in kit form.**

- **27459 S/S BOWL Ø 32 cm - spare**

## MAYO TABLES

27453 27455 27454

Tray internal size: 70x45xh 1.7 cm
Height adjustable 90-115 cm
45832 45830

- **27453 MAYO TABLE - 5 spokes**

S/s tray, 5 spokes with castors, Ø 50 mm and adjustable height.
**Delivered in kit form.** Made in Italy.

- **27454 MAYO TABLE - s/s base**
- **27455 MAYO TABLE - s/s base and pump**

With removable s/s tray, s/s AISI 304 base with 4 castors (50 mm) and adjustable height. **Delivered in kit form.** Made in Italy.

TECHNICAL SPECIFICATIONS

| | 27453 | 27454 | 27455 | 45830-45832 |
|---|---|---|---|---|
| S/S tray size: | 68x46 cm | 68x46 cm | 70x45xh 1.8 cm | 70x45xh 1.7 cm |
| Adjustable height: | 70-110 cm | 70-110 cm | 85-120 cm | 90-115 cm |
| Weight: | 8 kg | 12 kg | 19 kg | 10 kg |
| Load: | 20 kg | 20 kg | 25 kg | 10 kg |

- **45830 MAYO TABLE - U-SHAPE**
- **45832 MAYO TABLE - 5 spokes**

Stainless steel base with castors Ø 50 mm: 5 spokes (45832) or U-shape (45830).
Stainless steel frame and removable tray.
Adjustable height.
**Delivered in kit form.**
Made in Italy.

## BAG HOLDER TROLLEYS

45905+45910

45906+45910

- **45905 BAG HOLDER TROLLEY - 2 bags**
- **45906 BAG HOLDER TROLLEY - 3 bags**

Bag holder trolleys with pedal operated opening. Rigid, sturdy, self-supporting ABS plastic base with edges. The bag holding ring (35x25.5 cm) is made of glass reinforced nylon with a rubber gasket to hold the bag in place.Two vertical tubes made of AISI 304 stainless steel are welded to the base and carry the bag holding ring. Non marking grey rubber swivelling wheels Ø 80 mm (two with pedal operated brake).
Made in Italy.

45905+27462+27466+45910

- **45910 PUSH HANDLE**
- **27466 WRAPPING BAG - yellow strip**
- **27462 WRAPPING BAG - blue strip**
- **45908 WRAPPING BAG - green strip**

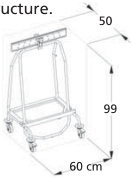
White synthetic bag with strip, washable up to 200 times.
Size 57xh 103 cm.
Made in Italy.

## SHUT BAG HOLDER

45900

- **45900 SHUT BAG HOLDER - 70 l**

Trolley suitable for carrying one 70 l bag (not included).
Stainless steel AISI 304 structure.
Equipped with swivelling castors with brake and bumpers.
For use with standard 70 l plastic bag. Can use also wrapping bag (27462, 27466, 45908)
Made in Italy.



## LAUNDRY TROLLEYS

27465 + 27462

45915

- **27464 LAUNDRY TROLLEY - painted steel**
- **27465 LAUNDRY TROLLEY - stainless steel**

These trolleys allow to collect dirty laundry while distributing clean linen at the patient bedside. Stainless steel or painted steel frame. Equipped with 4 Ø 125 mm castors (2 with brake) and 4 rubber bumpers at corners.
Size: 135x65xh 102 cm. Made in Italy.

- **27463 SIDE PANEL - painted steel**
- **27466 WRAPPING BAG - yellow strip**
- **27462 WRAPPING BAG - blue strip**

washable up to 200 times, 57xh 103 cm

27464+27462

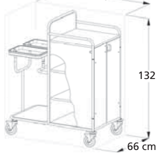
27465+27462+27463

- **45915 LAUNDRY TROLLEY - laminated**

Closed trolley with doors, 3 shelves plus top and 2 bag holders.
Laminated particle board body and stainless steel AISI 304 structure.
Equipped with swivelling castors, 2 with brake and bumpers.
Size: 110x66x132 cm. Made in Italy.

- **27462 WRAPPING BAG - blue strip**
- **27466 WRAPPING BAG - yellow strip**

White washable laundry synthetic bag with yellow or blue strip.
Size: 57xh 103 cm.
Made in Italy.



## SOILED LINEN

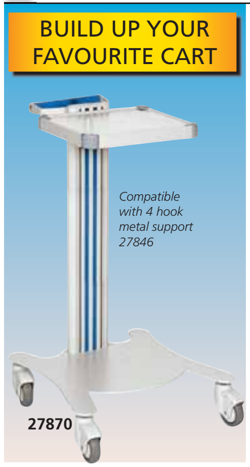
27467

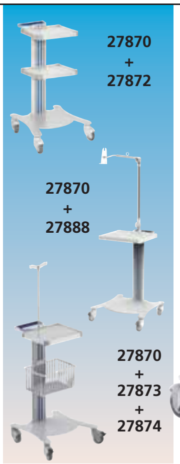
- **27467 SOILED LINEN TROLLEY**
- **27468 DOUBLE SOILED LINEN TROLLEY**

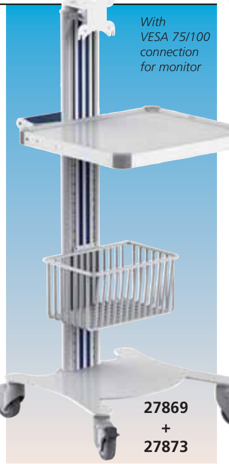
Chrome plated frame with 3 or 4 castors Ø 80 mm. Removable bag.
Size: Ø 46xh 90 cm.
Delivered in kit form.

27468

## MULTIFUNCTIONAL CARTS - MADE IN ITALY


BUILD UP YOUR FAVOURITE CART
Compatible with 4 hook metal support 27846
27870



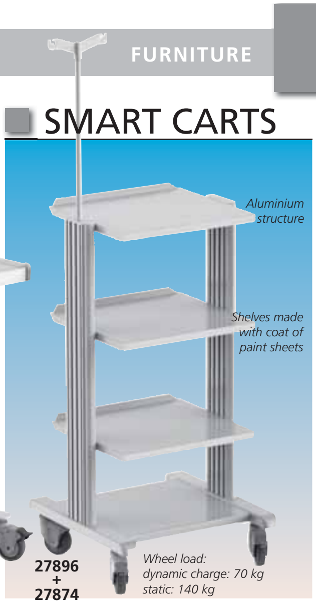


**SUPER EASY CART:** A new stylish and quality cart you can build according to your needs

| TECHNICAL SPECIFICATIONS | |
|---|---|
| Dimensions: 47x42x79 cm | |
| Shelf: 32x26 cm or 40x36 cm | |
| Load capacity: | total load 120 kg<br>shelf 10 kg |
| 4 castors Ø 80 mm(2 with brake) | |
| Material: | - extrusions in aluminium<br>- plastic parts in ABS |
| Shelf: | steel sheet epoxy powder coated |

| GIMA code | SUPER EASY CARTS - WITH HANDLE |
|---|---|
| 27870 | Cart with 1 shelf (32x26 cm) |
| 27869 | Cart with shelf (40x36 cm), monitor support |
| 27871 | Cart with large shelf (40x36 cm) |
| | ACCESSORIES for all SUPER EASY CARTS |
| 27872 | Extra shelf 32x26 cm |
| 27873 | Basket |
| 27874 | Infusion stand |
| 27875 | Extra shelf 40x36 cm |
| 27888 | Cardio arm for ECG |

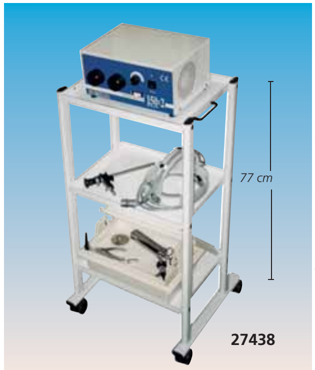
## SMART CARTS


Aluminium structure
Shelves made with coat of paint sheets
27896 + 27874
Wheel load: dynamic charge: 70 kg static: 140 kg

**SMART CART - grey/white RAL 7035**
Carts with 3, 4 or 5 wide, sturdy shelves
4 castors Ø 80 mm (2 with brake).

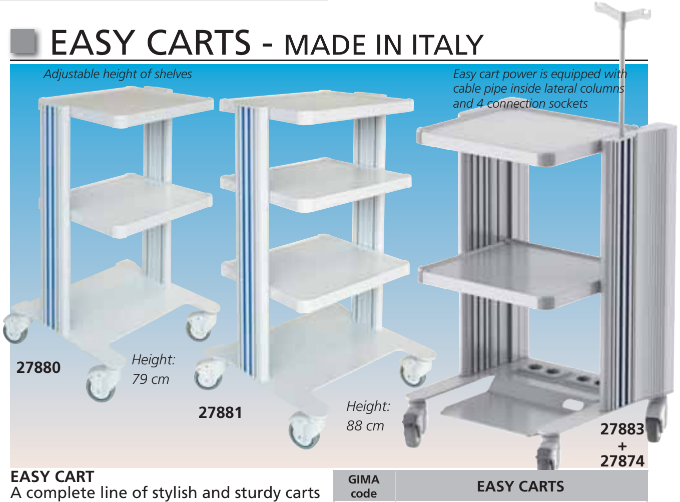
| GIMA code | SMART CARTS |
|---|---|
| 27895 | Cart h80 cm 3 shelves 40x36 cm |
| 27896 | Cart h90 cm 4 shelves 40x36 cm |
| 27897 | Cart h115 cm 5 shelves 40x36 cm |
| 27873 | Basket |
| 27874 | Infusion stand |
| 27888 | Cardio arm for ECG |

## TRIS TROLLEY



**• 27438 TRIS TROLLEY**
A practical trolley for ECG, Electrosurgical unit or any other device, with 4 nylon castors and 2 lateral handles for easy moving.
Revolving castors Ø 50 mm.
Size: 49x37xh 77 cm.
Shelf size: 40x30 cm.
Colour: RAL 9002
**Delivered in kit form.**
Made in Italy.

## EASY CARTS - MADE IN ITALY

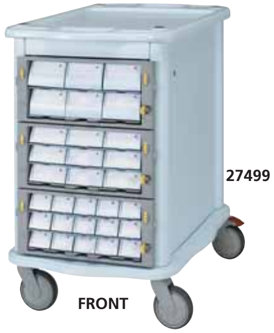

Adjustable height of shelves
Easy cart power is equipped with cable pipe inside lateral columns and 4 connection sockets
27880
Height: 79 cm
27881
Height: 88 cm
27883 + 27874

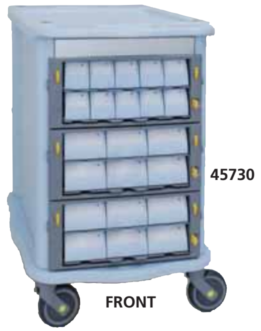
**EASY CART**
A complete line of stylish and sturdy carts with 3, 4 or 5 shelves and with power.

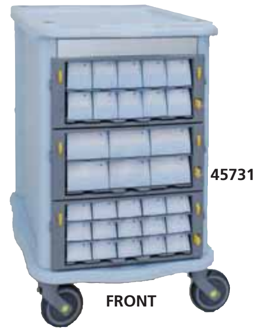
| TECHNICAL SPECIFICATIONS | |
|---|---|
| Dimensions (WxDxH): | 50x45x79/88/112 cm |
| Load capacity: | total load 140 kg<br>shelf 25 kg |
| Shelves: | 40x36 cm |
| 4 castors Ø 80 mm (2 with brake) | |
| Material: | - vertical aluminium extrusions<br>- plastic parts in ABS |
| Shelf: | steel sheet epoxy powder coated |

| GIMA code | EASY CARTS |
|---|---|
| 27880 | Cart h79 cm 3 shelves 40x36 cm |
| 27881 | Cart h88 cm 4 shelves 40x36 cm |
| 27882 | Cart h112 cm 5 shelves 40x36 cm |
| 27883 | Cart power h79 cm 3 shelves 40x36 |
| | ACCESSORIES EASY CARTS |
| 27873 | Basket 30x16xh 14.5 cm |
| 27874 | Infusion stand |
| 27884 | Extra shelf 40x36 cm |
| 27888 | Cardio arm for ECG |

## DOUBLE FACE PHARMACY TROLLEY - MADE IN ITALY







**• 27499 DOUBLE FACE PHARMACY TROLLEY - 3 large, 30 small drawers**
Two trolleys in one: 3 large drawers on one side, 30 (6+9+15) monodose cassettes on other side; with locking system.
Size of cassettes:
- 6 cassettes 115x290xh 75 mm
- 9 cassettes 115x290xh 45 mm
- 15 cassettes 70x290xh 45 mm

Size of trolley: 920x590xh 810 mm
Provided with 4 revolving castors Ø 125 mm (3 with brake, 1 of trolley, antistatic).

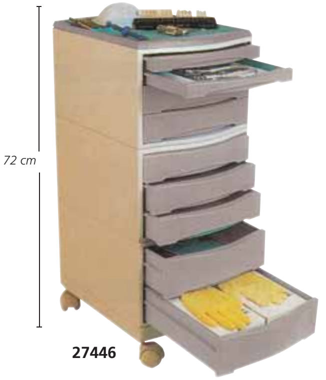
**• 45730 DOUBLE FACE PHARMACY TROLLEY - 3 large, 22 small drawers**
Two trolleys in one: 3 large drawers on one side, 22 (6+6+10) monodose cassettes on other side; with locking system.
Size of cassettes:
- 6 cassettes 115x290xh 75 mm
- 10 cassettes 115x290xh 45 mm

Size of trolley: 920x590xh 810 mm
Provided with 4 revolving castors Ø 125 mm (3 with brake, 1 of trolley, antistatic).

**• 45731 DOUBLE FACE PHARMACY TROLLEY - 62 small drawers**
Two trolleys in one: 31 (6+10+15) monodose cassettes on both sides; with locking system.
Size of cassettes:
- 6 cassettes 115x290xh 75 mm
- 10 cassettes 115x290xh 45 mm
- 15 cassettes 70x290xh 45 mm

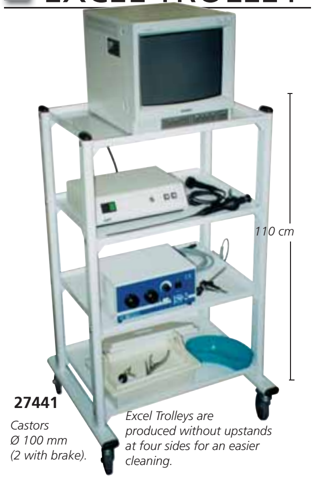
Size of trolley: 920x590xh 810 mm
Provided with 4 revolving castors Ø 125 mm (3 with brake, 1 of trolley, antistatic).

## DOCTOR TROLLEY



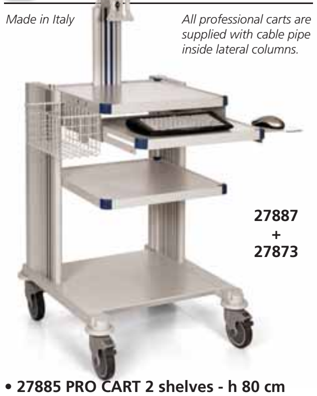
**• 27446 DOCTOR TROLLEY**
Useful trolley made of plastic material (ABS) provided with 9 drawers of different sizes.
Height of drawers: two 8.5, five 5.5, two 2.7 cm. Size: 38x30xh 72 cm.
Made in Europe.

## EXCEL TROLLEY


110 cm
27441
Castors Ø 100 mm (2 with brake).
Excel Trolleys are produced without upstands at four sides for an easier cleaning.

**• 27440 EXCEL TROLLEY - 3 shelves (60x45cm)** Size: 67x69xh 80 cm.
**• 27441 EXCEL TROLLEY - 4 shelves (60x45cm)** Size: 67x69xh 110 cm.
Maximum load: 80kg
**Delivered in kit form.** Made in Italy.

## PROFESSIONAL KARTS


Made in Italy
All professional carts are supplied with cable pipe inside lateral columns.
27887 + 27873

**• 27885 PRO CART 2 shelves - h 80 cm**
**• 27887 PRO CART 2 + keyboard, monitor support**
**• 27883 BASKET**
**• 27884 INFUSION STAND**

| TECHNICAL SPECIFICATIONS | | |
|---|---|---|
| Load capacity: | - total load 240kg | - shelf 35kg |
| Base: | 60.8x50 cm | |
| Shelves: | 2 shelves 50x50 cm + base | |
| Material: | - vertical extrusions in aluminium<br>- plastic parts in ABS | |
| Made in Italy | | |

## DRUGS & MEDICINE TROLLEYS - MADE IN ITALY

27495

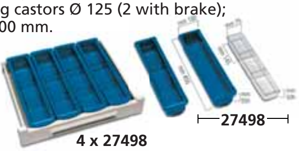
27497

27494

- **27494 PHARMACY TROLLEY - small with 15 3-compartment partition**
- **27495 PHARMACY-TROLLEY - standard with 20 3-compartment partition**
- **27497 PHARMACY TROLLEY - large with 30 3-compartment partition**

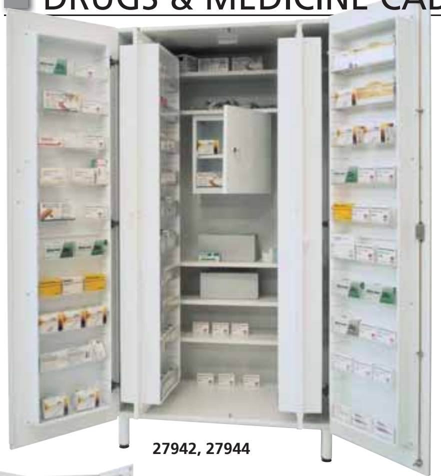
A portable pharmacy, allowing to manage daily or weekly treatment of patients, with 15/20/30 3 compartments small drawers for easy drug storage (45-60-90 spaces).
Painted steel frame, technopolimer surface and panels.
Can be completely closed by safety key lock.
Provided with 4 revolving castors Ø 125 (2 with brake);
Size 820/1150x640xh 1,000 mm.

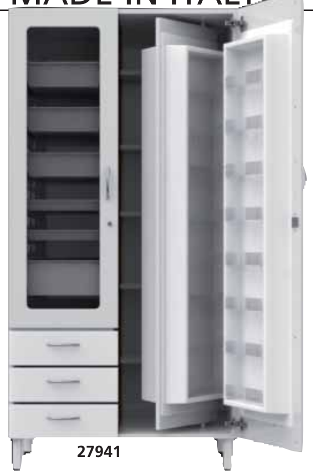
- **27498 PARTITION - 3 compartments - spare**


4 x 27498

27498

## DRUGS & MEDICINE CABINETS - MADE IN ITALY


27942, 27944


27941

**MEDICINE CABINETS 100x60xh 195 cm**
**With drugs compartment, 48 medicine compartments and 5 adjustable shelves**
- made in bilaminated board (27944/5) or melamine board (27942) 20 mm thick
- epoxy powder painted steel base frame with 4 adjustable feet Ø 50 mm
- 2 external lockable doors turning through 180° with 8 medicine compartments each (extendable to 10 compartments)
- perimetrical anti-dust gaskets
- inside 2 containers with 8 medicine compartments each side (extendable to 10 compartments) turning through 90°
- dangerous drugs compartment provided with lock

| GIMA code | MEDICINE CABINET | Material | Colour |
|---|---|---|---|
| **27942** | Medicine cabinet | melamine particle board | white |
| **27944** | Medicine cabinet | bi-laminated board | white |
| **27945** | Medicine cabinet | bi-laminated board | any colour* |
| **27946** | Compartment for medicine | | |

| **Colours:** | 412 | 431 | 441 | 452 | 482 | 484 | 499 | 854 | 861 | 1818 |
|---|---|---|---|---|---|---|---|---|---|---|

*You have to indicate requested colour with order. Available in 30 days*

- **27941 COMBO MEDICINE CABINETS With 24 medicine compartments one side and 6 ISO tray 1 shelf and 3 drawers other side**

- made in bilaminated board 20 mm thick
- epoxy powder painted steel base frame with 4 adjustable feet Ø 50 mm

**Right side**
- 1 external lockable door turning through 180° with 8 medicine compartments each (extendable to 10 compartments)
- perimetrical anti-dust gaskets
- inside 1 container with 8 medicine compartments each side (extendable to 10 compartments) turning through 90° provided with lock

**Left side**
- glass door, internal side with runners for ISO trays
- 3 drawers on the bottom

Supplied with 6 ISO trays different heights (2xh 5 cm, 3xh 10 cm and 1xh 20 cm) and 1 shelf.

- **27946 COMPARTMENT FOR MEDICINE - spare**

## MULTI-FUNCTIONAL TROLLEYS: BASIC AND DRESSING

**MULTIFUNCTIONAL TROLLEYS: BASIC - DRESSING**
These multifunctional professional trolleys have painted steel structure and external plastic finishing. Basic and Dressing are available in 3 different sizes (small, standard, medium). Provided with 4, 8 or 9 drawers, one lateral basket and one extra lateral table. Four swivelling rubber castors Ø 125 mm (2 with brake).
Made in Italy.

**BASIC**

45702
Standard

27476
Standard

27477
Small

**BASIC TROLLEY - 3 sizes**
Standard version without accessories

**DRESSING**

27481
Standard

45701
Small

27484
Medium

*Partitions are removable*

**DIVIDER KIT** - size: 20/35/50x43xh 7 cm
- **27470 KIT for drawer 30 cm - 8 comparts**
- **27471 KIT for drawer 45 cm - 20 comparts**
- **27472 KIT for drawer 60 cm - 25 comparts**

**DRESSING TROLLEY - 3 sizes**
Same as Basic, but equipped with instrument tray and upper dispenser (10 tilting bins).

| BASIC | | DRESSING | | Size Type | Size of trolley (cm) (without accessories) | Number of drawers | Size of drawers cm | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Yellow | Blue | Yellow | Blue | | | | 45x48xh13 | 45x48xh27 | 60x48xh13 | 60x48xh27 | 30x48xh13 | 30x48xh27 |
| **27477** | **45700** | **27478** | **45701** | Small | 67x64xh 100 | 4 | 3 | 1 | - | - | - | - |
| **27480** | **45702** | **27481** | **45703** | Standard | 82x64xh 100 | 4 | - | - | 3 | 1 | - | - |
| **27476** | **45704** | - | - | Standard | 82x64xh 100 | 9 | - | - | - | - | 8 | 1 |
| **27483** | - | **27484** | - | Medium | 102x64xh 100 | 8 | 3 | 1 | - | - | 3 | 1 |
| **27486** | - | - | - | Large | 115x64xh 100 | 8 | - | - | 3 | 1 | 3 | 1 |

## RECORD HOLDERS AND X-RAY FILM HOLDERS TROLLEYS

*For 25+25 file racks (not included)*
27492

*Keeps 25 file racks (not included)*
27491

*Keeps 40 file racks (not included)*
*Sliding up*
27490

27488

*Compartment dimension 30x440xh z375 mm*
27489

- **27490 RECORD HOLDERS TROLLEY - sliding top**
- **27491 RECORD HOLDERS TROLLEY**
- **27492 RECORD HOLDERS TROLLEY - 2 large drawers**

Record trolleys are designed to hold clinical reports in A3/A4 format or specific format. Frame in epoxy painted steel, working surface and panels in technopolimer plastic. Equipped with 4 Ø 125 mm swivelling rubber castors (2 with brake).
Bumpers around the perimeter. Made in Italy.
Size: 820x640xh 1,000 mm (code 27491 and 27490)
820x640xh 1,150 mm (code 27492).

- **27493 FILE RACK A3 special**

- **27488 X-RAY FILM HOLDER**

This trolley has 32 extractable compartments, a wide top surface, 4 side document holders, and a sliding out writing surface. Frame in painted steel with sliding-in bilaminated doors with a 270° opening.
Base and lateral cabinets are made in technopolimer material.
Equipped with 4 Ø 125 mm swivelling rubber castors (2 with brake).
Size 820x640xh 1, 200 mm. Made in Italy.

- **27489 COMBO FILES AND X-RAY FILM HOLDER**

Same as above, but with 15 X-ray compartments and drawer that holds up to 25 files (not included).

## EMERGENCY TROLLEYS

**EMERGENCY TROLLEYS - small and standard**

Professional trolley with painted steel structure and external plastic finish equipped with 4 drawers, one lateral waste container, one extra lateral table, I.V. stand, defibrillator holder (plexiglass tray), oxygen holder up to 5 litres (back), 2 antistatic rubber castors.

- **27479 EMERGENCY TROLLEY - small 67x64xh 100 cm**
- **27471 DIVIDER KIT for 27479 (drawer 45 cm)**
- **27482 EMERGENCY TROLLEY - standard 82x64xh 100 cm**
- **27472 DIVIDER KIT for 27482 (drawer 60 cm)**

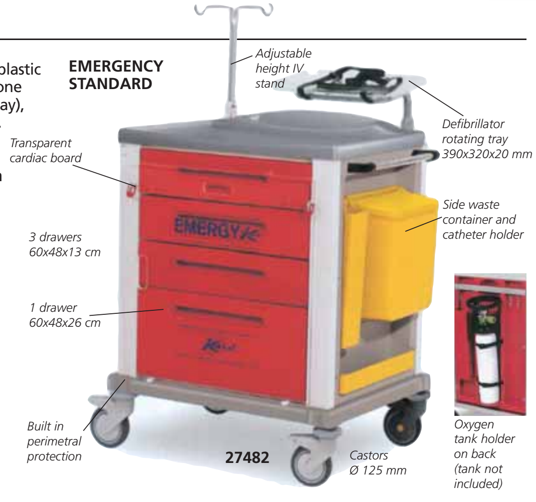
**DISPOSABLE SEALS**

- **27473 DISPOSABLE SEALS - box of 100**
- **27474 DISPOSABLE NUMBERED SEALS - box of 100**

**EMERGENCY SMALL**

**27479**

**EMERGENCY STANDARD**


Adjustable height IV stand
Defibrillator rotating tray 390x320x20 mm
Transparent cardiac board
Side waste container and catheter holder
3 drawers 60x48x13 cm
1 drawer 60x48x26 cm
Built in perimetral protection
Castors Ø 125 mm
Oxygen tank holder on back (tank not included)

**27482**

## KS MULTIFUNCTIONAL TROLLEYS

**MULTIFUNCTIONAL TROLLEYS: BASIC, DRESSING, EMERGENCY**

Professional trolleys in 2 sizes (small and standard) and 3 models (Basic, Dressing and Emergency).
- antimicrobial epoxy painted body with seal lock (Emergency) or key lock (Basic and Dressing)
- top surface with 4-sided rim
- top surface with built-in compartment
- ball-bearing full-extension sliding drawer with self-closing system
- built-in handle
- 4 swivellling castors Ø 125 mm - 2 antistatic (only 45688/9) and with brake
- lateral waste container 15 l with lid and catheter holder (Dressing and Basic only)
- size: small 760x714xh 1,022 mm
standard 911x704xh 1,075 mm

Lateral side with waste container 15 l with lid and catheter holder

**45680**

**45681**

2 small drawers: 600xh 75 mm
2 medium drawers: 600xh 151 mm
1 large drawer: 600xh 228 mm

**45684**

3 medium drawers: 450xh 151 mm
1 large drawer: 450xh 228 mm

**45685**

Back with large oxygen tank compartment and stainless steel holding rail with hooks

Lateral side with waste containers 15 l with lid

**45689**

Height adjustable I.V. pole with 2 hooks
Defibrillator/monitor rotating tray
Writing surface
Lateral container unit with 4 supply trays

**45689**

2 small drawers: 600xh 75 mm
2 medium drawers: 600xh 151 mm
1 large drawer: 600xh 228 mm

- **45680 BASIC TROLLEY - small**
- **45681 BASIC TROLLEY - standard**

- **45684 DRESSING TROLLEY - small**
- **45685 DRESSING TROLLEY - standard**

Dressing trolley is supplied with upper dispenser (10 tilting bins).

- **45688 EMERGENCY TROLLEY - small**
- **45689 EMERGENCY TROLLEY - standard**

Emergency trolley is supplied with rotating defibrillator/monitor tray, height adjustable I.V. pole with 2 hooks.

## AURION MULTIFUNCTIONAL TROLLEYS - TOP QUALITY

**AURION TROLLEYS**

A multifunctional and revolutionary line of carts with innovative design, superior quality and complete accessories.

**Made in Baydur® polyurethane**

Baydur® Polyurethane is a high performance material that combines the best characteristics of plastics and metals. Light, sturdy, high resistance to scratching and impact. Resistant to UV rays. Chemical inert, doesn't react to acids, organic and inorganic, alkali and solvents (DIN 68861/1).

Fire resistant, self-extinguishing (Class I, UL94 V-O). Non-toxic, in case of combustion it doesn't produce dioxin.

**Well-designed**

The Aurion trolleys are ergonomic, modular, highly customizable and upgradable over the years. The handles are moulded and integrated into the body as well as the worktop that has large surface and perimetrical anti-drip containing rim. Every drawer is equipped with a label holder.

**Easy to move**

Lightweight structure combined with the high quality non-marking and anti corrosion castors. Every wheel is mounted on ball bearings with sealed lubrification (2 per wheel), 3 with brake, 1 antistatic.

**Hygienic and safe**

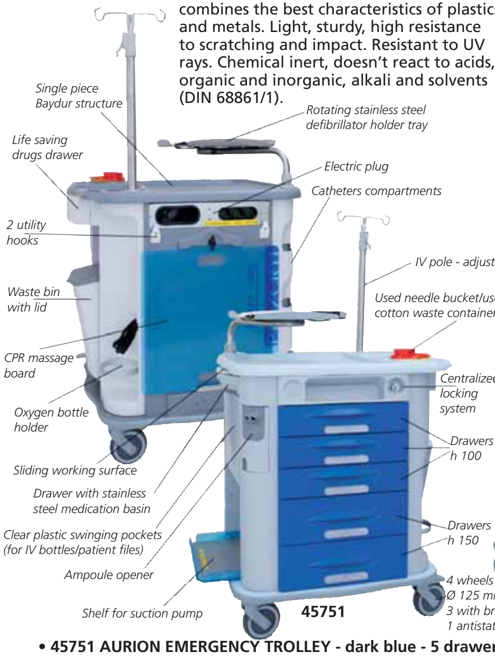
The smoothly shaped design, without edges, guarantees safety to the user and avoids dirty and bacterial accumulation points. Easy to clean and disinfect also with aggressive detergents.

**Safe and secure**

All-around soft rubber bumper help to avoid damages to hospital staff, patients, objects or to the trolley itself.

Central locking device with key (45740-45746) or with seal (45750-45751).

Size 775x710xh 920 mm


Single piece Baydur structure
Rotating stainless steel defibrillator holder tray
Life saving drugs drawer
Electric plug
Catheters compartments
2 utility hooks
IV pole - adjustable
Waste bin with lid
Used needle bucket/used cotton waste container
CPR massage board
Centralized locking system
Oxygen bottle holder
Drawers h 100
Sliding working surface
Drawer with stainless steel medication basin
Drawers h 150
Clear plastic swinging pockets (for IV bottles/patient files)
Ampoule opener
4 wheels Ø 125 mm, 3 with brake, 1 antistatic
Shelf for suction pump

**45751**

**45750**

**45755**

- **45751 AURION EMERGENCY TROLLEY - dark blue - 5 drawers**
- **45750 AURION EMERGENCY TROLLEY - red - 4 drawers**

**with IV stand, defibrillator tray, suction unit shelf (45751 only), CPR massage board, electric plug (45751 only).**

- **45755 AURION AMAGNETIC TROLLEY - yellow - 5 drawers with amagnetic wheels, without locking system**

**45740**

**45741**

**45744**

**45746**

- **45740 AURION THERAPY TROLLEY - green - 4 drawers**
- **45741 AURION THERAPY TROLLEY - light blue - 5 drawers**

**with IV stand (45751 only), upper drawers, bin (45741 only)**

- **45744 AURION DRESSING TROLLEY - blue - 5 drawers**
- **45746 AURION MONODOSE TROLLEY - brown - 2 drawers**

**+ 2 monodose cassettes (10 small drawers each)**

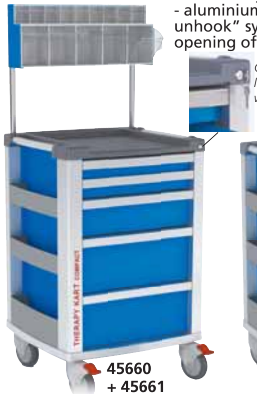
# MULTIFUNCTIONAL AND EMERGENCY KARTS

**MULTIFUNCTIONAL KARTS**
High quality aluminium multifunctional and emergency carts with superior features.

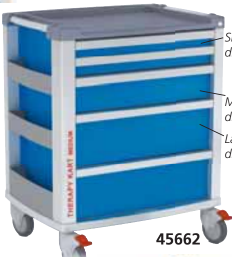
- work-top in high performance copolymer, with perimetric edge for liquid containment
- extruded aluminium frame, with superficial silver antioxidant treatment offering more lightness, resistance and reliability
- ergonomic stainless steel handles, fitted on both sides for easy handling
- drawer structure built in steel sheets, epoxy powder coated
- full pull-out sliding drawers
- interchangeable drawer position
- aluminium drawer handle with "hook/unhook" system to prevent accidental opening of drawers
- high drawers capacity: 20 kg (35 kg for drawer h-200-283 mm)
- centralized locking system with front key or single use seals (emergency karts only)
- 6 integrated side pockets (3+3) to hold bottles or small items
- swivelling wheels Ø 125 mm (two with brake) in thermoplastic rubber with threadguards, hub on precision ball bearings.

**TECHNICAL SPECIFICATIONS**

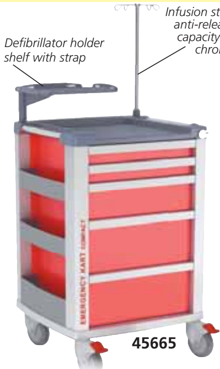
| Frame size: | | | |
|---|---|---|---|
| | **COMPACT**: 654x605xh 975 mm | | |
| | **MEDIUM:** 804x616xh 975 mm | | |
| **Drawer size Compact/Medium:** | | Front width/height | Inner sizes |
| small | h1= 1/10 | 490/640xh 64 mm | 432/582x448xh 58 mm |
| medium | h2= 2/10 | 490/640xh 137 mm | 432/582x448xh 131 mm |
| large | h3= 3/10 | 490/640xh 210 mm | 432/582x448xh 204 mm |
| folder holders | h4= 4/10 | 490/640xh 283 mm | 432/582x448xh 270 mm |



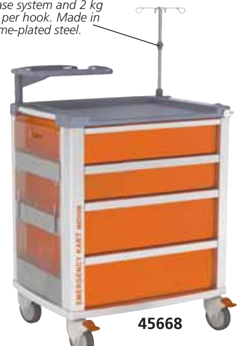
45660
+ 45661



45662


Defibrillator holder shelf with strap
Infusion stand holder has safety anti-release system and 2 kg capacity per hook. Made in chrome-plated steel.
EMERGENCY KART COMPACT

45665



45668

- **45660 COMPACT KART - 5 drawers - blue**

Size: 634x605xh 975 mm

- **45661 UPPER DRAWERS (9+5) - blue for 45660**
- **45662 MEDIUM KART - 5 drawers - blue**

Size:804x616xh 975 mm

- **45663 UPPER DRAWERS* (9+5) - blue for 45662**

**Included support for glove box*

- **45677 PARTITION KIT** for compact kart drawers h2/h3

45677

- **45665 EMERGENCY COMPACT KART - 5 drawers - red**
- **45666 EMERGENCY COMPACT KART - 4 drawers - orange**

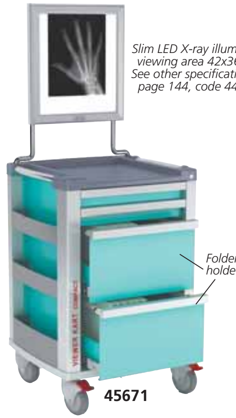
Size: 654x605xh 975 mm

- **45667 EMERGENCY MEDIUM KART - 5 drawers - red**
- **45668 EMERGENCY MEDIUM KART - 4 drawers - orange**

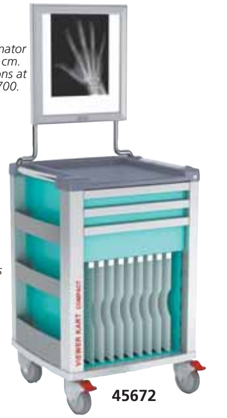
Size: 804x616xh 975 mm
Supplied with infusion stand holder 4 hooks, defibrillator holder tray, cylinder holder (double for 45667/8) and CPR board (only 45666/8).

- **27473 DISPOSABLE SEALS - box of 100**
- **27474 DISPOSABLE NUMBERED SEALS - box of 100**

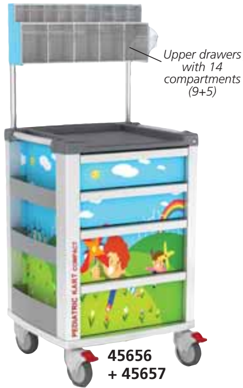
45666


Slim LED X-ray illuminator viewing area 42x36 cm. See other specifications at page 144, code 44700.
Folder holders
VIEWER KART COMPACT

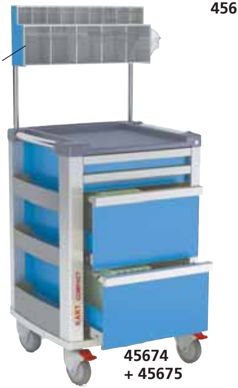
45671



45672



45656
+ 45657



45674
+ 45675

- **45671 VIEWER KART**

Compact kart with slim LED viewer, 2 small drawers and 2 folder holders.

- **45678 HANGING FILE FOLDERS***
- **45672 VIEWER KART 2**

Compact kart with slim LED viewer, 2 small and 1 medium drawers, 10 compartments for folders (44x48xh 43,8 cm).

- **45656 PEDIATRIC KART**

Pediatric compact kart with 2 medium and 2 large drawers.

- **45657 UPPER DRAWERS (9+5)**
- **45674 MULTIPURPOSE KART**

Compact kart with 2 small drawers and 2 folder holders.

- **45675 UPPER DRAWERS (9+5)**
- **45678 HANGING FILE FOLDERS***

- **45650 PERSONALIZED KART: CONFIGURATE YOUR KART SELECTING COLOUR, DRAWERS AND MODEL - available in 45 days**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Available drawers | Small<br>1/10 h | Medium<br>2/10 h | Large<br>3/10 h | Folder holder<br>4/10 h | | | |
| Available colours | Red<br>RAL3020 | Orange<br>RAL2004 | Turquoise<br>RAL5018 | Blue<br>RAL5010 | Ceil blue<br>RAL5012 | Green<br>RAL6018 | Yellow<br>RAL1021 |

You can choose your drawers considering:
- interchangeable position of drawers
- sum of selected drawers should be 10/10 h

* Box of 25 hanging file folders 365 x 240 mm

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# PAINTED OR STAINLESS STEEL MODULAR TROLLEYS SYSTEM

45601

45600

45602

45603

45622

45621

45623

45620

**MODULAR TROLLEYS SYSTEM**
Modular trolleys made of painted steel or stainless steel, one-piece structure, with wide technopolymer plastic worktop with borders on 3 sides to be cleaned easily, no sharp corners, ergonomic tubular push-handle.
Different drawers (small-yellow, medium-blue, large-red), depending on model, with epoxy painted panels and integrated handle grip, silent sliding with end-run block. Possibility to remove the drawers from the guides for an easy cleaning and disinfection. Central lock key.
Overall bumpers and 4 antistatic 125 mm castors, 2 with brakes. Size: 67x63x104 cm. Weight: 53 kg.
Made in Italy.
**Personalization for minimum 10 pcs: drawers in your colour.**

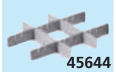
| Painted | Stainless steel | TROLLEYS |
|---|---|---|
| **45600** | **45620** | Trolley with 7 small drawers |
| **45601** | **45621** | Trolley with 1 small, 3 medium drawers |
| **45602** | **45622** | Trolley with 2 small, 1 medium, 1 large drawers |
| **45603** | **45623** | Trolley with 1 small drawer, 1 compartment with shelf |
| **45604** | **45624** | Trolley with 2 medium, 1 large drawer |

| ACCESSORIES FOR ALL MODULAR SYSTEM TROLLEYS | |
|---|---|
| **45640** | IV stand |
| **45641** | Upper drawers (5 medium + 4 large) |
| **45644** | Partition h 4 cm for yellow drawer (49x48x10 cm) |
| **45645** | Partition h 14 cm for blue drawer (49x48x20 cm) |
| **45646** | Partition h 20 cm for red drawer (49x48x30 cm) |

45604

45640

45641



45644

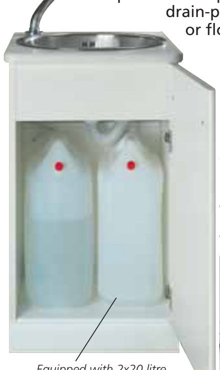
45645

45646

# WASH-BASIN - PUMP

- **45410 WASH-BASIN PUMP SYSTEM - white**

Automatic wash-basin with round bowl in satin stainless steel, non-connected to the water mains. The system ensures the availability of water when it is expensive or impossible to lay drain-pipes in the walls or floors.

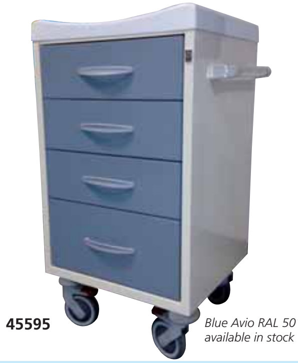


*Dimensions: 47x54xh 86 cm*

*It only requires a 230V power socket: the low voltage transformer (12V) drives a pump for supplying water by a simple pressure of the foot on the base.*

*Equipped with 2x20 litre tanks for water supply and drain*

# UTILITY TROLLEY



45595

*Blue Avio RAL 5014 available in stock*

- **45595 UTILITY TROLLEY - blue avio**
- **45597 UTILITY TROLLEY - other colours***

| | | | | |
|---|---|---|---|---|
| RAL<br>5010 | RAL<br>2003 | RAL<br>6019 | RAL<br>1013 | RAL<br>3020 |

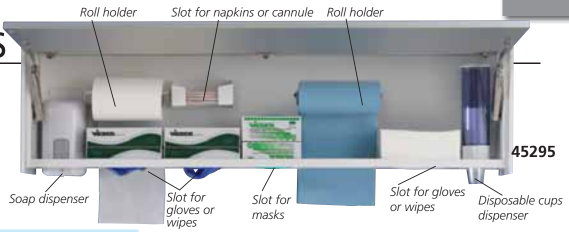
**Available in 30 days. Minimum order 5 pcs.*

Smart and strong steel structure painted with epoxy powder.
Technopolymer plastic one-piece top with border, without sharp corners, with compartment for accessories.
Ergonomic push handle.
3 medium drawers 45.1x48.5xh 15 cm and 1 large drawer 45x49.5xh 22.5 cm with silent sliding and end-run block.
Central lock key. Size: 60x50xh 100 cm
Overall bumpers and 4 antistatic 125 mm swivelling castors, 2 with brake.
Made in Italy.

**45597** *Utility trolleys other colours available in 30 days*

# MULTI-PURPOSE WALL UNITS

Multi-purpose wall unit to organize dispensers of disposable products. All components and slots are modular and can be organized to match professional user needs. Available in 2 sizes: standard (103x20xh 40 cm) and large (153x20xh 40 cm) and 8 colours. Melamine particle board door with vertical opening. Supplied with automatic soap dispenser, cups dispenser and 5 (standard) or 7 (large) slots.



| STANDARD ACCESSORIES | 45290<br>45293 | 45295<br>45298 |
|---|---|---|
| Dispenser for disposable cups | 1 | 1 |
| Automatic soap dispenser | 1 | 1 |
| Slot for gloves or wipes | 2 | 3 |
| Slot for masks | 1 | 1 |
| Slot for napkins or cannula | - | 1 |
| Roll holder | 2 | 2 |

**MULTIFUNCTIONAL WALL UNITS**

| Model | white | light blue | grey | oyster white | yellow | blue | green | orange |
|---|---|---|---|---|---|---|---|---|
| Standard | 45290 | ← | | | 45293* | | | → |
| Large | 45295 | ← | | | 45298* | | | → |

*Available in 60 days, please specify colour with order

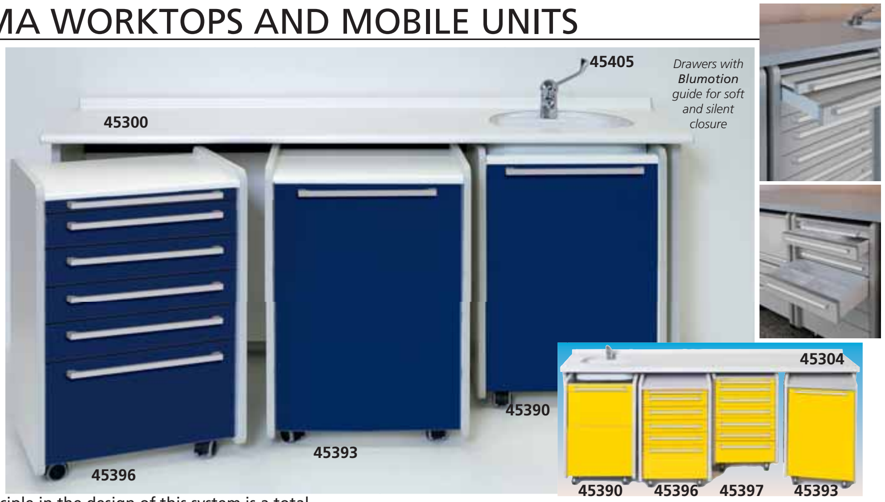
# GIMA WORKTOPS AND MOBILE UNITS

45401

45402

45403

45405

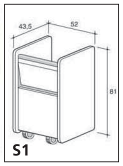


The key principle in the design of this system is a total separation of the work surface (fixed) from the mobile units. The worktop set in a fixed position allows to bring together all electric and electronic wiring, as well as plumbing and water-pipes into a single location. The work surface remains free to place instruments and electric appliances, can incorporate a sink and serves as a desk. All mobile containers have wheels and are the dynamic part of the system. They can be easily placed under the work surface, or moved by the user wherever needed in the working environment. Units are interchangeable and can be freely moved between rooms. Work surfaces are made in a waterproof material covered with a high-quality melamine particle board, which ensures long durability, scratch and wear resistance. A range of 4 containers, in 8 different colours with ergonomic full-length handles. Made in Italy.

| GIMA code | STANDARD WORKTOPS - WHITE |
|---|---|
| 45300 | Worktop 180 cm - right washbasin |
| 45301 | Worktop 180 cm - left washbasin |
| 45302 | Worktop 180 cm - without washbasin |
| 45303 | Worktop 232 cm - right washbasin |
| 45304 | Worktop 232 cm - left washbasin |
| 45305 | Worktop 232 cm - without washbasin |

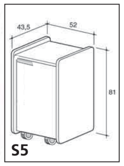
| GIMA code | ACCESSORIES |
|---|---|
| 45401 | Tray 33x43.5xh6.5 cm |
| 45402 | 3-compartment tray 33x43.5xh6.5 cm |
| 45403 | 11-compartment tray 33x43.5xh6.5 cm |
| 45405 | Chromed mixer tap |

45390



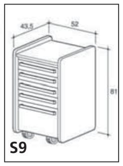
S1

45363



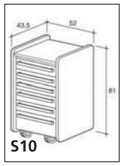
S5

45356



S9

45397



S10

**MOBILE UNITS**

| Model | white | light blue | grey | oyster white | yellow | blue | green | orange |
|---|---|---|---|---|---|---|---|---|
| S1 | 45350 | 45360 | ← | | 45390* | | | → |
| S5 | 45353 | 45363 | ← | | 45393* | | | → |
| S9 | 45356 | 45366 | ← | | 45396* | | | → |
| S10 | 45357 | 45367 | ← | | 45397* | | | → |

*Available in 60 days, please specify colour with order

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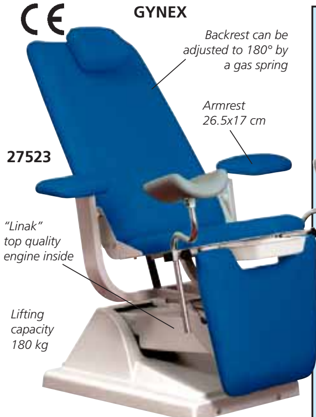
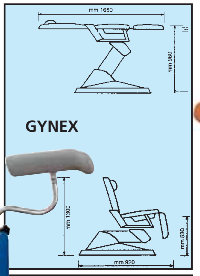
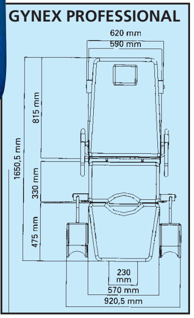
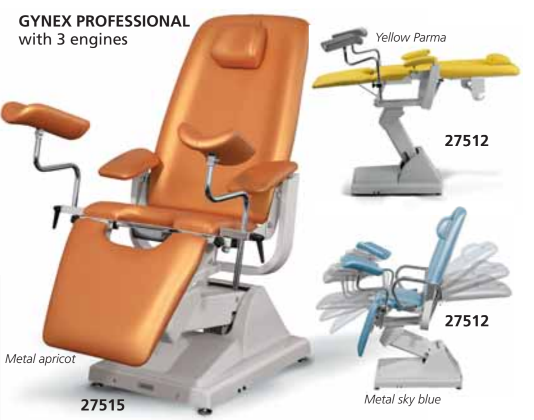
# 1 OR 3 ENGINES GYNAECOLOGICAL CHAIRS AND STOOLS


GYNEX
Backrest can be adjusted to 180° by a gas spring
Armrest 26.5x17 cm
27523
"Linak" top quality engine inside
Lifting capacity 180 kg







## GYNEX - GYNAECOLOGICAL CHAIR

GYNEX: a chair offering a unique combination of functional, aesthetic and working characteristic.
Thanks to its self-balancing seat and backrest, GYNEX can be adjusted to any build for the greatest patient comfort. The chair is provided with an electromechanical lifting device, having a power supply at 24 V. The electric actuators enable the movement up and down from 57 cm off the floor ("0" position) up to a maximum of 96 cm. The backrest is supplied with adjustable headrest and paper roll holder. The legrest can be indipendently adjusted and it has an automatic-locking device.
The chair can be flattened to a bed position for examination activity, the armrest can be removed and independently oriented. The electric control of the chair for upright position is operated by means of a foot pedal.
Made in Italy.

**TECHNICAL SPECIFICATIONS**

| | GYNEX | GYNEX PROFESSIONAL |
|---|---|---|
| Power supply tension: | 230V - 50 Hz (110V - 60 Hz on request) | |
| Motor tension: | 24 V | 24 V |
| Lifting motor push: | 6,000 N | 6,000 N |
| Backrest push: | 800 N (gas spring) | 2,500 N (motor) |
| Legrest motor push: | - | 2,500 N |
| Lifting capacity: | 180 kg | 180 kg |
| Maximum power: | 90 VA | 90 VA |
| Fuses protection: | 1.6 A | 1.6 A |

**GYNEX CHAIRS AND STOOLS**

| | Light blue Parigi | Green Toronto | Blue Chicago | Orange Rotterdam | Metal Apricot | Metal Sea blue | Colour on request |
|---|---|---|---|---|---|---|---|
| Gynex professional | 27514 | 27512** | 27513 | 27512** | 27515 | 27512** | 27512** |
| Gynex | 27521 | 27522 | 27523 | 27524 | 27525 | 27526 | 27520** |
| Stool with ring | 27531 | 27532 | 27533 | 27534 | 27535 | 27536 | 27530** |
| Stool without ring | 27527 | ← | | 27528** | | | → |

**Available in 60 days, specify colour with order

**COLOUR ON REQUEST: CLASSIC COLOURS**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| White Helsinki | Beige Roma | Beige Tunisi | Brown Perugia | Yellow Parma | Orange Praga | Red Mosca | Pink Malaga | Bordeaux Bangkok |
| Green New Delhi | Green David | Green Melbourne | Green Irlanda | Green Honolulu | Green Caracas | Violet Nizza | Violet Ankara | Light blue Palm beach |
| Blue Berna | Blue Baltico | Blue Anversa | Grey Oslo | Grey Amburgo | Grey Londra | Black Odessa | | |

**COLOUR ON REQUEST: METALLIC COLOURS**

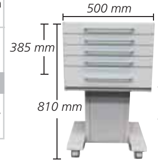
| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Metal Ice | Metal Silver | Metal Bronze | Metal Gold | Metal Lemon | Metal Red | Metal Sky Blue | Metal Blue | Metal Dust Grey |

## GYNEX PROFESSIONAL - GYNAECOLOGICAL CHAIR

Gynex professional chair offers functionality, aesthetics, ergonomics. It can satisfy all patient and user needs for a professional gynaecologic visit. Gynex professional is provided with versatile accessories: back paper-roll dispenser, metal basin, leg-supports. 3 engines allow, in addition to lifting, electric backrest and legrest movements. The combined movement of backrest and seat by means of self-balancing system (operated by a silent low tension actuator of 2,500 N) grants maximum comfort to the patient. The padded and pelted armrests allow a relaxing protecting sitting position, armrests are individually revolving and removable. Backrest is provided with removable height-adjustable headrest. The wide and soft backrest has independent adjustment movement through silent low tension actuator. This chair is moved by a silent low tension engine which allows a vertical excursion of 40 cm from zero position. The electrical drives are controlled by an ergonomic hand switch control, connected to the chair by a cable. Gynex professional can be easily transformed into an examination bed (horizontal position).
Made in Italy.

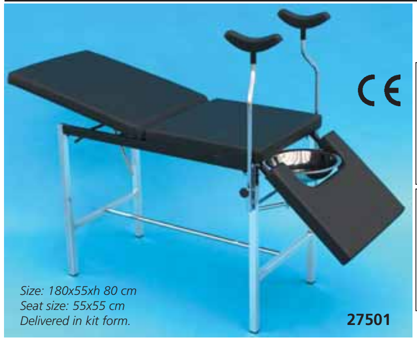
| STANDARD ACCESSORIES | GYNEX | GYNEX PROFESSIONAL |
|---|---|---|
| Poliuretane leg-rest | • | |
| Padded leg-rest (colour coordinated) | | • |
| Paper-roll holder | • | • |
| Basin | • (plastic) | • (metal) |
| Remote control | | • |

**STOOL - with or without ring**
For professional use, completely built in stainless steel, 360° pivoting self-braking castors, rubber-tyred. Height can be comfortably adjusted by means of a gas pump; back-rest is 180° revolving and depth-adjustable. Seat is balanced density padded and Peltex-lined. Made in Italy.



**• 27518 WORK STATION SW2**
- steel structure, painted with epossidic powder
- 4 antistatic pivoting wheels
Made in Italy.

# GYNAECOLOGICAL AND DELIVERY BEDS


Size: 180x55xh 80 cm
Seat size: 55x55 cm
Delivered in kit form.
**27501**

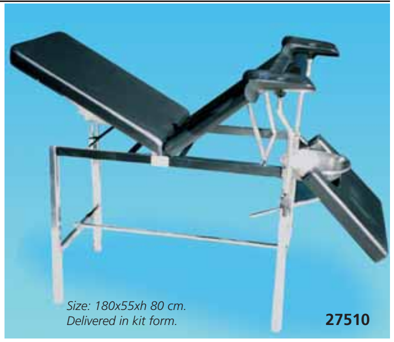
Standard leg holders

**27503**

Quality leg holders

**27504**

Standard and quality leg holders have 360° rotation


Size: 180x55xh 80 cm.
Delivered in kit form.
**27510**

- **27500 DELUXE GYN BED - quality leg holders**
- **27501 GYNAECOLOGY BED - standard leg holders**

Strong chrome-plated structure. Rectangular steel tube. Adjustable head and leg sections. Simulated leather, black colour, washable upholstery, self extinguishing. Load: 100 kg. Complete with s/s bowl Ø 31 cm and leg-holders. Made in Italy.
- **26586 S/S BOWL Ø 31 cm - spare**

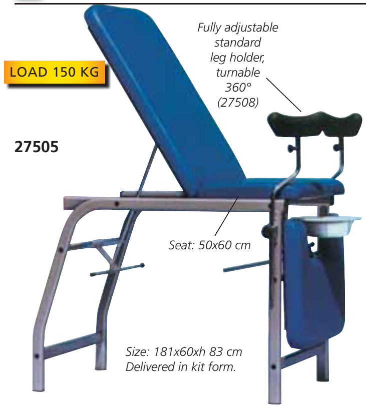
- **27510 DELUXE DELIVERY BED - quality leg holders**

Same as 27500, but with three sections with independent controls and Trendelenburg position. Load: 120 kg.
- **27503 STANDARD LEG HOLDERS - couple - spare**
- **27504 QUALITY LEG HOLDERS - couple - spare**

Kit leg holders includes 2 leg-holders and arms.
- **27418 COUCH ROLL HOLDER**

# 3- SECTION MULTIFUNCTIONAL AND GYNAECOLOGICAL BEDS

LOAD 150 KG


**27505**

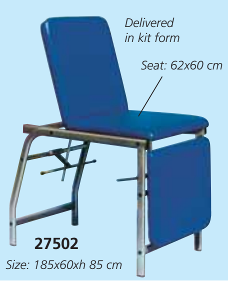
Fully adjustable standard leg holder, turnable 360° (27508)

Seat: 50x60 cm

Size: 181x60xh 83 cm
Delivered in kit form.

- **27502 3-SECTION MULTIFUNCTIONAL BED - blue**
- **27505 3-SECTION GYNAECOLOGICAL BED - blue**

Strong and stylish structure in oval tube 50x25 mm, painted with epossidic powder, metallic grey colour. The three sections top has high density padding, covered with washable, fire proof, leatherette material Class 1 IM.
Back-rest and leg-rest section are fully adjustable by self mechanical sytem.
Gynaecological bed is supplied with 2 foam padded leg holders and stainless steel bowl Ø 32 cm. Maximum load: 150 kg - Weight: 36 kg. Made in Italy.


Delivered in kit form

Seat: 62x60 cm

**27502**

Size: 185x60xh 85 cm

- **27508 STANDARD LEG HOLDER - couple - spare**
- **27509 QUALITY LEG HOLDER - couple**

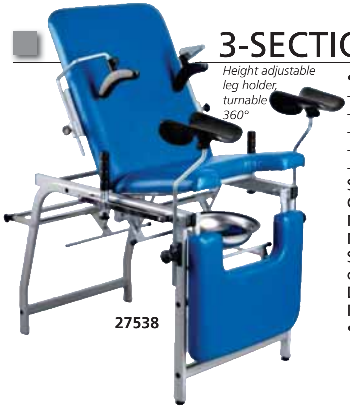
Kit leg holder, includes 2 leg-holders and arms.
- **27511 COUCH ROLL HOLDER for 27502-5**
- **27919 DESK with 2 drawers - 130x71xh 80 cm**

Strong structure in oval tube 40x20 painted with epossidic powder, metal grey colour. White work top with rubber edge and round corner.
- **27979 FOOT STOOL - 2 steps**

**27919**

**27979**

# 3-SECTION DELIVERY BED WITH TRENDELENBURG


Height adjustable leg holder, turnable 360°

**27538**

- **27538 3-SECTION DELIVERY BED - with Trendelenburg**
- structure made of epoxy painted oval steel tube
- three sections with independent control and Trendelenburg position
- padding made of high density polyurethane foam, fireproof Class 1 IM
- covering made of washable, plastic material (leatherette) fireproof Class 1 IM
- adjustable rubber feet

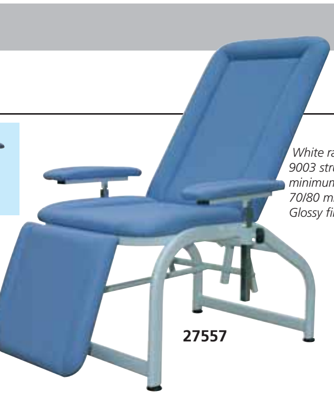
Size: 181x60xh 80 cm
Carton size: 75x20xh 196 cm.
Maximum load: 150 kg.
Net weight: 43 kg.
Supplied with a pair of height-adjustable, padded, anatomic leg-holders, a couple of shoulder rests, handgrips, a paper roll holder and a stainless steel basin Ø 32 cm.
Delivered in kit form.
Made in Italy.
- **27509 QUALITY LEG HOLDER - couple**

# DONOR ARMCHAIR

- **27557 DONOR ARMCHAIR - blue - mechanical**
- **27563 DONOR ARMCHAIR - blue - electrical**
- **27567 DONOR ARMCHAIR WITH WHEELS - white**

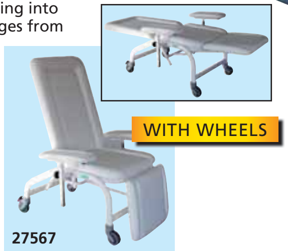
Strong and stylish armchair with structure made with oval, round and square metal section tubing (legs oval tubing 50x25x1.5; central frame square tubing 30x30x1.5, cushions round tubing 20x1.5 diam.).
Structure fully coated with white epoxy powder.
High density polyurethane foam platform with wooden base covered by leatherette upholstery.
Both materials are flame resistant Class 1 IM.
Synchronized adjustment of the two cushions by a gas spring, cylinder/piston, (27557, 27567) or by a linear actuator (27563) with a push-button panel, allow a quick moving into TR/RTR position. The backrest inclination ranges from +60° to -5° in Trendelenburg position, leg rest from -80° to +5°.
The arm-rests can be height adjusted and are reclinable. When removed, they can be rotated up to 180°.
Four adjustable feet ensure maximum stability (27557 and 27563) or 4 castors, 2 with directional brake (27567) ensure mobility. Load: 150 kg. Size: 175x55xh 51 cm. Made in Italy.
- **27553 IV STAND**
- **27556 COUCH ROLL HOLDER**

**27557**

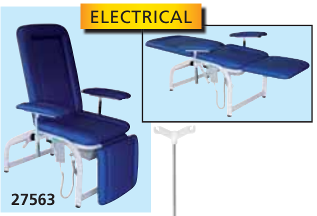

**27557**

White ral colour 9003 structure, minimum thickness 70/80 micron. Glossy finish.

WITH WHEELS


**27567**

ELECTRICAL

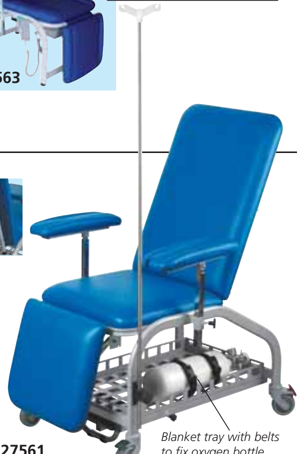

**27563**

# DONOR WHEELCHAIR

- **27561 DONOR WHEELCHAIR**

Donor wheelchair with structure made of epoxy painted oval and round steel tube.
Backrest adjustable by gas pump.
Padded leg rest manually adjustable.
Metal footrest extractable. Armrest with articulations, manually adjustable in height.
Padding made of high-density polyurethane foam, fireproof Class 1 IM. Covering made of washable, plastic material (leatherette), fireproof Class 1 IM.
Back push handle.
Mattress overall size: 166x55 cm. Carton size: 185x67xh 58 cm
Four wheels Ø 100 mm, 2 directional and 2 with brake.
Net weight: 53 kg. Gross weight: 55 kg. Maximum load: 150 kg.
Supplied with blanket tray with belts to fix oxygen bottle, IV stand and chart holder support. Made in Italy.

Chart holder support


**27561**

Blanket tray with belts to fix oxygen bottle (bottle not included)

# HEIGHT ADJUSTABLE GYNAECOLOGICAL BED

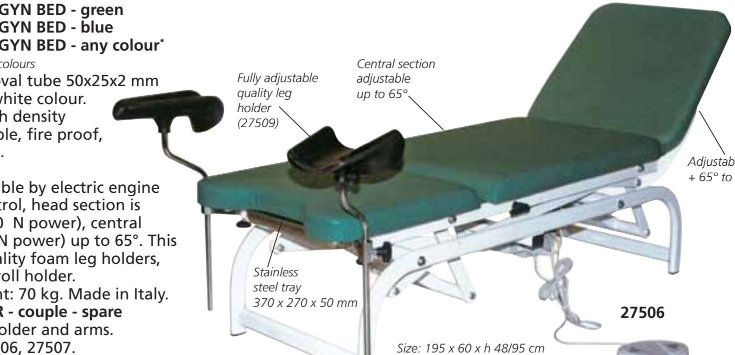
- **27506 HEIGHT ADJUSTABLE GYN BED - green**
- **27507 HEIGHT ADJUSTABLE GYN BED - blue**
- **27496 HEIGHT ADJUSTABLE GYN BED - any colour***

*Available in 20 days, see below available colours

Strong and solid structure in oval tube 50x25x2 mm painted with epoxy powder, white colour.
The three sections top has high density padding, covered with washable, fire proof, leatherette material class 1 IM.
**Full adjustable**
Height, up to 95 cm, is adjustable by electric engine (6000 N power) with foot control, head section is adjusted by a gas cylinder (400 N power), central section by a gas cylinder (600 N power) up to 65°. This gyn bed is supplied with 2 quality foam leg holders, stainless steel tray and couch roll holder.
Maximum load: 150 kg. Weight: 70 kg. Made in Italy.
- **27509 QUALITY LEG HOLDER - couple - spare**

Kit leg holder includes 2 leg holder and arms.
Suitable for 27496, 27505, 27506, 27507.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |


Fully adjustable quality leg holder (27509)

Central section adjustable up to 65°

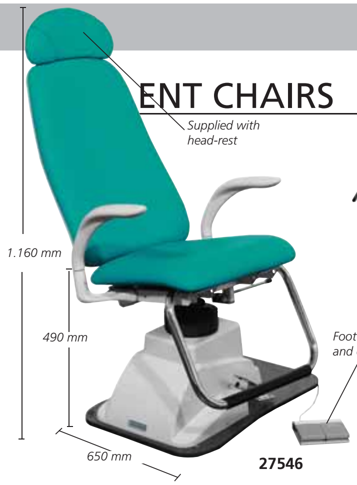
Adjustable + 65° to -10°

Stainless steel tray 370 x 270 x 50 mm

**27506**

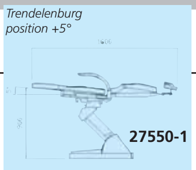
Size: 195 x 60 x h 48/95 cm

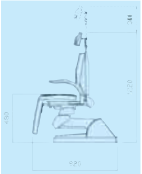
# ENT CHAIRS

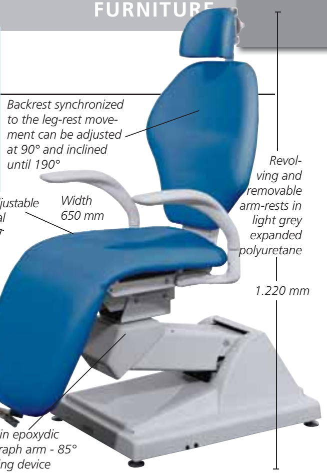


**CHAIRS AVAILABLE IN 36 COLOURS**

*See colour at page 125
Available in 60 days







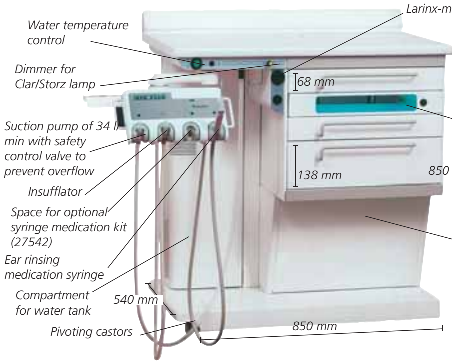
- **27545 OTO/PV ENT CHAIR with head support - colour on request***
- **27546 OTO/PV ENT CHAIR with head support - green Melbourne**
- **27547 OTO/PV ENT CHAIR with head support - sky blue Parigi**

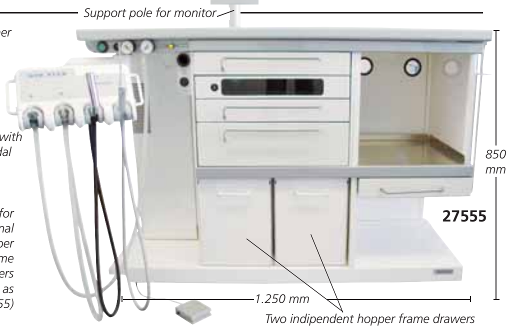
Patient chair with Peltex-lined seat and backrest.
Electric up and down movements by silent engine controlled through foot switch.
Back-rest can be adjusted up to 180° by a gas spring. Chair rotates 360° and is provided with a rotation locking device placed at the bottom. Power: 230 V - 50 Hz (Available 110 V - 60 Hz). Made in Italy.

- **27550 OTOPEX ENT CHAIR with head support - colour on request***
- **27551 OTOPEX ENT CHAIR with head support - blue Chicago**
- **27552 OTOPEX ENT CHAIR with head support - green Toronto**

ENT chair designed also for ambulatory operations.
Moved by very silent electrical engines operated by joystick foot-control. Also provided with button to re-set to previously selected working position. Upholstery made of simulated leather, high density undeformable foam padding (50 kg/cm³).
Seat and leg-rest are joined in a single piece.
Power: 230 V - 50 Hz (Available 110 V - 60 Hz). Made in Italy.

## ENT CABINETS





- **27540 OTOPLUS - ENT UNIT**

The E.N.T. unit has rubber pivoting castors, a working surface made of scratch-proof rolled sections, 2 small and one large drawers provided of removable internal partitions, one drawer with inside germicidal lamps to keep instrument sterilization. Otoplus is provided with a silent suction pump of 34 l/min, with power supply complete with dim adjustment device for Clar/Storz lamp, larynx-mirror warmer, twin-cylinder dry compressor for tubal insufflation, 2-litres distilled water tank with acoustic signal for reserve level. The articulated arm with instrument holding tray is complete with terminal suction cannula and terminal insufflation cannula, ear rinsing syringe with automatic water temperature control, (a microprocessor keeps temperature at a constant level of 37 °C).
Power 230 V - 50 Hz (Available 110 V - 60 Hz). Made in Italy.

- **27539 OTOPLUS COMPLETE**

Same as code 27540 with included vasister drawers (code 27541) and endoscope support (code 27543).

- **27554 OTOPLUS DC ENT UNIT**

Otoplus unit with additional column, to be used for diagnostic equipment (light source, camera or printer) and a support pole for monitor.

- **27555 OTOPLUS DC ENT UNIT - complete**

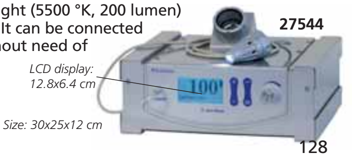
Same as code 27554 with included hopper frame drawers (code 27541) and endoscope support (code 27543)

- **27541 HOPPER FRAME DRAWERS - 2 indipendent drawers**
- **27543 ENDOSCOPE SUPPORT - 2 transparent plastic tubes**

1 tube 50 cm long and 1 tube 25 cm long both closed at the bottom.

- **27542 SYRINGE MEDICATION KIT** composed of 1 syringe, 2 atomizers (1 for liquid and 1 for powder) and 3 ampoules in dark glass. To be ordered with ENT unit.
- **27544 LED LIGHT SOURCE**

Makes cold white light (5500 °K, 200 lumen) for endoscopy use. It can be connected to endoscopes without need of F.O. cable. Handle connect directly to rigid endoscopes (Storz connection).



Size: 30x25x12 cm

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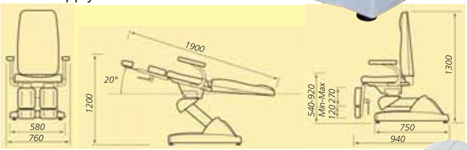
# HYDRA PODOLOGY CHAIR - MADE IN ITALY

- **28033 HYDRA PODOLOGY CHAIR - green David**
- **28035 HYDRA PODOLOGY CHAIR - any colour***

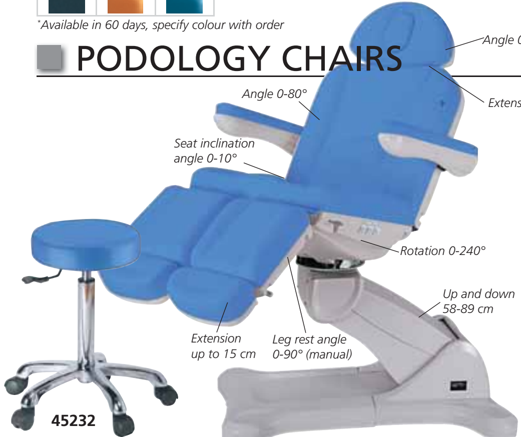
Functional and compact podiatry chair. The up/down movement, activated by a foot switch is synchronized to the seat inclination in order to easily lift the patient foot to the optimal working position, allowing the operator to keep the correct posture during the whole therapy. One silent electric actuator activates the up/down movement allowing a vertical lift range of 40 cm (min height 55 cm/max height 95 cm). Combined to the seat inclination movements, it permits the heel rest to reach the height of 120 cm from the floor. The backrest is manually adjustable to 180° through a powerful gas spring.
The upholstered ergonomic parts grant high comfort to the patient.
The double legrests swivel horizontally and the extendable heel rest holds the foot in various working positions. Comfortable padded arm rests. Lifting capacity: 180 kg.
Chair's weight: 80 kg.
Power supply: 230 V - 50/60 Hz.

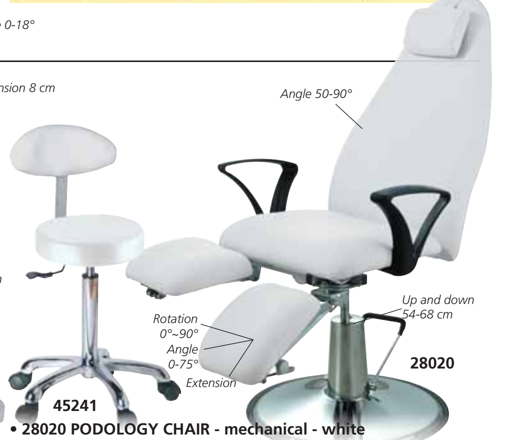
| COLOUR ON REQUEST: CLASSIC COLOURS* | | | | | | | |
|---|---|---|---|---|---|---|---|
| White<br>Helsinki<br>⬜ | Beige<br>Roma<br>🟫 | Beige<br>Tunisi<br>🟫 | Brown<br>Perugia<br>🟫 | Yellow<br>Parma<br>🟨 | Orange<br>Praga<br>🟧 | Red<br>Mosca<br>🟥 | Pink<br>Malaga<br>🟥 |
| Bordeaux<br>Bangkok<br>🟥 | Green<br>New Delhi<br>🟩 | Green<br>Melbourne<br>🟩 | Green<br>Irlanda<br>🟩 | Green<br>Honolulu<br>🟩 | Green<br>Caracas<br>🟩 | Orange<br>Rotterdam<br>🟧 | Violet<br>Nizza<br>🟪 |
| Violet<br>Ankara<br>🟪 | Light blue<br>Palm beach<br>🟦 | Blue<br>Berna<br>🟦 | Blue<br>Baltico<br>🟦 | Blue<br>Anversa<br>⬛ | Grey<br>Oslo<br>⬛ | Grey<br>Amburgo<br>⬜ | Grey<br>Londra<br>⬜ |
| Black<br>Odessa<br>⬛ | Light blue<br>Parigi<br>🟦 | Green<br>Toronto<br>🟩 | Blue<br>Chicago<br>🟦 | | | | |
| **COLOUR ON REQUEST: METALLIC COLOURS*** | | | | | | | |
| Metal<br>Ice<br>⬜ | Metal<br>Silver<br>⬜ | Metal<br>Bronze<br>⬛ | Metal<br>Gold<br>🟫 | Metal<br>Lemon<br>🟧 | Metal<br>Red<br>🟥 | Metal<br>Sky Blue<br>🟦 | Metal<br>Blue<br>🟦 |
| Metal<br>Dust Grey<br>⬛ | Metal<br>Apricot<br>🟧 | Metal<br>Sea blue<br>🟦 | | | | | |

*Available in 60 days, specify colour with order



## PODOLOGY CHAIRS





- **28025 ELECTRIC PODOLOGY CHAIR - 3 motors - blue**

Electrically controlled chair to independently adjust height, backrest and seat inclination, by foot switch or push button panel. Head rest can be inclined, arm rests are movable.
Operating power: 220-240 V - 50/60 Hz. Size: 186x56x58/89 cm
Maximum load: 170 kg Net/Gross Weight: 83/96 kg

- **45232 STOOL - blue**
- **45242 STOOL WITH BACKREST - blue**
- **28020 PODOLOGY CHAIR - mechanical - white**

This chair can move up and down and rotate.
Backrest and footrests are adjustable.
Heavy round base provides maximum stability.
Size: 180x80xh 51/65 cm Maximum load: 170 kg
Weight: 41 kg

- **45231 STOOL - white**
- **45241 STOOL WITH BACKREST - white**

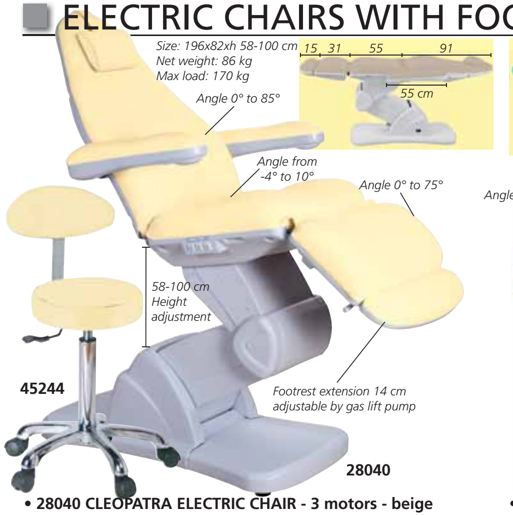
## GAMMA/PODOLOGICAL CABINETS - MADE IN ITALY

- **28030 GAMMA1 CABINET - 61x45xh 77 cm - small**
- **28031 GAMMA3 CABINET - 108x45xh 77 cm - large**

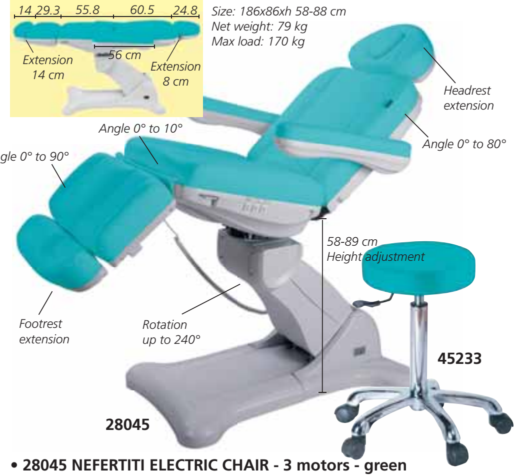
Practical service cabinet, equipped with tabletop in scratch-resistant wood, drawers and doors, specifically designed to keep tools and accessories sterile. Base with castors to facilitate movement. Supplied with connections to the mains: germicide compartment, lampholder and other electric sockets.
Power supply: 220 V - 50/60 Hz.

| SIZES | Cabinet | | Table top | | Germicide | Large |
|---|---|---|---|---|---|---|
| | **28030** | **28031** | **28030** | **28031** | **compartment** | **compartment** |
| Length: | 61 cm | 108 cm | 61 cm | 108 cm | 28 cm | 28 cm |
| Width: | 45 cm | 45 cm | 42 cm | 42 cm | 38 cm | 28 cm |
| Height: | 77 cm | 77 cm | | | 4 cm | 15 cm |

# ELECTRIC CHAIRS WITH FOOT CONTROL - 3 MOTORS


15
31
55
91
55 cm
Angle 0° to 85°
Angle from -4° to 10°
Angle 0° to 75°
58-100 cm Height adjustment
Footrest extension 14 cm adjustable by gas lift pump
45244
28040

*Size: 196x82xh 58-100 cm*
*Net weight: 86 kg*
*Max load: 170 kg*



*Size: 186x86xh 58-88 cm*
*Net weight: 79 kg*
*Max load: 170 kg*

- **28040 CLEOPATRA ELECTRIC CHAIR - 3 motors - beige**

Electrically controlled 3 motors chair to adjust separately height, backrest and seat inclination by foot switch or push button panel. Footrest adjustable by gas lift pump. Reversible arms and adjustable headrest. Operating power: 220-240 V - 50/60 Hz.

- **45234 STOOL - beige**
- **45244 STOOL with backrest - beige**

- **28045 NEFERTITI ELECTRIC CHAIR - 3 motors - green**

Electrical chair with very stable structure and high comfort. Specially designed to optimize the workspace due to 240° rotation. 3 motors control height, backrest and seat inclination by foot switch or push button panel. Footrest adjustable by gas lift pump, reversible arms and adjustable headrest. Operating power: 220-240 V - 50/60 Hz.

- **45233 STOOL - green**
- **45243 STOOL with backrest - green**

# PROFESSIONAL MECHANICAL AND ELECTRIC CHAIR

*Size: 185x85xh 56-75 cm*
*Net weight: 72 kg*
*Max load: 170 kg*

- **28005 LUXOR CHAIR - mechanical - white**
- **28006 LUXOR CHAIR - mechanical - blue**

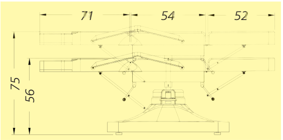
Chair can move up and down and rotate 360°. Backrest and footrest are adjustable.

**STOOLS**
- **45231 STOOL - white**
- **45232 STOOL - blue**

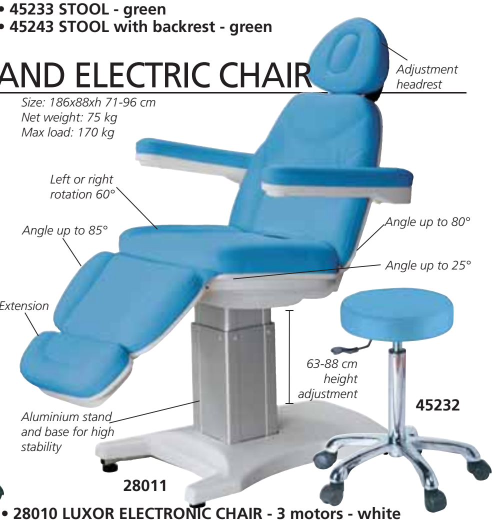
**STOOLS with backrest**
- **45241 STOOL - white**
- **45242 STOOL - blue**

See page 141.

**28005/28006**

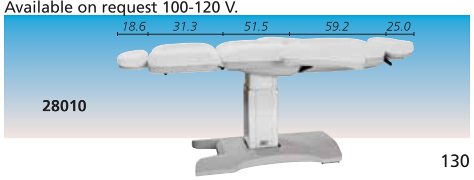


*Size: 186x88xh 71-96 cm*
*Net weight: 75 kg*
*Max load: 170 kg*


Adjustment headrest
Left or right rotation 60°
Angle up to 85°
Angle up to 80°
Angle up to 25°
Extension
63-88 cm height adjustment
Aluminium stand and base for high stability
45232
28011

- **28010 LUXOR ELECTRONIC CHAIR - 3 motors - white**
- **28011 LUXOR ELECTRONIC CHAIR - 3 motors - blue**

Electrically controlled chair to adjust separately height, backrest or footrest. Hand and foot control. Armrest and headrest are flexible. Operating power: 220-240 V - 50/60 Hz. Available on request 100-120 V.



# GIMA ADJUSTABLE HEIGHT ELECTRIC TABLE

- **27632 GIMA TREATMENT TABLE - any colour****
- **27633 GIMA TREATMENT TABLE - blue**
- **27634 GIMA TREATMENT TABLE - cream**
- **27628 GIMA TREATMENT TABLE - green**
- **27635 GIMA TREATMENT TABLE - black**

AVAILABLE IN 6 COLOURS

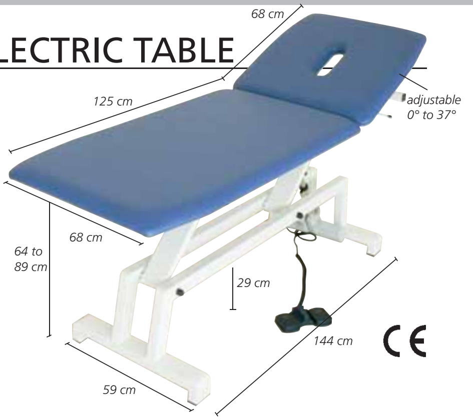
Sturdy and highly stable examination and treatment table. Adjustable height by electric foot switch. Fixed leg-section and manually adjustable head-section with mouth-nose hole. Fire proof padding. Lifting capacity: 140 kg. Length: 193 cm. Made in Italy.

**STOOLS:** matching stool at page 141.

*1 Black*
*2 Blue*
*3 Grey*
*4 Green*
*5 Cream*
*6 Apricot*

- **27629 COUCH ROLL HOLDER**
- **27630 MOUTH-NOSE HOLE PLUG - any colour****
- **27631 MOUTH-NOSE HOLE PLUG - blue**
- **27620 MOUTH-NOSE HOLE PLUG - cream**
- **27625 MOUTH-NOSE HOLE PLUG - green**
- **27621 MOUTH-NOSE HOLE PLUG - black**

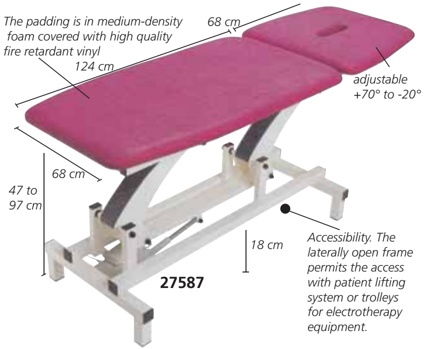
** *Available in 15 days*



# ELECTRIC OR HYDRAULIC HEIGHT-ADJUSTABLE TABLES

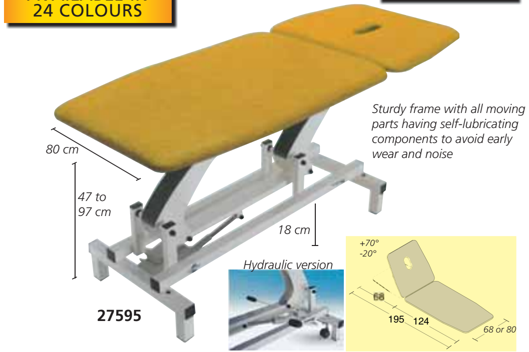
AVAILABLE IN 24 COLOURS

WIDTH 80 cm



*The padding is in medium-density foam covered with high quality fire retardant vinyl*

*Accessibility. The laterally open frame permits the access with patient lifting system or trolleys for electrotherapy equipment.*



*Sturdy frame with all moving parts having self-lubricating components to avoid early wear and noise*

*Hydraulic version*

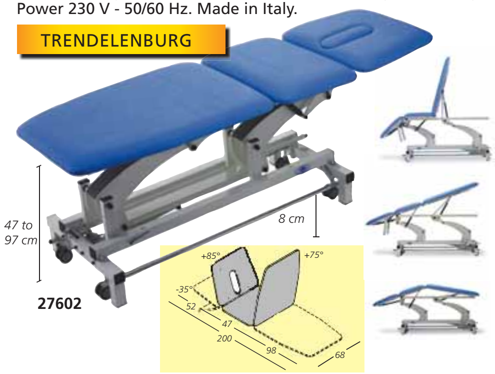
**BRUXELLES TABLES - electric or hydraulic**

Examination and treatment table with high stability. Electric height adjustment by a foot-switch (low tension 24 V) or manual by hydraulic piston. Features: one mobile section, gas-spring supported adjustment of the head-section (with mouth-nose hole) and fixed leg-section. The large head-section can be adjusted positively and negatively and serves as back-rest. Safe working load 200 kg. Power 230 V - 50/60 Hz. Made in Italy.

| BRUXELLES TABLES | Standard 68 cm | Large 80 cm |
|---|---|---|
| Electric - any colour** | **27587** | **27595** |
| Electric - blue | **27588** | - |
| Hydraulic - any colour** | **27589** | **27596** |

***Available in 30 days*

TRENDELENBURG



- **27602 THER TRENDELENBURG TABLE - electric - any colour****
- **27603 THER TRENDELENBURG TABLE - electric - blue (3)**
- **27604 THER TRENDELENBURG TABLE - hydraulic - any colour****

Examination and treatment tables with electric height adjustment by a foot switch (low tension 24 V) or hydraulic height adjustment by a piston. Features: three mobile sections adjustable by gas spring. The table can easily assume the “flexion”, “relax” and “trendelenburg” position even if the patient is lying on the table. The large head-section (with mouth-nose hole) can be adjusted positively and negatively. Chair position. Safe working load 200 kg. Power 230 V - 50/60 Hz. Supplied with mouth-nose hole plug. Made in Italy.

| GIMA code | ACCESSORIES FOR ALL TABLES |
|---|---|
| **27590** | Couch roll holder for rolls 50 to 63 cm |
| **27591** | Wheels set |
| **27594** | Mouth-nose hole plug - any colour**<br>for 27587-9, 27595-6, 27582-4 |

***Available in 30 days*

*Wheels set - optional*

| Upholstery colour code | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | N | 8 | 4 | B | Z | G | F | 9 | H | S | T | 6 | E | R | 1 | 2 | Q | 3 | L | 7 | K | M | P |

# KING HEIGHT ADJUSTABLE EXAMINATION COUCH

- **27613 KING HEIGHT ADJUSTABLE EXAMINATION COUCH - blue - 9**
- **27612 KING HEIGHT ADJUSTABLE EXAMINATION COUCH - any colour***

**available in 20 days, see below available colours*

Height adjustable (48-95 cm) examination couch by electric actuator (Linak engine 6.000 N) controlled by foot switch with head section easily adjustable (to +60° and -10°) by a gas pump. Strong and stylish leg structure in oval tubing 50x25x2 mm, central frame in rectangular tubing 50x20x1.5 mm painted with RAL 9003 white epoxy powder. Minimum thickness 70/80 micron, glossy finish. High density polyurethane foam platform with wooden base covered by leatherette upholstery. Both materials are flame resistant Class 1 IM. Leatherette washable with the most common detergents. Couch roll holder included. Maximum load: 150 kg. Made in Italy.

*Size: 190x60xh 48/95 cm*
*Weight: 70 kg*

27613

1 2 3 4 5 6 7 8 9 10

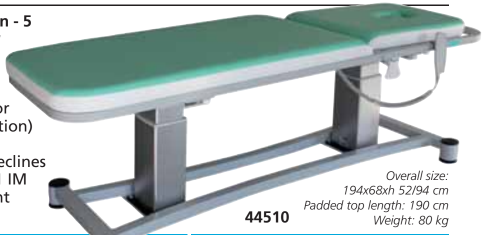
# VARIABLE HEIGHT EXAMINATION COUCH WITH TR/RTR

- **44510 LORD VARIABLE HEIGHT EXAMINATION COUCH - water green - 5**
- **44516 LORD VARIABLE HEIGHT EXAMINATION COUCH - any colour***

**available in 20 days, see below available colours*

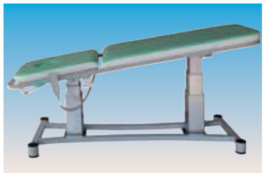
Stable and sturdy examination couch made in high quality tubular for furniture. Very practical and user friendly. Height adjustable thanks to the two electrical columns that can move simultaneously or separately (allowing the Trendelenburg/Reverse Trendelenburg position) by a push-button panel.
Under the top frame, an ergonomic lever actions a gas spring that reclines the cushions. High density, rubber padded, fire retardant and Class 1 IM top, covered in coated fabric (vinyl, synthetic leather, flame retardant Class 1 IM).
It can be cleaned with common detergents.
Complies with: EU 93/42 CEE. Maximum load: 200 kg.
Supplied with mouth/nose hole plug, paper roll holder and 4 adjustable feet.

- **44505 RETRACTABLE/REMOVABLE WHEELS**



44510

*Overall size:*
*194x68xh 52/94 cm*
*Padded top length: 190 cm*
*Weight: 80 kg*



1 2 3 4 5 6 7 8 9 10

# SUN 2-SECTIONS VARIABLE HEIGHT TREATMENT COUCH

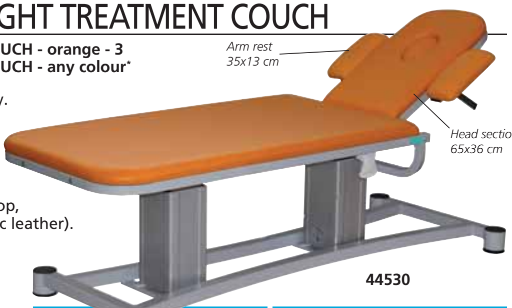
- **44530 SUN 2-SECTIONS VARIABLE HEIGHT TREATMENT COUCH - orange - 3**
- **44536 SUN 2-SECTIONS VARIABLE HEIGHT TREATMENT COUCH - any colour***

**available in 20 days, see below available colours*

Couch made in high quality tubular that makes it very sturdy.
The cushions can be reclined by a gas spring activated by an ergonomic lever under the top frame.
Head section movable to +45° and to -30°.
Height adjustable thanks to the two electrical columns by a push·button panel.
High density, rubber padded, fire retardant and Class 1 IM top, covered in flame retardant Class 1 IM coated fabric (synthetic leather).
Washable and disinfectable with common detergents.
Overall size: 195x68xh 48/89 cm. Weight: 80 kg.
Complies with: EU 93/42 CEE. Maximum load: 200 kg.
Supplied with mouth/nose hole plug, paper roll holder, 2 adjustable armrests and 4 adjustable feet.

- **44505 RETRACTABLE/REMOVABLE WHEELS**
- **44540 WEDGE CUSHION 50x50xh 15 cm - orange**
- **44545 WEDGE CUSHION 50x50xh 15 cm - any colour***
- **44550 SEMI-CYLINDRICAL CUSHION 20x50xh 10 cm - orange**
- **44555 SEMI-CYLINDRICAL CUSHION 20x50xh 10 cm - any colour***

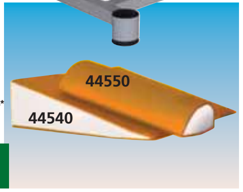
**available in 20 days, see below available colours*



*Arm rest*
*35x13 cm*

*Head section*
*65x36 cm*

44530



44550
44540

44530
+ 44505

1 2 3 4 5 6 7 8 9 10

# KING EXAMINATION COUCH

**KING EXAMINATION COUCH**

Strong and stilish structure in oval tube 50x25 mm painted with metallic grey epoxy powder. Top in washable, fire proof, leatherette material class 1 IM with high density padding. Head section adjustable by mechanical system.
Maximum load: 150 kg.
Size: 190x60xh 80 cm.
Delivered in kit form.
Made in Italy.

| GIMA Code | KING EXAMINATION COUCH |
|---|---|
| **27614** | King examination couch - water green - 5 |
| **27615** | King examination couch - white - 7 |
| **27616** | King examination couch - blue - 9 |
| **27617** | King examination couch - black - 6 |
| **44486** | King examination couch - any colour* |
| | **KING EXAMINATION COUCH WITH HOLE** |
| **27618** | King examination couch - green |
| **27619** | King examination couch - white |

**available in 20 days, see below available colours*

27616

27619

27978

27979

| | ACCESSORIES |
|---|---|
| **27511** | Couch roll holder |
| **27978** | Foot stool - 1 step |
| **27979** | Foot stool - 2 steps |

1 2 3 4 5 6 7 8 9 10

# KING PLUS EXAMINATION COUCH

- **44490 KING PLUS EXAMINATION COUCH - blue - 9**
- **44491 KING PLUS EXAMINATION COUCH - beige - 2**
- **44496 KING PLUS EXAMINATION COUCH - any colour***

**available in 20 days, see below available colours*

Same as King examination couch, but with extra thick 7 cm mattress with lateral white band

| | | | | |
|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 |
| *Yellow* | *Beige* | *Orange* | *Red* | *Water green* |
| 6 | 7 | 8 | 9 | 10 |
| *Black* | *White* | *Liliac* | *Blue* | *Green* |

44490

44491

# ELITE EXAMINATION COUCH

- **44500 ELITE EXAMINATION COUCH - blue - 9**
- **44503 ELITE EXAMINATION COUCH - any colour***

**available in 20 days, see below available colours*

Stylish, comfortable and innovative examination couch available in 10 colours with lateral white band.
Realized with high quality furniture tubing that guarantees stability and robustness.
The couch is made with rectangular and rounded tubing, Uni 7947/81 and 8913, DIN 2394.
Fireproof rubber padding covered with class 1 IM fireproof woven imitation leather.
Adjustable head section through 2 cogwheels.
The roll holder, included, can be placed in the feet or in the head side. 4 adjustable feet.
Size 193x68xh 78 cm. Padding size 190x68xh 7 cm.
Max. load 200 kg. Weight 70 kg.
Disassembled, very simple to assemble.
Made in Italy.

- **44505 RETRACTABLE/REMOVABLE WHEELS**

44503

1 2 3 4 5 6 7 8 9 10

# COUCH PAPER ROLLS

**COUCH PAPER ROLLS**

A complete range of hygienic and resistant couch paper manufactured in Italy in pure cellucotton or cellucotton/polythene. Each roll is individually packed in plastic bag for best protection. Atoxic. Available with standard 38 or 40 cm perforation or 190 cm perforation (full person size).

- **27418 COUCH ROLL HOLDER**

Adjustable roll holder suitable for round (Ø 27-30 mm) or square (27-30 mm x 27-30 mm) metal couch leg.

OTHER SIZES OF COUCH ROLL PAPER AVAILABLE ON REQUEST

| COUCH PAPER ROLLS | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MATERIAL | Cellucotton embossed | | Microembossed glued mikrogepragt verleint - gauffré collé | | | | | | Pure wadding of cellulose ply coated with a polythene protection | | |
| GIMA code | 27410 | 27411 | 27412 | 27424 | 27427 | 27428 | 27432 | 27419 | 27414 | 27413 | 27415 |
| Colour | white | white | white | white | white | white | white | white | light blue | white | white |
| Ply | 1 ply | 2 ply | 2 ply | 2 ply | 2 ply | 2 ply | 2 ply | 2 ply | 14 g/m² polyth. | 14 g/m² polyth. | 8 g/m² polyth |
| Weight | 30 g/m² | 2x20 g/m² | 2x17 g/m² | 2x17 g/m² | 2x17 g/m² | 2x17 g/m² | 2x17 g/m² | 2x17 g/m² | 26/28 g/m², | 26/28 g/m², | 26/28 g/m² |
| Length | 95 m | 47.5 m | 46 m | 50 m | 100 m | 50 m | 80 m | 80 m | 50 m | 50 m | 50 m |
| Height | 50 cm | 59 cm | 50 cm | 50 cm | 50 cm | 59 cm | 59 cm | 59 cm | 50 cm | 50 cm | 60 cm |
| Number of sheet | 250 | 125 | 135 | 132 | 263 | 132 | 210 | 42 | 132 | 132 | 125 |
| Perforation | 38 cm | 38 cm | 34 cm | 38 cm | 38 cm | 38 cm | 38 cm | 190 cm | 38 cm | 38 cm | 40 cm |
| Rolls per box | 6 | 6 | 9 | 9 | 6 | 9 | 6 | 6 | 6 | 6 | 6 |

# EXAMINATION COUCHES

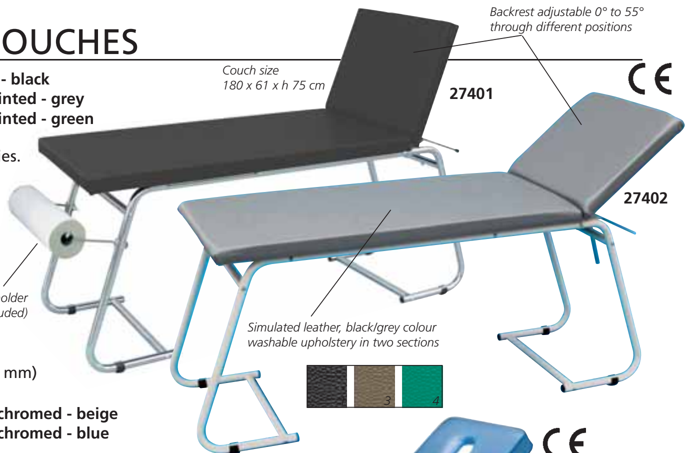
- **27401 EXAMINATION COUCH - chromed - black**
- **27402 EXAMINATION COUCH - white painted - grey**
- **27444 EXAMINATION COUCH - white painted - green**

**STOOLS: see matching stools page 141**

Suitable for medical office or small surgeries.
Easy to assemble, following enclosed instructions.
Comes complete with mattress.
Upholstery in two sections:
one 130x61xh 5.5 cm fixed and a 50x61xh 5.5 cm backrest adjustable through different positions.
Delivered in kit form.
Made in Italy.

- **27418 COUCH ROLL HOLDER**

Adjustable roll holder suitable for round (Ø27-30 mm) or square (27-30 mm x 27-30 mm) metal couch leg.


*Backrest adjustable 0° to 55° through different positions*

*Couch size 180 x 61 x h 75 cm*

*Universal couch roll holder (code 27418, not included)*

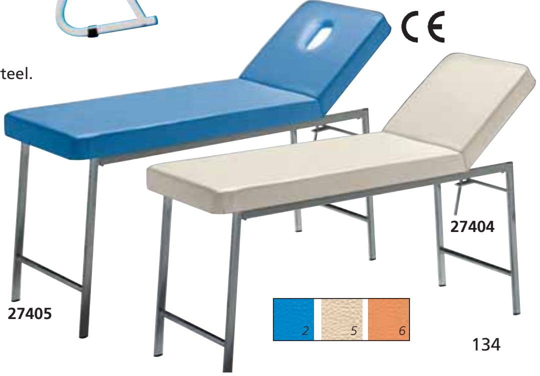
*Simulated leather, black/grey colour washable upholstery in two sections*

- **27404 CLASSIC EXAMINATION COUCH - chromed - beige**
- **27405 CLASSIC EXAMINATION COUCH - chromed - blue - backrest with hole**
- **27445 CLASSIC EXAMINATION COUCH - chromed - apricot**

Chromed mainframe and legs constructed in chrome-plated steel.
Legs fitted with plastic feet.
The two-section top has resilient foam padding covered with washable and fire-proof plastic material.
Backrest fully adjustable.
Available in beige, blue, apricot colour.
Other colours on request, minimum 10 pieces.
Size: 180x57xh 73 cm.
Maximum load 100 kg.
Delivered in kit form.
Made in Italy.

- **27408 MOUTH-NOSE HOLE PLUG for code 27405 - blue**

**STOOLS: see matching stools page 141**



# EXAMINATION AND TREATMENT TABLE - HIGH LOAD

- **27622 STANDARD TREATMENT TABLE - any colour****
- **27623 STANDARD TREATMENT TABLE - blue***
- **27624 STANDARD TREATMENT TABLE - cream***
- **27626 LARGE TREATMENT TABLE - any colour****
- **27627 LARGE TREATMENT TABLE - blue***

Professional examination and treatment table with one movable section and manual adjustment.
Sturdy detachable metal structure painted with scratch-proof, non corrosive epoxy powder.
The section trim facilitates reaching the patient.
The head section has an extended mouth-nose hole.
Load 180 kg (standard), 200 kg (large).
Made in Italy

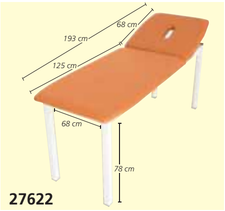
- **27629 COUCH ROLL HOLDER**
- **27630 MOUTH-NOSE PLUG - any colour****
- **27631 MOUTH-NOSE PLUG - blue**
- **27620 MOUTH-NOSE PLUG - cream**

** usually in stock* *** available in 30 days*

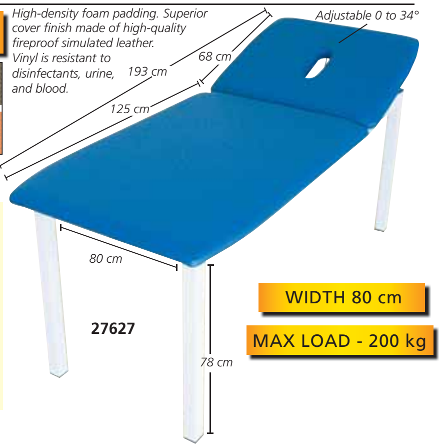
AVAILABLE IN 6 COLORS

| | | |
|---|---|---|
| 1 | 2 | 3 |
| 4 | 5 | 6 |

*1 Black*
*2 Blue*
*3 Grey*
*4 Green*
*5 Cream*
*6 Apricot*



*High-density foam padding. Superior cover finish made of high-quality fireproof simulated leather. Vinyl is resistant to disinfectants, urine, and blood.*



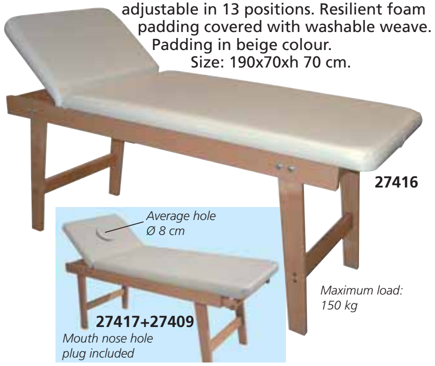
WIDTH 80 cm

MAX LOAD - 200 kg

# WOODEN COUCHES

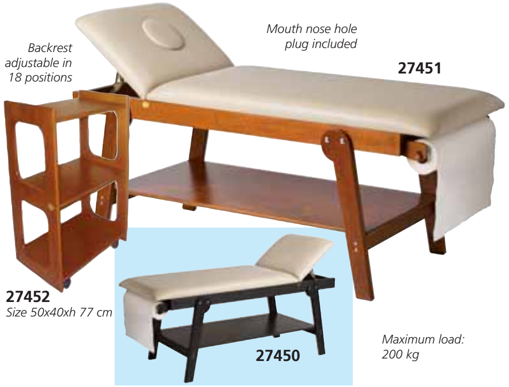
**WOODEN COUCHES**

Comfortable couches, ideal for physical therapy, cardiology and wellness centres. Superior quality wood. Back rest adjustable in 13 positions. Resilient foam padding covered with washable weave. Padding in beige colour. Size: 190x70xh 70 cm.



- **27416 WOODEN COUCH - beech**
- **27417 WOODEN COUCH - with face hole - beech**
- **27443 DANTE WOODEN TROLLEY - beech**
- **27409 COUCH ROLL HOLDER for 27416 and 27417**

Couch roll holder included with 27450 and 27451. Delivered in kit form. Easy assembly, tool provided. Made in Italy.

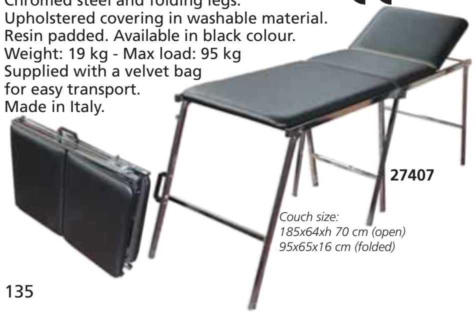


- **27450 FIRENZE WOODEN COUCH - wenge**
- **27451 FIRENZE WOODEN COUCH - with face hole - cherry wood**
- **27452 DANTE WOODEN TROLLEY - cherry wood**

# SUITCASE COUCH

- **27407 SUITCASE COUCH**

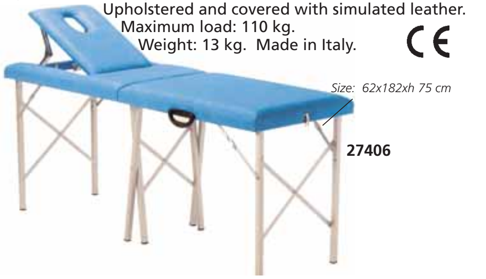
Chromed steel and folding legs.
Upholstered covering in washable material.
Resin padded. Available in black colour.
Weight: 19 kg - Max load: 95 kg
Supplied with a velvet bag for easy transport.
Made in Italy.



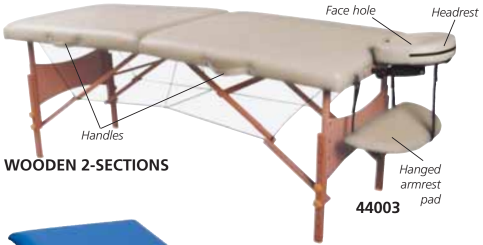
# ALUMINIUM SUITCASE COUCH

- **27406 ALUMINIUM SUITCASE COUCH with hole (22x12)**

Light, foldable, two sections, suitcase couch with aluminium frame. Central double legs for improved safety and block system on the hinges. Head rest with mouth/nose hole.
Upholstered and covered with simulated leather.
Maximum load: 110 kg.
Weight: 13 kg. Made in Italy.



## FOLDABLE MASSAGE TABLE - WOOD OR ALUMINIUM

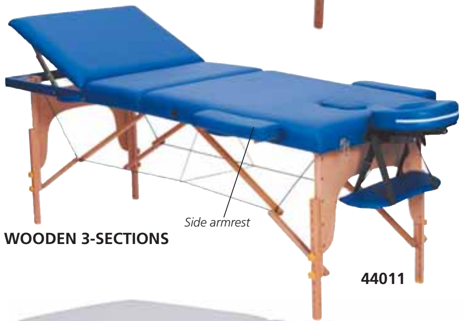


**WOODEN 2-SECTIONS**

- **44000 2-SECTION WOODEN MASSAGE TABLE - black**
- **44001 2-SECTION WOODEN MASSAGE TABLE - blue**
- **44002 2-SECTION WOODEN MASSAGE TABLE - turquoise**
- **44003 2-SECTION WOODEN MASSAGE TABLE - cream**

Two-section foldable height adjustable massage table with German beech wood frame and PVC vinyl cover with 5 cm foam thickness.
Tables are supplied with headrest, hanged armrest, mouth-nose plug and carrying bag.
Product open size: 185x70xh 62/87 cm
Packing size: 95x20xh 75 cm
Net/Gross weight: 14/17 kg
Maximum working load: 227 kg (500 lbs)
Manual: GB, FR, IT, ES, PT, DE

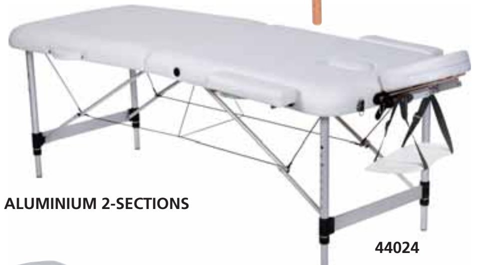
Carrying bag for all tables



**WOODEN 3-SECTIONS**

- **44011 3-SECTION WOODEN MASSAGE TABLE - blue**
- **44013 3-SECTION WOODEN MASSAGE TABLE - cream**

Three-section foldable height adjustable massage table with German beech wood frame and PVC vinyl cover with 5 cm foam thickness. Tables are supplied with headrest, armrests, hanged armrest, mouth-nose plug and carrying bag.
Product open size: 185x70xh 62/87 cm
Packing size: 95x20xh 75 cm
Net/Gross weight: 16/19 kg
Maximum working load:
227 kg (500 lbs)
Manual: GB, FR, IT, ES, PT, DE

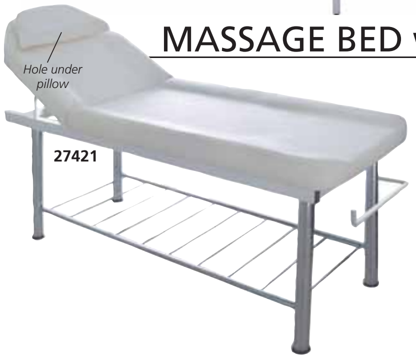


**ALUMINIUM 2-SECTIONS**

- **44020 2-SECTION ALUMINIUM MASSAGE TABLE - black**
- **44021 2-SECTION ALUMINIUM MASSAGE TABLE - blue**
- **44024 2-SECTION ALUMINIUM MASSAGE TABLE - white**

Two-section foldable, height adjustable massage table with aluminium frame and PVC vinyl cover with 5 cm thickness.
Tables are supplied with headrest, side armrests, hanged armrest, mouth-nose plug and carrying bag.
Product open size: 186x70xh 59/80 cm
Packing size: 95x20xh 75 cm
Net/Gross weight: 13/16 kg
Maximum working load:
200 kg (440 lbs)
Manual: GB, FR, IT, ES, PT, DE

## MASSAGE BED WITH HOLE



- **27421 MASSAGE BED**

Comfortable massage bed,with face hole and removable pillow.
Ideal for physical therapy and wellness centres.
Adjustable back rest 0 to 45 degree
Supplied with couch roll holder.

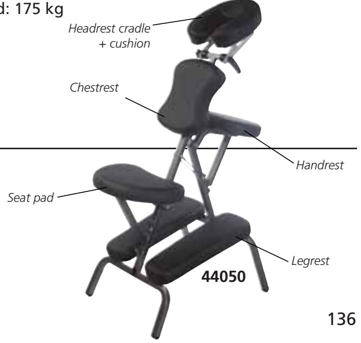
Product size: 183x61x75 cm
Packing size: 188x17x66 cm
Net/Gross weight: 28/31 kg
Maximum load: 175 kg

## FOLDABLE MASSAGE CHAIR

- **44050 FOLDABLE MASSAGE CHAIR**

Comfortable foldable massage chair ideal for physical therapy and wellness centres.
Made in PVC vinyl with 5-6 cm foam thickness
Metal frame
Packing size: 106x27xh 50 cm
Net/Gross weight: 7/13 kg
Maximum working load: 160 kg

Folded massage chair



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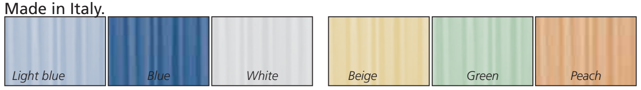
## WING SCREEN WITH TREVIRA CURTAINS

**SCREEN WITH TREVIRA CURTAINS**
Build up the screen you need choosing among 4 frames and 6 colours of Trevira curtains.
**Wing screen**
Aluminium alloy tubular frame mounted on feet or castors (Ø 50 mm).
Size: 150xh 170 cm (3 wings) or
200xh 170 cm (4 wings)
**Trevira curtains** are flame-proof (Class I), antiallergic, avoid bacterial growth, waterproof and highly resistant to abrasion.
Thick weft to avoid dust infiltration and improve privacy, washable up to 60°C.
Available in 6 colours to match any need.
**Custom-made curtains available on request.**
Made in Italy.

| GIMA code | WING SCREEN FRAME without curtain |
|---|---|
| **45560** | 3 wing screen |
| **45561** | 3 wing screen with castors |
| **45562** | 4 wing screen |
| **45563** | 4 wing screen with castors |
| **GIMA code** | **CURTAINS* IN TREVIRA 45xh 132 cm** |
| **45570** | Curtains - light blue |
| **45571** | Curtains - blue |
| **45572** | Curtains - white |
| **45573** | Curtains - beige |
| **45574** | Curtains - green |
| **45575** | Curtains - peach |

*you have to buy 3 or 4 curtains depending on frame you choose



## 3 OR 4 WINGS SCREEN WITH PLASTIC CURTAINS

- **27970 3 WINGS SCREEN**
- **27971 3 WINGS SCREEN with castors**
- **27972 4 WINGS SCREEN**
- **27974 4 WINGS SCREEN with castors**

Aluminium alloy tubular frame.
Weight 5 kg (3 wings), 8 kg (4 wings).
Fire-retardant, foldable washable white plastic curtains mounted on feet or castors (Ø 50 mm).
Size:150xh 170 cm - 3 wings (50 cm each)
200xh 170 cm - 4 wings (50 cm each)
Made in Italy.

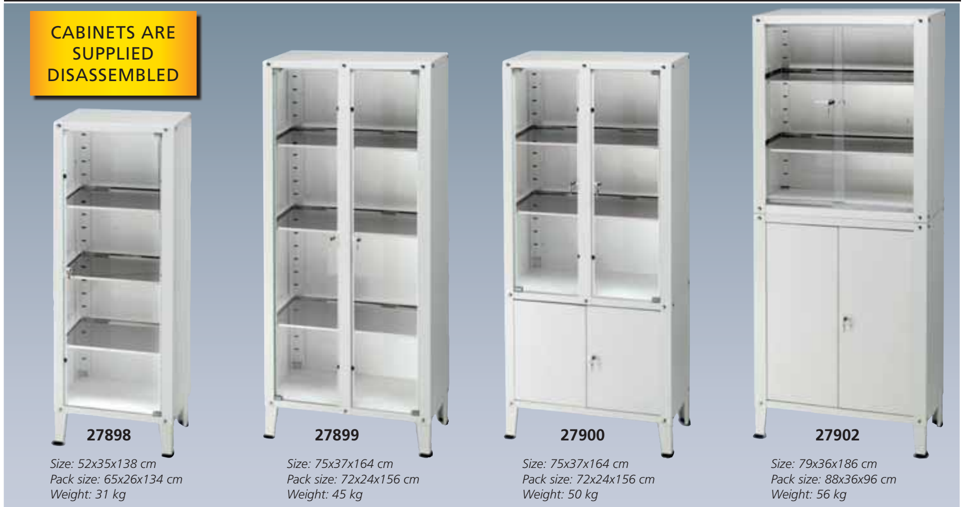
SEPARATION SYSTEMS AND CURTAINS see page 106

## 2 OR 3 WINGS WARD SCREENS WITH TREVIRA OR COTTON CURTAINS

- **45578 2 WINGS SCREEN - white cotton cloth**
- **45579 2 WINGS SCREEN - light blue Trevira**
- **45580 3 WINGS SCREEN - white cotton cloth**
- **45581 3 WINGS SCREEN - light blue Trevira**

Exclusive 2 or 3 wings ward screens with sturdy structure in oval tube (30x15 mm), painted with epoxidic powder metal grey.
Light blue Trevira curtains or white washable cotton cloth.
Equipped with 4 adjustable feet that ensure increased stability.
Class I Medical Device complying with European Directive 93/42
Made in Italy.

## CABINETS FOR MEDICINES AND INSTRUMENTS - MADE IN ITALY



27898: *Size: 52x35x138 cm*
*Pack size: 65x26x134 cm*
*Weight: 31 kg*

27899: *Size: 75x37x164 cm*
*Pack size: 72x24x156 cm*
*Weight: 45 kg*

27900: *Size: 75x37x164 cm*
*Pack size: 72x24x156 cm*
*Weight: 50 kg*

27902: *Size: 79x36x186 cm*
*Pack size: 88x36x96 cm*
*Weight: 56 kg*

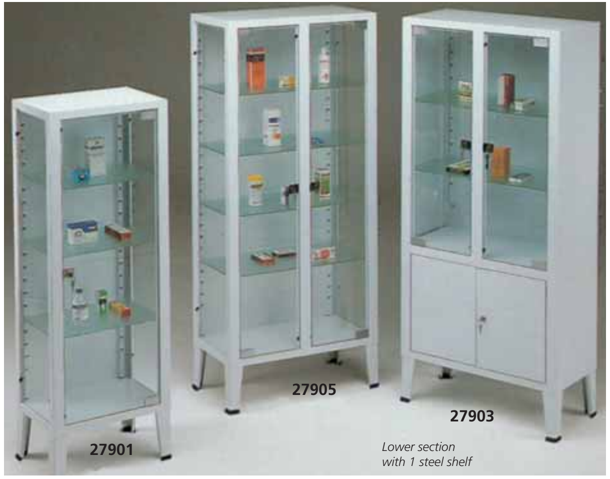
- **27898 VALUE CABINET - 1 door**
- **27899 VALUE CABINET - 2 doors**

Cabinets made of enamelled steel sheet with tempered glass doors. Hinged glass door with lock and key.
Three stainless steel shelves adjustable in height.
Delivered in kit form.

- **27900 VALUE CABINET - 4 doors (hinged)**
- **27902 VALUE CABINET - 4 doors (2 hinged, 2 sliding)**

Cabinets made of enamelled steel sheet with 2 overlapped compartments. Upper compartment with 2 tempered glass door (hinged door 27900 or sliding door 27902), lock with key and 2 stainless steel, height adjustable shelves. Inferior compartment with 2 doors made of enamelled steel plate and 1 enamelled steel sheet shelf. Delivered in kit form.

## CABINETS WITH 1, 2, 4 DOORS AND WALL CABINETS



*Lower section with 1 steel shelf*

27912

*Hanging cabinet with 2 lockable doors. Inside division in 2 compartments left side with 2 removable shelves, right side with 1 removable shelf.*

27911

*Hanging cabinet to keep medicine with 2 glass tempered doors and 2 tempered glass shelves adjustable on master rack to be hanged by two holes on the back*

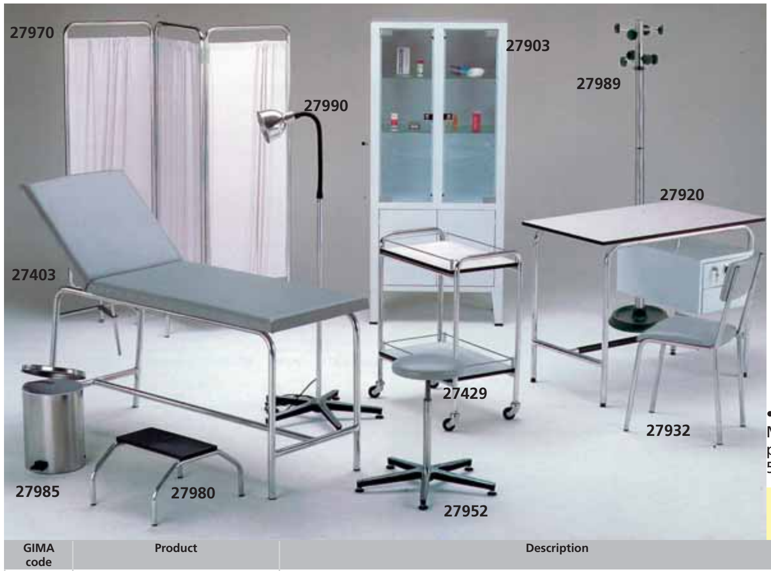
**GIMA CABINETS** Choice of cabinets with epoxy coated steel structure and tempered glass. Rack-mounted adjustable glass shelves. Rubber feet.

| TECHNICAL SPECIFICATIONS | 27901 | 27905 | 27903 | 27911 | 27912 |
|---|---|---|---|---|---|
| Door: | 1 | 2 | 4 | 2 | 2 |
| Adjustable glass shelves: | 3 | 4 | 3 | 2 | 2 |
| Weight kg: | 30 | 47 | 45 | 16 | 18 |
| Size cm: | 53x36xh 144 | 75x38xh 169 | 75x38xh 169 | 60x30xh 60 | 80x33xh 45 |

- **27901 CABINET - 1 door**
- **27905 CABINET - 2 doors**
- **27903 CABINET - 4 doors**
- **27911 WALL CABINET - glass sliding door**
- **27912 WALL CABINET - painted door**

All cabinets are made in Italy.

## DOCTOR CABINET



**EN 60598-1**
**EN 60598-2-4**

*Metal tubular frame with fixed height 100 cm and flexible arm 38 cm.*

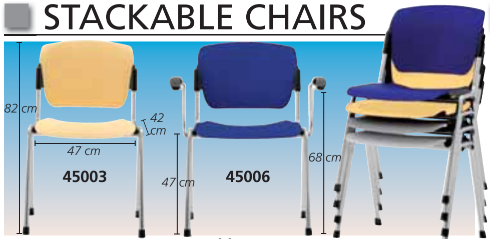
- **27990 STUDIO LIGHT**

Metal tubular frame with plastic base Ø 60 cm with 5 plastic wheels.

**TECHNICAL SPECIFICATIONS**
100 Watt lamp (not included)
Power supply: 230 V

| GIMA code | Product | Description | Size | Weight |
|---|---|---|---|---|
| **27920** | DESK - with 2 drawers | Desk with 2 side drawers with locking top drawer and enamelled tubular steel frame | 120x70x78 | 31 |
| **27403** | EXAMINATION COUCH | Single-hinged examination table with aluminium tubular frame. Comes complete with simulated leather mattress (grey), backrest adjustable throught different positions. Delivered in kit form. | 176x60x78 | 22 |
| **27989** | COAT HANGER | Free-standing coat hanger with chromed steel frame with 8 knobs and umbrella holder | | 5 |
| **27990** | LIGHT | Not medical. 100 W. Aluminium tubular frame with 5 spoke base on 50 mm castors. Adjustable height thanks to flexible arm. Lamp not included. | | 3 |

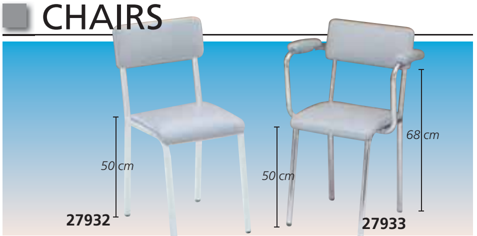
## STACKABLE CHAIRS



- **45001 STACKABLE CHAIR - blue**
- **45002 STACKABLE CHAIR - grey**
- **45003 STACKABLE CHAIR - peach**
- **45006 STACKABLE CHAIR with arms - blue**

Chromed steel frame, self-estinguishing plastic seat.
Stackable up to 20 chairs. Weight 5 kg (45001-3), or 6.8 kg (45006).
Self-estinguishing Class 1. Made in Italy.

## CHAIRS



- **27932 CHAIR padded seat**

Stainless steel white painted frame chair with grey padded seat and back. Stackable. Load 120 kg.

- **27933 CHAIR padded seat with armchairs**

Same as 27932 but with padded arm-rests.
Made in Italy.

## S/S WASTE BINS WITH PEDAL

- **27984 WASTE BIN 9.5 l - with pedal - Ø 25xh 35 cm**

Made of enamelled steel with plastic inner bucket - weight: 2 kg

- **27985 S/S WASTE BIN 9.5 l - with pedal - Ø 25xh 35 cm**

Made of AISI 304 stainless steel with plastic inner bucket - weight: 2 kg

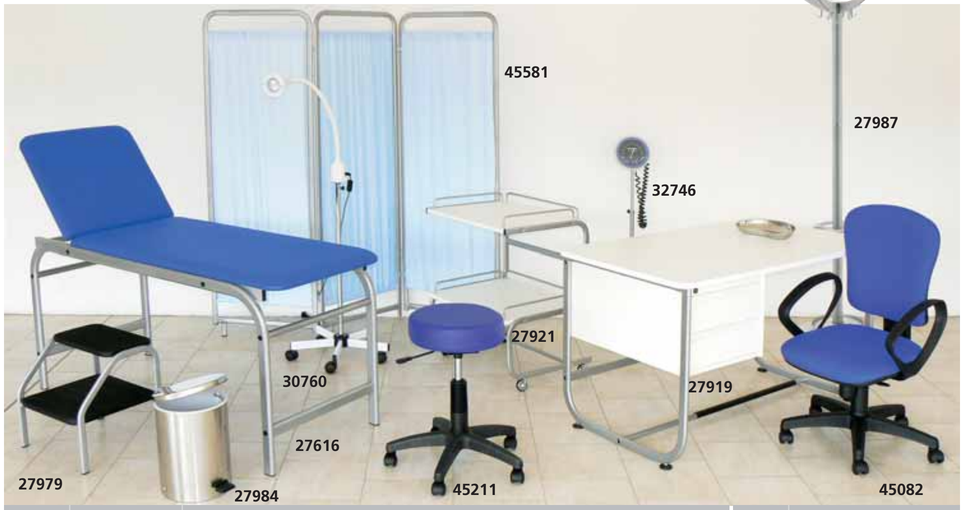
- **27986 S/S WASTE BIN 12 l with pedal - Ø 32xh 36 cm**

Made of stainless steel AISI 430. Metal handle for easy emptying. Removable inner plastic bucket. Made in Italy.

- **27983 S/S WASTE BIN 70 l with pedal - Ø 42xh 72 cm**

Made of stainless steel. Non-slip rubber pedal.
Two lateral handles avoid fingers pinching. Galvanized inner bucket with handle. Made in Italy.

## DOCTOR CABINET



| GIMA code | Product | Description |
|---|---|---|
| 27919 | DESK -with 2 drawers | Desk with 2 lockable side drawers with strong structure in oval tube painted with epoxy powder, metal grey. White work top with rubber edge and round corner. Size 130x71xh80 cm |
| 45581 | WING SCREEN Trevira curtain | 3 wings screen with sturdy structure in oval tube, painted with epoxy powder metal grey. Light blue Trevira curtains. Curtains specifications see page 137 |
| 45580 | WING SCREEN | Same as above but with white washable cloth. |
| 27921 | TROLLEY | Structure in oval tube, painted with epoxy powder metal grey. White shelves with PVC edge, guard-rail on 3 sides. Size 50x60xh80 cm |
| 27987 | COAT HANGER | Free standing coat hanger with 5 knobs, epoxy powder grey painted steel structure and umbrella holder. |

| GIMA code | Product |
|---|---|
| 27616 | KING EXAM. COUCH<br>See page 133 |
| 30760 | SIMPLEX LIGHT<br>See page 204 |
| 27984 | WASTE BIN<br>See page 139 |
| 45211 | STOOL<br>See page 141 |
| 45082 | CREMONA CHAIR<br>See page 142 |
| 27979 | FOOT-STOOL - two steps<br>See below |

## DESK

- **27919 DESK with 2 drawers**

Desk with 2 lockable side drawers with strong structure in oval tube painted with epossidic powder, metal grey.
White work top with rubber edge and round corner.
Size 130x71xh 80 cm
Made in Italy.

## TROLLEY

- **27921 TROLLEY**

Structure in oval tube, painted with epossidic powder metal grey.
White shelves with PVC edge, side-rail on 3 sides.
Size 50x60xh 80 cm
Maximum load: 30 kg
Made in Italy

## FOOT STOOLS - 1 OR 2 STEPS

- **27980 FOOT-STOOL - one step - aluminium**
- **27982 FOOT-STOOL - two steps - painted**

Mounting steps with painted tubular frame and plastic foot board.
Load 90 kg.
Non slipping grey platform 40x20.
Size: 40x51xh 25 (27980),
40x53xh 44 (27982).
Made in Italy.

- **27978 FOOT-STOOL - one step**
- **27979 FOOT-STOOL - two steps**

Structure in oval tube 30x15 painted with epossidic powder.
Non slipping black platform.
Size: 45x26xh 20 cm
44x40xh 22/45 cm
Maximum load: 100 kg
Made in Italy.

- **27976 FOOT-STOOL - one step - disassembled**
- **27977 FOOT-STOOL - two steps - disassembled**

Structure made of chrome plated steel tube with rubber feet.
Non slipping black plastic platform.
Size: 40xh 24 cm (27976)
40xh 42 cm (27977)
Delivered in kit form.
45x27xh 9 cm (27976)
51x42xh 12 cm (27977)
Made in Italy.

27980

27982

27978

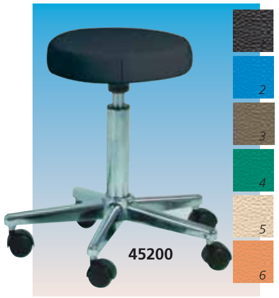
27979

27976

27977

DELIVERED DISASSEMBLED

## HEIGHT ADJUSTABLE STOOLS - MADE IN ITALY



AVAILABLE IN 6 COLORS

- **45200 STOOL 1 - black**
- **45201 STOOL 2 - blue**
- **45202 STOOL 3 - grey**
- **45203 STOOL 4 - green**
- **45204 STOOL 5 - beige**
- **45205 STOOL 6 - apricot**

Padded simulated leather seat Ø 30 cm.
Height adjustable 50 to 60 cm.
Fire proof.
Metal base with 5 castors.

45200

45201

45202

45203

45204

45205

- **45210 STOOL - black** ■
- **45211 STOOL - blue** ■
- **45212 STOOL - white** □

Padded simulated leather seat Ø 36 cm.
Height adjustable 50-60 cm
Plastic base with 5 castors.

- **45220 STOOL - black** ■
- **45221 STOOL - white** □
- **45222 STOOL - red** ■

Padded fire proof simulated leather seat and back. Height adjustable. Plastic base with 5 castors and chromed ring.

- **27950 STOOL - feet**
- **27951 STOOL - castors**

Stainless steel seat AISI 304 Ø 32 cm. Height adjustable 47-59 cm (27950). Plastic base. Made in Italy.

- **27948 STOOL - feet**

Stainless steel seat AISI 304 Ø 32 cm. Height adjustable 47-59 cm. Aluminium base with feet. Made in Italy.

- **27952 STOOL - grey** ■

Washable padded simulated leather seat Ø 31 cm. Height adjustable 50-62 cm. Plastic base with foot. Made in Italy.

- **27953 STOOL - grey** ■

Washable padded simulated leather seat Ø 31 cm. Height adjustable 54-66 cm. Plastic base with 5 castors. Made in Italy.

## HEIGHT ADJUSTABLE STOOLS

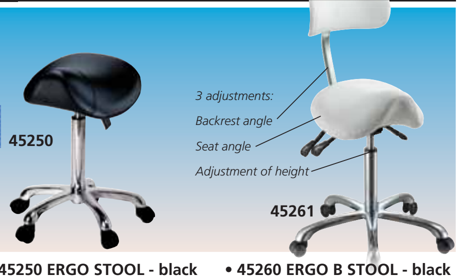
- **45230 STOOL - black**
- **45231 STOOL - white**
- **45232 STOOL - blue**
- **45233 STOOL - green**
- **45234 STOOL - beige**

Padded simulated leather seat Ø 33 cm.
Height adjustable 53 to 68 cm
- **45228 CASTORS - spare**

- **45240 STOOL - black**
- **45241 STOOL - white**
- **45242 STOOL - blue**
- **45243 STOOL - green**
- **45244 STOOL - beige**

Padded simulated leather seat Ø 33 cm with backrest.
Height adjustable 53 to 68 cm
- **45228 CASTORS - spare**

## ERGONOMIC HEIGHT ADJUST. STOOLS



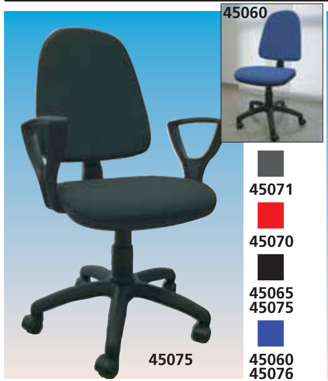
- **45250 ERGO STOOL - black**
- **45251 ERGO STOOL - white**
- **45252 ERGO STOOL - blue**

Ergonomically designed comfortable stool with saddle-shaped seat and height adjustment with a gas piston.
Height adjustable 52 to 67 cm
- **45228 CASTORS - spare**

- **45260 ERGO B STOOL - black**
- **45261 ERGO B STOOL - white**
- **45262 ERGO B STOOL - blue**

Ergonomically designed comfortable stool with saddle-shaped seat. Three levers with a gas piston allow adjustment of height, backrest angle and seat.
Height adjustable 62 to 78 cm
- **45228 CASTORS - spare**

# OFFICE CHAIRS WITH OR WITHOUT ARMREST - MADE IN ITALY

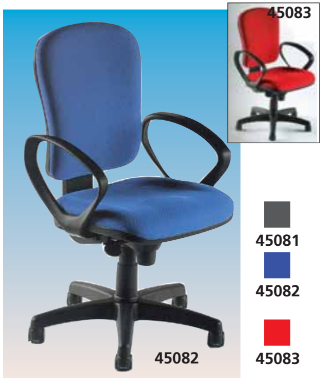


Functional office upholstered chair, with armrests and polypropylene swivel base, movable backrest with permanent contact.

| CUNEO CHAIR without armrest | Red | Grey | Black | Blue | Any colour* |
|---|---|---|---|---|---|
| Fabric | - | - | - | 45060 | 45063 |
| Leatherette | - | - | 45065 | - | 45069 |
| **CUNEO CHAIR with armrest** | | | | | |
| Fabric | 45070 | 45071 | - | - | 45073 |
| Leatherette | - | - | 45075 | 45076 | 45079 |

*Available in 30 days. Minimum order 12 pieces.*
*Select colour on www.gimaltaly.com and indicate with order*

| Weight | Backrest height | Seat height | Width | Depth |
|---|---|---|---|---|
| 12 kg | 98/111 cm | 42/52 cm | 56 cm | 49 cm |



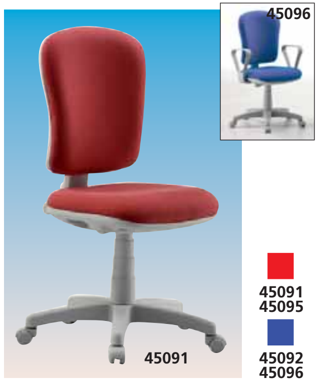
Superior quality chair with neat linens, upholstered seat and backrest for greater comfort, swivel base, armrests, permanent contact movement of the backrest.

High density foam.

UNI EN 1335/1/2/3. Maximum load: 110 kg.

| CREMONA CHAIR with armrest | Red | Grey | Blue |
|---|---|---|---|
| Fabric | 45083 | 45081 | 45082 |

| Weight | Backrest height | Seat height | Width | Depth |
|---|---|---|---|---|
| 12 kg | 90/107 cm | 45/52 cm | 58 cm | 44 cm |



Quality chair with upholstered seat and backrest, permanent contact movement of backrest and swivel base.

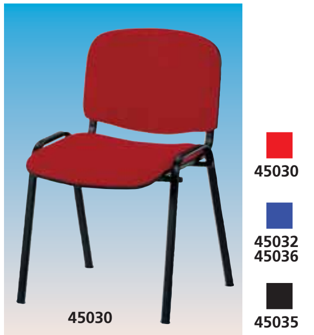
Maximum load: 110 kg.

UNI EN 1335/1/2/3.

| VARESE CHAIR without armrest | Red | Blue |
|---|---|---|
| Fabric | 45091 | 45092 |
| **VARESE CHAIR with armrest** | | |
| Fabric | 45095 | 45096 |

| Weight | Backrest height | Seat height | Width | Depth |
|---|---|---|---|---|
| 11.6 kg | 94/112 cm | 46/59 cm | 60 cm | 47 cm |

# VISITOR CHAIRS



- **45030 ISO - fabric - red**
- **45032 ISO - fabric - blue**
- **45035 ISO - leatherette - black**
- **45036 ISO - leatherette - blue**

Comfortable upholstered chair with 4 legged frame.

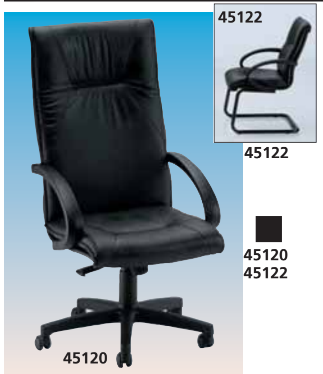
Can be used for patient and waiting rooms, with Cuneo, Cremona and Varese chairs.

Comfortable seat made of expanded polyurethane hit injected heliocell foams.

Maximum load: 110 kg.

| Weight | Backrest height | Seat height | Width | Depth |
|---|---|---|---|---|
| 7 kg | 82 cm | 45 cm | 53 cm | 43 cm |

# EXECUTIVE CHAIRS

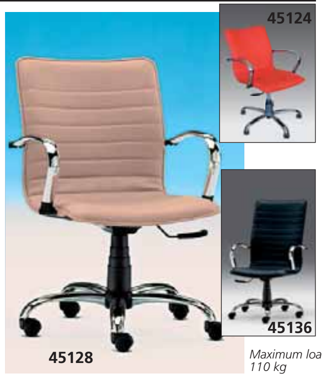


- **45120 SALISBURGO executive swivel chair - leather - black**
- **45122 SALISBURGO visitor cantilever chair - leather - black**

High and low back stylish executive chairs. Refined lines and maximum comfort. 2 positions tilting movement, swivel base, polypropylene armrests, height adjustable by gas pump.

Maximum load: 110 kg.

| GIMA code | Weight | Backrest height | Seat height | Width | Depth |
|---|---|---|---|---|---|
| 45120 | 17 kg | 118/128 cm | 43/53 cm | 62 cm | 55 cm |
| 45122 | 14 kg | 95 cm | 45 cm | 62 cm | 55 cm |



*Maximum load: 110 kg*

**ELITE EXECUTIVE CHAIR**

Executive low-backed or high-backed armchair. Fabric or leatherette.

Steel and chrome plated base and arms.

Height adjustable by gas pump.

| ELITE low-backed chair - 83-93 cm | Red | Black | Beige | Any colour* |
|---|---|---|---|---|
| Fabric | 45124 | - | - | 45126 |
| Leatherette | - | 45127 | 45128 | 45132 |
| **ELITE PLUS high-backed chair - 101-111 cm** | | | | |
| Leatherette | - | 45136 | - | 45140 |

**Available in 30 days. Minimum order 4 pieces.*
*Select colour on www.gimaltaly.com and indicate with order*

| Weight | Backrest height* | Seat height | Width | Depth |
|---|---|---|---|---|
| 14.5 kg | 83/93 cm | 39/49 cm | 51 cm | 45 cm |

**Low-backed chair*

# X-RAY ILLUMINATORS - LIGHT BOXES

**X-RAY ILLUMINATORS**

GIMA light boxes are designed according to clinical standards for an extra white light and precise reading of any detail. They incorporate a 3 mm acrylic screen compliant with safety norms (fuses, Schuko plug, green light On/Off, ...).

Can be used on the table placed horizontally or vertically, depending on model or wall mounted.

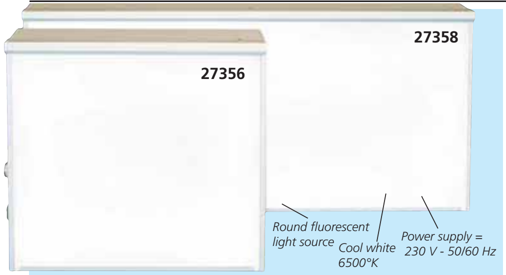
Body made of oven-fired epoxy powder coated aluminium and injected ABS (colour RAL 7035).

**TECHNICAL SPECIFICATIONS**

Colour temperature: Cool white 6,500 °K
Power supply: 230 V - 50 Hz (60 Hz available with surcharge)
Protection fuse: 2x1A
Bipolar light switch
Schuko plug with 2 m cable
All components UL, DVE, IMQ approved
Made in Italy
CE

| GIMA code | X-RAY ILLUMINATORS - LIGHT BOXES | External dimensions (cm) Length | Height | Depth | Weight | Types |
|---|---|---|---|---|---|---|
| 27364 | Light box 38x38 cm | 43 | 43 | 12 | 6 | 1 panel |
| 27365 | Light box 38x62 cm | 67 | 43 | 12 | 8 | 1,5 panel |
| 27366 | Light box 38x92 cm | 97 | 43 | 12 | 11 | 2 panels |
| 27367 | Light box 38x122 cm | 127 | 43 | 12 | 14 | 3 panels |
| 27368 | Light box 38x153 cm | 158 | 43 | 12 | 18 | 4 panels |
| 27369 | Light box 76x122 cm | 127 | 2x43 | 12 | 28 | 2x3 panels |
| 27370 | Light box 76x153 cm | 158 | 2x43 | 12 | 36 | 2x4 panels |
| 27372 | Light box 92x38 cm | 43 | 97 | 12 | 11 | 2 panels vertical |
| 27373 | Light box 122x38 cm | 43 | 127 | 12 | 14 | 3 panels vertical |
| 27378 | Neon tube for 27364 | | | | | |
| 27379 | Neon tube for 27366, 27372 | | | | | |

# VALUE FOR MONEY LIGHT BOXES


27358
27356
Round fluorescent light source
Cool white 6500°K
Power supply = 230 V - 50/60 Hz

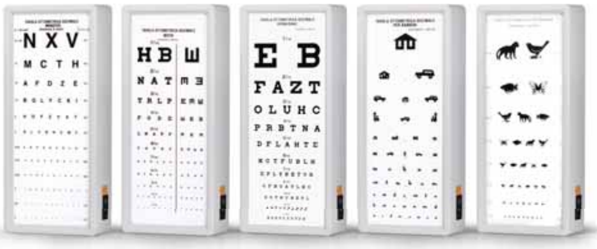
GIMA X-ray illuminators have been designed according to clinical recommendations for an extra white light to give an accurate and precise reading of any detail. Manufactured with metacrylate screen, and according to safety norms (fuses, Schuko plug, green light on/off, ...). The unique film gripping system gives full use of viewing area. White colour.

Made in Italy.

AVAILABLE ALSO WITH ADJUSTABLE LIGHT

| GIMA code | X-RAY ILLUMINATORS - LIGHT BOXES | External dimensions (cm) Length | Height | Depth | Weight | Types |
|---|---|---|---|---|---|---|
| 27356 | 36.5x40 cm | 38.5 | 43.5 | 11 | 5.4 | 1 panel |
| 27357 | 36.5x40 cm - adjustable | 38.5 | 43.5 | 11 | 5.4 | 1 panel |
| 27358 | 75x40 cm | 77 | 43.5 | 11 | 11 | 2 panels |
| 27359 | Round fluorescent light - spare | | | | | |

# ILLUMINATED AND NOT ILLUMINATED OPTOMETRIC CHARTS



| MONOYER | MIXED DECIMAL | ARMAGNAC | CHILDREN | ANIMALS |
|---|---|---|---|---|
| 3m | 3m | 5m | 3m | 5.5m |
| • 27381 | • 27382 | • 27380 | • 27383 | • 27384 |

GIMA luminous optotypes have been designed according to clinical recommendations for an extra white light to give an accurate and precise reading of any detail. Manufactured with acrylic screen, and according to safety norms (fuses, Schuko plug, green light On/Off,...)

| OPTOMETRIC CHARTS | Illuminated GIMA code | Not illuminated GIMA code |
|---|---|---|
| Armagnac - 5 m | 27380 | 27390 |
| Monoyer - 3 m | 27381 | 27391 |
| Mixed decimal - 3m | 27382 | 27392 |
| Children - 3 m | 27383 | 27393 |
| Animals - 5 m | 27384 | - |
| Spare Tube 700 | 27388 | - |

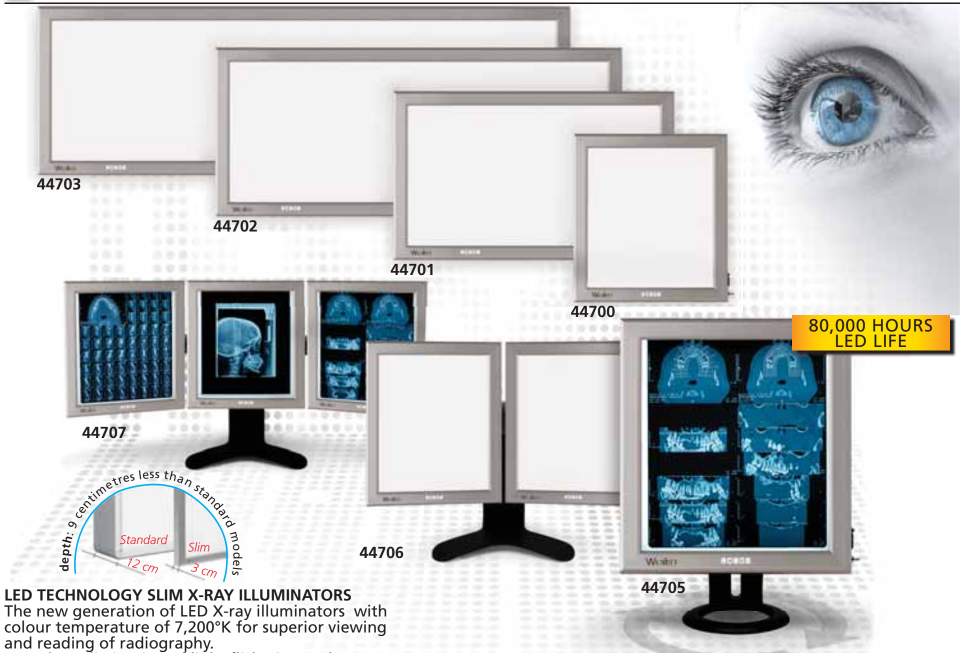
**TECHNICAL SPECIFICATIONS**

| | | |
|---|---|---|
| Viewing Area: | 24 x 62 cm | 24 x 61 cm |
| External dimensions: | 29.5x67.5x12 cm | 29 x 66 x 2.5 cm |
| Weight: | 6 kg | 2 kg |

Power supply: 230 V - 50 Hz (60 Hz on request) only 27380-4
Made in Italy
Other specifications like x-ray illuminators 27364-72
CE

See economic optometric charts at page 227.

## LED ULTRA SLIM X-RAY ILLUMINATORS - DESKTOP AND WALL



**LED TECHNOLOGY SLIM X-RAY ILLUMINATORS**
The new generation of LED X-ray illuminators with colour temperature of 7,200°K for superior viewing and reading of radiography.
Complete elimination of light flickering and 3,500 cd/mq luminance for more uniform light diffusion.
Frame in antiscratch anodized aluminium.
Film gripping system incorporated.
Dimmer for luminance adjustment from 30% to 100%.
- FAS: automatic switching on/off at the positioning/removal of the film.

Economic advantages:
- LED life 80,000 hours, with low maintenance costs
- low energy consumption compliant with European law

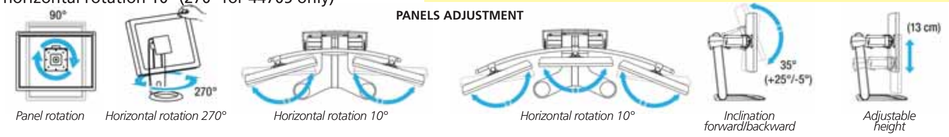
Double support for horizontal or vertical wall mounting or desktop.

**Fully adjustable desktop model:**
Position of panel can be totally adjusted:
- height adjustment 13 cm
- inclination 35° (+25°/-5°)
- vertical or horizontal positioning (44705 only)
- horizontal rotation 10° (270° for 44705 only)

| GIMA code | WALL LED SLIM VIEWERS viewing area | External size - cm Length | Height | Depth | Weight kg | Switches | Types |
|---|---|---|---|---|---|---|---|
| **44700** | Light box 42x36 cm | 46 | 50.5 | 3 | 4 | 1 | ▬ 1 panel |
| **44701** | Light box 42x72 cm | 82 | 50.5 | 3 | 8 | 1 | ▬ 2 panels |
| **44702** | Light box 42x108 cm | 118 | 50.5 | 3 | 12 | 1 | ▬ 3 panels |
| **44703** | Light box 42x144 cm | 154 | 50.5 | 3 | 16 | 1 | ▬ 4 panels |
| **GIMA code** | **DESKTOP LED SLIM VIEWERS viewing area** | **External size - cm Length** | **Height** | **Depth** | **Weight kg** | **Switches** | **Types** |
| **44705** | Light box 42x36 cm x1 | 46x1 | 50.5 | 3 | 6 | 1 | ▬ 1 panel |
| **44706** | Light box 42x36 cm x2 | 46x2 | 50.5 | 3 | 20 | 2 | ▬ 2 panels |
| **44707** | Light box 42x36 cm x3 | 46x3 | 50.5 | 3 | 26 | 3 | ▬ 3 panels |

**TECHNICAL SPECIFICATIONS**
Colour temperature: Cool white 7,200°K
Power supply: 110-230 V - 50/60 Hz
Conformity to Low Voltage Directive 2006/95/CE
Conformity to Electro Magnetic compatibility 2004/108/CE
Conformity to EEC directive 2007/47 medical Device Class I
All components UL, DVE, IMQ approved
Brightness: 3,500 cd/m²
LED life: 80,000 hours
Made in Italy

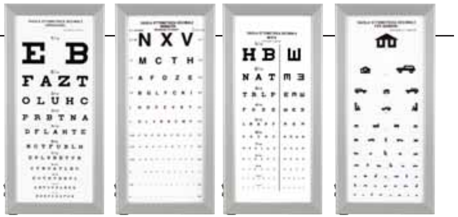
**PANELS ADJUSTMENT**



## LED ULTRA SLIM OPTOMETRIC CHARTS

**LED ULTRA SLIM OPTOMETRIC CHARTS**
New generation of optometric charts with same specifications as above X-ray illuminators. Made in Italy.

| GIMA code | LED ULTRA SLIM OPTOMETRIC CHARTS - WALL | | |
|---|---|---|---|
| | | Viewing area | External size |
| **44710** | Armagnac - 5 m | 25.5x63 cm | 34x72x4 cm |
| **44711** | Monoyer - 3 m | 25.5x63 cm | 34x72x4 cm |
| **44712** | Mixed decimal - 3m | 25.5x63 cm | 34x72x4 cm |
| **44713** | Children - 3 m | 25.5x63 cm | 34x72x4 cm |



44710 44711 44712 44713

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## AIR COMPRESSION THERAPY SOLUTIONS

All human body is supplied by peripheral circulation of blood and lymph.

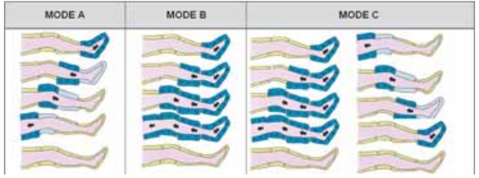
Our systems help patients to recover from their disease by improving blood and lymph circulation and metabolism.

Our systems consist of air chambers and an air pump offering air compression massage to legs, arms or waist.

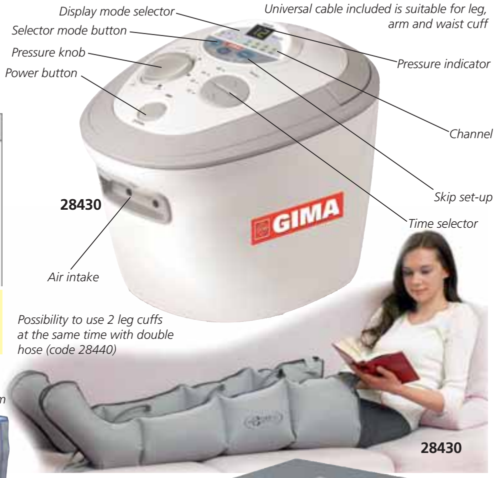
| Medical indications | Home care indications |
|---|---|
| • DVT (Deep Vein Thrombosis)<br>• Lymph edema<br>• Post-paralytic<br>• Limb convulsion<br>• Venosclerosis<br>• Chronic venous insufficiency (CVI)<br>• Post-mastectomy<br>• Post-trauma<br>• Spinal cord injury<br>• Varicose veins<br>• Sciatica<br>• Sprains<br>• Diabetes<br>• Arterial insufficiency | • Lymph edema<br>• Diseases caused by interrupted blood circulation<br>• Cellulitis fat dissolution<br>• Pregnant woman's limb treatment<br>• Benumbed feet or hands<br>• Cold feet or hands<br>• Settlement of stress<br>• Exercise effects<br>• Insomnia<br>• Healthier body and elastic skin<br>• Old age, weakness and fatigue |

- **28430 MAYLEA GIMA DIGITAL COMPRESSION MASSAGE with 2 legs (98x38 cm) - 4 chambers, 1 single and 1 double hose and 2 plastic feet guides**

Skip function to choose directly the parts to be massaged. Fully digital management. Autocalibration functions. Manual: GB, FR, IT, ES. This system can operate with 3 compression modes (A, B, C).



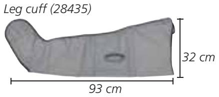
**TECHNICAL SPECIFICATIONS**
- pressure sensor
- digital timer (10, 20, 30, 40 min)
- digital pressure gauge (10~180 mmHg)
- one touch connection hose plug
- body size: 190x250x210 mm
- body weight: 3 kg



*Possibility to use 2 leg cuffs at the same time with double hose (code 28440)*

- **28435 LEG 93x32 cm**
- **28434 LEG EXTENSION ZIPPER - 10 cm extra extension**
- **28440 DOUBLE HOSE - to use two leg cuffs at the same time - spare**
- **28436 ARM CUFF unique size - 86x29 cm**
- **28437 WAIST CUFF 130x38 cm**

*Waist cuff 130x38 cm (28437)*



*Leg cuff (28435)*

*Arm cuff (28436)*

- **28441 MK400L PROFESSIONAL COMPRESSION SYSTEM with 2 legs (XL), and 2 single hoses**

MK400L is a professional air compression therapy system with essential functions for different kinds of patients. This system provides 3 compression modes (wave, squeezing, double squeezing), reverse compression settings, skip functions to select directly part to be pressurized and compression speed controller. Touch key pad display. Manual: GB, IT, ES.

PROFESSIONAL AIR COMPRESSION SYSTEM

**28441** *2 hose plugs connections*

**TECHNICAL SPECIFICATIONS**
- Pressure range: 10~200 mmHg
- Automatic pressure detection
- Operating voltage: 220-240 V, 50/60 Hz, 50 VA
- Use time: 1~90 minutes
- Body size: 415x310x160 mm
- Body weight: 6.5 kg

*You can use 2 cuffs at the same time, MK400 has 2 connection plugs*

**28447**

**28446**

*6 chamber legs*

- **28442 LEG CUFF L - 6 CHAMBERS - spare**
- **28443 LEG CUFF XL - 6 CHAMBERS - spare**
- **28444 LEG EXTENSION ZIPPER XL - 10 cm extra extension for 28443**
- **28445 SINGLE HOSE - spare**
- **28446 ARM CUFF - 6 CHAMBERS - universal**
- **28447 WAIST CUFF - 6 CHAMBERS - min-max girth 94-125 cm**

**A mode (Wave)**

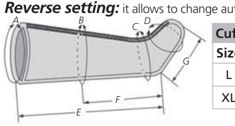
*The selected air chamber inflates and deflates by one chamber sequentially from foot up to thigh.*

**B mode (Squeezing)**

*After all the selected air chambers inflate sequentially from foot up to thigh the inflated chambers deflate at once.*

**C mode (B mode two times + Reverse A mode 1 time)**

*The selected air chambers inflate and deflate by two chambers sequentially from foot up to thigh.*
***Reverse setting:*** it allows to change automatically the selected mode to reverse mode.

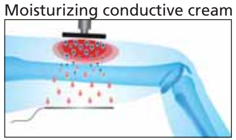


| Cuff | Leg dimension (cm) | | | | | | |
|---|---|---|---|---|---|---|---|
| **Size** | **A** | **B** | **C** | **D** | **E** | **F** | **G** |
| L | 64,0 | 49,5 | 40,5 | 34,5 | 75,0 | 38,0 | 28,0 |
| XL | 73,5 | 55,0 | 42,0 | 35,5 | 85,0 | 43,0 | 31,0 |

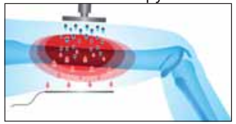
## CR200 - PROFESSIONAL TECAR THERAPY

**• 28364 CR200 TECAR THERAPY**
Diathermy, also known as TECAR Therapy (meaning Capacitive and Resistive Energy Transfer), is a therapy stimulating the physiological healing process by accelerating the recovery time of motor function. Diathermy stimulates tissues endogenous heat production through the interaction of electromagnetic field and tissue. The heat is increased in a uniform controlled way. The electromagnetic interaction results in a ionic flow and consequently increases blood flow in the treated area. This process stimulates endogenous substances release (in particular cortisol and endorphins) that are necessary to reduce inflammations, pain and edemas. The new CR200 resistive/capacitive diathermy is a modern and highly performing device easy to use by professionals. Preset programmes help use the device from the start. Moreover the device can set parameters (power, time therapy, capacitive/resistive modes) according to therapeutic needs. It allows the memorization of customized programmes. In this way patient protocols are easily consulted by therapists at any time. Equipped with a wide graphic display showing therapy parameters and different working modes. Selectable software language (GB, FR, IT, ES).

**• 33251 TECARTHERAPY CONDUCTIVE CREAM 1 l**
Moisturizing conductive cream ideal for Tecar therapy.



***Capacitive mode***
*Electrode coated with ceramic material (mobile) and return plate (fixed). Indicated especially for soft tissues (muscle mass and lymphatic/vascular system). Benefits: specific intervention: easy control of the treated area.*



***Resistive mode***
*Non isolated electrode (mobile) and return plate (fixed). Indicated especially for tissues with greater resistance (bones, joints, tendons, ligaments, cartilages). Benefits: high level of diathermy; chronic diseases with fibrosis and degeneration*

**STANDARD ACCESSORIES**

1 multi-function probe for capacitive and resistive mode
2 electrodes Ø 35 mm (1 resistive + 1 capacitive) with 9.61 cm² effective working area
2 electrodes Ø 60 mm (1 resistive + 1 capacitive) with 28.26 cm² effective working area
1 integrated support for probe
1 steel plate
Bottle of conductive cream 1 kg
Power supply cable
User Manual: GB, IT, ES, FR

**MAIN TREATMENTS**

| | |
|---|---|
| Skeletal-muscle pathologies | Lumbalgy, pubalgy and acute/chronic pain |
| Chondropathy | Osteoarticular pathologies |
| Coxarthrosis | |

**24 REHAB PROGRAMMES**
knee arthrosis, arthrosynovitis, bursitis, cervicalgia, patellar chondropathy, bruises, coxarthrosis, sprain, articular pain, oedema, epicondylitis, epitrochleitis, spinal disk hernia, plantar fasciitis, gonarthrosis, ACL, lymphedema, back pain, meniscopathy, neuropathy, periarthritis, muscle sprain, acute tendinitis, chronic tendinitis

**10 SPORT PROGRAMMES**
Muscle contractures, bruise, muscle stretching, sprain, haematomas, tendon injury, superficial massage, deep massage, muscle recovery, muscle sprain

**TECHNICAL SPECIFICATIONS**

Power supply: 100-240 V, 50/60 Hz
Max power consumption: 300 W (50 ohm load)
Carrier frequency: 485 kHz
Adjustable power: 0-100%
Touch screen graphic display 7"
Preset programmes, free memories

## I-TECH LA 500 LASER THERAPY

**• 28410 I-TECH LA 500 LASER THERAPY**
Laser therapy device equipped with a new probe with an emitting diode that allows beam laser application directly to the treatment area.
I-TECH LA 500 is able to stimulate deep tissues by promoting a rapid cellular regeneration thanks to 500 mW power output and 810 nm wavelength. Professional user can adjust power output,therapy time and operation mode (continuous or pulse).
I-TECH LA 500 guarantees a fast intervention for the treatment of inflammatory and degenerative pathologies in orthopedic, neurologic and dermatologic area.
Thanks to its high performance healing time is significantly reduced. Supplied with probe, belts for probe fastening and safety glasses.
Manual in: GB, IT, FR, ES.

**LASER THERAPY**

The laser therapy uses the effects of energy produced by the light source penetration into the tissues.
Biochemical reactions are activated across the cellular membrane.
It has been observed that right doses of Laser light can stimulate cellular functions, in particular into the cells damaged by functional deficits.
The main effects of Laser therapy are:
- improved blood flow: capillary and artery vasodilatation that results in local heat increase
- biostimulation: accelerated tissues repair, stimulation of protein synthesis, ADP production, electrolyte changes in the intra- and extra-cellular fluids and mitosis of fibroblasts, increase of collagen and elastin
- anti-inflammatory effect
- anti-oedema effect: lymphatic drainage stimulation
- analgesic effect

**TECHNICAL SPECIFICATIONS**

Power supply: 230 V, 50-60 Hz, ±10%
Maximum laser output: 500 mW ± 20%
Adjustable laser power output: 0%-100%
Laser diode wavelength: 810 nm
Beam divergence angle: 260 mrad
Continuous output emission
Fixed emission frequency
Fixed width duration
Continuous or pulse mode of operation
Pointing red light
Diode probe (with reserved connection)
Adjustable therapy time: 0-30 minutes
Diameter of laser beam: <10 mm
Dimensions: 300x150x120 mm

**MAIN TREATMENTS**

- Polyarthritis - Epicondylitis/Epitrochleitis - Knee pain - Myositis
- Oedema - Sciatalgy/Lumbago - Articular sprains - Chronic Tenosynovitis - Muscle strains - Overcharge pathologies - Ecchymosis - Bursitis - Degenerative arthritis - Adhesive capsulitis - Arthrosis pains - Post-traumatic disorders
- Scars - Rheumatic diseases

## I-TECH UT2 - PROFESSIONAL ULTRASOUND THERAPY

**• 28358 I-TECH UT2 ULTRASOUND THERAPY - 2 probes**
Professional ultrasound device equipped with 2 handles respectively with 5 cm² and 1 cm² probe. Its equipment and parameters setting allow high performance suitable for professional users.
It is provided with 10 preset programmes within which professional user can adjust following parameters:
- Frequency (1 or 3 MHz)
- Effective intensity (up to 3 W/cm²)
- Duty cycle (10%÷100% stepping 10)
- Therapy time (up to 30 minutes)

**APPLICATIONS**

Tendinitis - Bursitis/Capsulitis - Hematomas and tissue reconstruction - Muscle contractures/Cramps - Neuralgias - Periarthritis - Cervicalgias - Sciatalgy/Lumbalgy - Carpal tunnel syndrome - Epicondylitis/epitrochleitis - Contusions/sprains - Chondropathy - Massage - Arms/abdomen/legs/gluteus cavitation - Acne

**STANDARD ACCESSORIES**

1 handle with 5 cm² probe
1 handle with 1 cm² probe
1 power supply cable
1 power supply 15 V, 3 A
1 ultrasound gel
User manual: GB, IT, ES, FR

**TECHNICAL SPECIFICATIONS**

Operating voltage: 100-240 V, 47/63 Hz, 1.35A, output 15V 3A max
Ultrasound frequency: 1 MHz ± 10% and 3 MHz ±10%
Output power: 0.5-10 W ± 20% when duty cycle ≥ 80% for 5 cm² ultrasound head
0.5-15 W ±20% when duty cycle ≤ 70% for 5 cm² ultrasound head
0.1-2 W ±20% when duty cycle ≥ 80% for 1 cm² ultrasound head
0.1-3 W ±20% when duty cycle ≤ 70% for 1 cm² ultrasound head
Max Power: 3 W/cm² ± 20% (1 MHz); 3 W/cm² ± 20% (3 MHz)
Working frequency: 100 Hz
Duty cycle: 10%-100% stepping 10%
Maximum adjustable therapy time 30 minutes
Effective radiating area 5 cm² ± 20%; 1 cm² ±20%
Collimated beam type
Ultrasound head (material) aluminium
Direct contact and water immersion use
Led indicator
Size: 350x186x86 mm

## GIMA UT AUTOMATIC: ULTRASOUND THERAPY UNIT

*Size: 360x265x150 mm Weight: 8 kg*

**TECHNICAL SPECIFICATIONS**

Treatment time: programmable from 1 to 30 minutes
Selectable pulse/time%: 10%-20%-30%-50%-100%
Pulse frequency: 2 pulses/second
Max. intensity: 3 W/cm²
Operating voltage: 115/230 V - 50/60 Hz - switchable
Electrical safety class I BF - Norms: EN 60601, EN 60601-2-5

**• 28310 GIMA UT AUTOMATIC ultrasound therapy unit without head**
Automatic system for ultrasound therapy which can use ultrasound head with oscillation frequency from 1 MHz to 3 MHz. Pulse frequency is 2 pulses/second. Modulation degree is selectable from 10% to 100%, through a digital keyboard.
It is provided with digital adjustment of intensity with numeric indication. Maximum output power is: 37.7 W (3 W/cm²).
Luminous read-out for distributed power.
Gima UT is recommended for: ultrasound lipoclasia, sports medicine, arthritis, arthrosis, neuralgia and backpain.
Supplied with power cord and user's manual. Made in Italy.

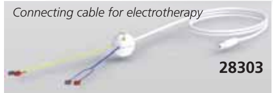
**• 28312 1 MHz ULTRASOUND HEAD Ø 60 mm**
1 MHz frequency is recommended for physiotherapy.

**• 28313 3 MHz ULTRASOUND HEAD Ø 60 mm**
3 MHz frequency is recommended for aesthetics.

## GIMA UTC 2: COMBINED ULTRASOUND AND ELECTROTHERAPY UNIT

**• 28301 GIMA UTC 2 AUTOMATIC**
UTC 2 is a programmable driver unit for ultrasound transducers with working frequencies from 1 up to 3 MHz together with 2 channels of electrotherapeutic current. UTC 2 delivers continuous or modulated ultrasound with programmable intensity and delivery time, suitable for thermo therapeutic deep treatment of different pathologic conditions. UTC 2 transducer handpieces can be used under water. UTC 2 delivers Dyadinamic, Faradic, Galvanic, Impulsive, T.E.N.S. and Bipolar electrotherapeutical currents.
- high brightness graphic touchscreen display
- intuitive icons interface
- controls of unit by multifunction knob, keys or touchscreen
- possibility to upgrade
- wide range of preset protocols
- customized programmes
- multi frequency handpieces
- automatic identification of the connected accessory
- continuous or pulsed delivery
- combined with electrotherapy
- sequence of treatment phases planning for each channel
- independent channels
- safety control blocks the output current in case of accidental disconnection of electrodes.

6 language software: GB, FR, IT, ES, DE, PT. Made in Italy.
**• 28302 1-3 MHz ULTRASOUND HEAD Ø 15 mm**
**• 28303 CONNECTING CABLE for electrotherapy - spare**
**• 28304 CLIP RUBBER ELECTRODES 120x80 mm - box of 12**
**• 28305 CLIP RUBBER ELECTRODES 45x60 mm - box of 12**
**• 28323 VELCRO ELASTIC BAND 100x8 cm - spare**



*Connecting cable for electrotherapy*
28303

*Standard 1-3 MHz ultrasound head Ø 35 mm*

**TECHNICAL SPECIFICATIONS**

Output frequency (MHz): 1.0 to 3.0
Max intensity (W/cmq): 3.0
ET channels: 2
Electrical input power (VA): 70
Max output direct current (mA): 30
Max output pulse current (mA): 70
Max output voltage (Vdc): 100
Power supply (Vac/Hz): 90-240 / 50-60

**STANDARD ACCESSORIES**

1-3 MHz ultrasound head Ø 35 mm
Connecting cable for electrotherapy 1-2 (28303)
4 rubber electrodes 120x80 mm; 4 rubber electrodes 45x60 mm
3 velcro elastic belt: 8x40, 8x60, 8x100 cm
Power cable 2 m

## T-ONE COACH AND T-ONE MEDI SPORT - 4 CHANNELS ELECTROTHERAPY

**• 28401 T-ONE COACH ELECTROTHERAPY - 4 channels**
A high performant muscle stimulator designed to improve your physical activity. Thanks to easy to use programs, it represents the ideal device for not professional athletes and for sports lovers in general. It is not only a muscle stimulator equipment. It is supplied by TENS protocols for pain relief and injuries recovery.

**• 28402 T-ONE MEDISPORT ELECTROTHERAPY - 4 channels**
Professional equipment specifically designed for sport specialist users. Thanks to its muscle stimulation specialized programs it improves the sport performance. It is not only intended to increase your strength, it helps the recovery of sport injuries with specific treatment protocols.

**Main features**

- constant current generator (can guarantee a constant current even when skin condition changes, the device automatically stops in the event of accidental electrodes disconnection)
- four independent channels unit (up to 8 connectable electrodes)
- compensated biphasic square wave: current quantity from positive pole to negative one is constant to avoid polarization effect;
- monophasic wave generator (only for iontophoresis programs)
- 2+2 users programs
- backlight graphic colour display
- user feedback: the device recognizes patient connection
- soft-touch easy to use keyboard
- on-line 5 languages guide (GB, FR, IT, ES, DE) on display for fast instructions
- 4,8 V rechargeable battery pack

*Size: 150x90x35 mm*

CE 0476

**28401** **28402**

- personalized programs for man and woman
- maximum intensity 240 mApp, with 1 mA step regulation

**• 28351 PRE GELLED ELECTRODES 40x40 cm with cable - box of 4**
**• 28373 PRE GELLED ELECTRODES 45x80 cm with cable - box of 4**
**• 28381 IONOPHORESIS KIT - spare**
(1 elastic band, 2 silicone conductive electrodes, 2 sponges)

**STANDARD ACCESSORIES**

4 connection cables (8 connectable electrodes)
Kit of pre-gelled self-adhesive electrodes (square, rectangular, round)
Ionophoresis kit: elastic belt, 2 silicone electrodes, 2 sponges, carrying bag (28402 only)
Internal Ni-Mh rechargeable battery pack and battery charger
Electrode position manual and user manual (GB, FR, IT, ES). On request DE

| BEAUTY | REHA | TENS | NEMS | MEM | 2+2 |
|---|---|---|---|---|---|
| **18 programmes 28401 and 28402** | **10 programmes only 28402** | **16 programmes 28401 and 28402** | **14 programmes 28401 and 28402** | **Only 28402** | **28401 and 28402** |
| Firming up | Ionophoresis L | Tens rapid | Warming up | Tens mem 1 | Tens rapid |
| Toning up | Ionophoresis M | Tens endorphinic | Resistance | Tens mem 2 | Tens endorphinic |
| Definition | Ionophoresis H | Tens max values | Resistance strength | Tens mem 3 | Firming up |
| Modelling | MENS microcurrent | Inflammatory | Basic strength | Tens mem 4 | Toning up |
| Microlifting | Haematomas | Neck pain | Fast strength | Tens mem 5 | Definition |
| Lipolysis abdomen | Oedema | Backache/Sciatic pain | Explosive strength | NEMS mem 1 | Modelling |
| Lipolysis thighs | Tens sequential | Sprains/Bruises | Deep capillarization | NEMS mem 2 | Microlifting |
| Lipolysis glutei and hips | Tens Burst | Vascularization | Muscle recovery | NEMS mem 3 | Muscle relaxant |
| Lipolysis arms | Atrophy prevention | Muscle relaxant | Agonist/Antagonist | NEMS mem 4 | Massage |
| Tissue elasticity | Atrophy | Hand and wrist pain | Sequential tonic contractions | NEMS mem 5 | Capillarization |
| Capillarization |  | Plantar stimulation | Sequential phasic contractions | NEMS alternated | **Only 28402** |
| Heaviness in legs |  | Epicondylitis | Muscle relaxant | NEMS alternated | Inflammatory |
| Face Microlifting Handy Trode |  | Epitroclea | Deep massage | Battery test | Resistance, Resistance strength |
| Breast Microlifting Handy Trode |  | Periarthritis | EMS |  | Basic strength, Fast strength |
| Décolleté Microlifting Handy Trode |  | Tens Burst | **Only 28402** |  | Explosive strength, Hypertrophy |
| Face Wrinkles Handy Trode |  | Microcurrent | 30' Resistance |  | Face Microlifting Handy Trode |
| Forehead Wrinkles Handy Trode |  |  | 30' Resistance strength |  | Breast Microlifting Handy Trode |
| Collagen |  |  | 20' Basic strength |  | Décolleté Microlifting Handy Trode |
|  |  |  | 20' Fast strength |  | Face Wrinkles Handy Trode |
|  |  |  | 20' Explosive strength |  | Forehead Wrinkles Handy Trode |
|  |  |  | 20' Hypertrophy |  |  |

## MIO-SONIC ULTRASOUND THERAPY DEVICE - 9 PROGRAMS

**• 28309 MIO-SONIC ULTRASOUND THERAPY**
Innovative and high performance device both for home use and professional use. It combines compactness and high performances in a small , light and easy to use applicator. The lightness and handiness allows a continuous use without any difficulty.
Mio Sonic can be used for the following applications:

- pain therapy;
- sport injuries;
- aesthetic treatments.

Supplied with gel bottle, carrying and storage bag, medical power supply and multilanguage manual:
GB, FR, IT, ES. On request DE.

**28309**

**TECHNICAL SPECIFICATIONS**

9 programs;
1 MHz ultrasound, maximum output power 6.4 W, maximum intensity 1.6 W/cm²;
Collimated ultrasound beam for an optimal penetration beam;
3 ultrasound beam intensity levels 0,08 W/cm² (low) - 0,8 W/cm² (medium) -1,6 W/cm² (high);
Medical power supply;
Direct contact device (not suitable for water immersion)
Size-weight: 200x47x69 mm - 190 g

CE 0476

**TREATMENTS**

Osteoporosis
Arthritis
Neuralgias
Cervicalgias
Sciatalgy
Sprains
Cruralgy
Wrinkles
Periarthritis
Tendinitis
Pubalgy
Tallonitis
Contusions
Chondropathy
Microlifting
Epitrochleitis
Adhesions
Algodystrophy
Bursitis
Brachialgy
Capsulitis
Stretch marks
Epycondilitis
Lymphedema
Muscular contractures
Cramps
Massage
Drainage
Modelling
Carpal Tunnel
Oedema
Venous stagnation
Arms cavitation
Abdomen cavitation
Limb cavitation
Gluteus cavitation
Lumbalgy
Hematoma
Acne
Phonophoresis

## ORTHOMAG LOW FREQUENCY MAGNETOTHERAPY - 2 PROGRAMMES

*• Osteogenesis*
*• Biostimulation*
*• Pain management*

**28298**

CE 0476

**• 28298 ORTHOMAG low frequency magnetotherapy kit**
A professional low frequency magnetotherapy (PEMF) device that can be used everywhere. Lightweight, comfortable and flexible, fitting your body shape. Battery powered for dynamic use or power socket for use at home or in the office. Orthomag includes 2 programmes (75 Hz and 50 Hz) indicated for bone tissue pathologies, joint diseases and pain management. Up to 25 Gauss per programme. Supplied with rechargeable lithium battery 3.7 V 900 mAh, wall mount charger (cable 1.5 m), universal flexible applicator (cable 1.5 m), test emission magnet, 2 elastic bands (S and L), carrying bag, manual (GB, FR, IT, ES). On request DE.

*In motion magnetotherapy*

## MAG 700 LOW FREQUENCY, HIGH INTENSITY MAGNETOTHERAPY

CE 0476

**28296**

**• 28296 MAG 700 MAGNETOTHERAPY - 1 channel**
New portable magnetotherapy ideal for home therapy. MAG 700 offers a high level of professional performances and it's indicated for several pathologies.
It allows comfortable home therapy through its basic accessories.
MAG 700 has 7 pre-setted programmes for the treatment of several pathologies, 3 programmes identified by the working frequency (from 5 to 20 Hertz) and an Autoscan programme with continuous frequency variation for the treatment of both hard and soft tissues at the same time.
Possibility to adjust the magnetic field intensity for all programmes **up to 70 Gauss.**
Working frequencies are between 5 and 100 Hertz.
Supplied with elastic therapeutic belt with 2 solenoids, power supply, carrying bag and manual (GB, FR, IT, ES).

**28296**

| 11 PROGRAMMES | | |
|---|---|---|
| **7 pre-set programmes** | **3 working freq.+autoscan** | |
| Osteoarthritis | 5 Hz | Autoscan |
| Osteoporosis | 10 Hz | |
| Arthritis | 20 Hz | |
| Fractures | | |
| Articular pain | | |
| Muscle pain | | |
| Anti-inflammatory | | |

## MAG 2000 LOW FREQUENCY, HIGH INTENSITY MAGNETOTHERAPY

CE 0476

*Size: 180x110x50 mm*

**28300**

**• 28300 MAG 2000 MAGNETOTHERAPY - 2 channels - 300 Gauss**
**• 28311 MAG 2000 PLUS MAGNETOTHERAPY - 2 channels - 400 Gauss**
Ideal devices for domiciliary and professional magnetotherapy. **35 programmes: 20 pre-set programmes** for the treatment of several pathologies, **14** programmes identified by the **working frequency** (from 1 to 100 Hertz) and an **Autoscan** programme with continuous frequency variation for the treatment of both hard and soft tissues at the same time.
MAG2000 PLUS has also the possibility to store **10 user memories**, choosing the frequency up to 120 Hz, intensity and therapy time: a great possibility for the professional user who need to use a specific treatment for each patient. Possibility to set the intensity of magnetic field for all the programmes up to **300 Gauss (150 Gauss each channel)** for MAG 2000 or up to **400 Gauss (200 Gauss each channel)** for MAG 2000 Plus to easily treat different body parts through elastic therapeutic belt with 3 solenoids.
Operating power 110-240 V.
Supplied with elastic therapeutic belt with 3 solenoids, couple of professional solenoids (28311 only), power supply, carrying bag and manual (GB, FR, IT, ES). On request DE.

**• 28299 ELASTIC THERAPEUTIC BELT - spare**
Belt with cable with 3 solenoids for low frequency treatments.

**• 28316 COUPLE OF PROFESSIONAL SOLENOIDS**
Couple of professional solenoids Ø 11 cm for high intensity therapy.

**28311**

*Elastic therapeutic belt*

*Couple of professional solenoids*

| 35 PROGRAMMES (28300) - 45 PROGRAMMES (28311) | | | |
|---|---|---|---|
| **20 pre-set programmes** | | **14 working freq.+autoscan** | |
| Osteoporosis | Intercostal Contusion | 1 Hz | 50 Hz |
| Arthrosis | Lumbalgy | 3 Hz | 60 Hz |
| Arthritis | Lumbar pain | 5 Hz | 70 Hz |
| Cervical arthrosis | Shoulder arthrosis | 10 Hz | 80 Hz |
| Articular pain | Knee arthrosis | 15 Hz | 90 Hz |
| Cervical pain | Periarthritis | 20 Hz | 100 Hz |
| Sprains | Coxarthrosis | 30 Hz | Autoscan |
| Fractures | Muscular Atrophy | 40 Hz | |
| Epicondylitis | Muscular contracture | **10 memories (28311 only)** | |
| Epitrocleitis | Osteonecrosis | | |

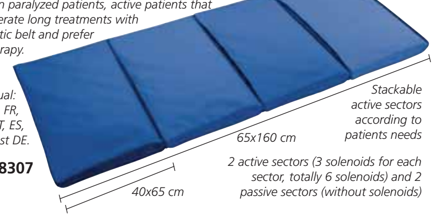
## OSTEOMAT 2000: MATTRESS FOR LOW FREQUENCY MAGNETOTHERAPY TREATMENTS

**• 28307 OSTEOMAT 2000 MATTRESS FOR MAGNETOTHERAPY**
Osteomat has 4 sectors (2 active and 2 passive) linked with velcro straps to create a real mattress.
The two active sectors allow the biostimulation of a wide body part through 6 professional solenoids. The two passive sectors create a planar surface where patient can lay down.
Each active sector can be personalized according to therapeutic needs by choosing solenoids positions.
The basic configuration of Osteomat 2000 stimulates the body zones (shoulders, column, pelvis) that are more affected by bone mass reduction. This is typical of osteoporosis disease.
Suitable for MAG 2000 and MAG 2000 PLUS programmes.

*Suggested for night therapy during sleep, day therapy in paralyzed patients, active patients that don't tolerate long treatments with therapeutic belt and prefer night therapy.*

*Manual: GB, FR, IT, ES, on request DE.*

**28307**



*Stackable active sectors according to patients needs*

*2 active sectors (3 solenoids for each sector, totally 6 solenoids) and 2 passive sectors (without solenoids)*

## MT BASE: MAGNETOTHERAPY

**• 28321 GIMA MT BASE PLUS - magnetotherapy**

Magneto Base Plus + is an ELF low frequency magnetotherapic unit designed for domiciliary applications. The most important effects of the magnetic fields are: Antiedemigen / Analgesic / Antiphlogistic / Regenerative and have applications in: traumatology, rheumatology, angiology, neurology, dermatology, endocrinology. The magnetic field produced is impulsive. The internal generator produces square waveform electrical current with frequency varying from 10 to 99 Hz and impulse time varying so to obtain a field's intensity determinated from 10 to 80 Gauss. Internal sound sensor of magnetic field and safety system in case of short-circuit. Two transducers can be connected at the same time (the field produced by each transducer is half of the total).

**• 28322 PLATE TRANSDUCER 70x120 mm - spare**

**• 28323 VELCRO ELASTIC BAND 100x8 cm - spare**

28321

*It is supplied with all accessories in a plastic case.*

**STANDARD ACCESSORIES**

| | |
|---|---|
| Power cable | 1 velcro elastic band 100xh 8 cm |
| 2 plate transducers 80 gauss - 120x70 mm | ABS carrying case |
| 1 velcro elastic band 60xh 8 cm | Manual (GB, IT) |

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Waveform: square | Intensity of magnetic field: 80 Gauss (8mT) |
| Max. ratio emission/pause: 50% | Operating voltage: 230V/50-60 Hz |
| Selectable magnetic field from 10 to 80 Gauss | Size: 193x138xh 68 mm Weight: 1 kg |
| Selectable frequency: from 10 to 99 Hz | Safety class: II BF - Norms: EN60601-1 (CEI) |

## IONO BASE PLUS - GALVANIC IONOPHORESIS

**• 28306 IONO BASE - PLUS - 2 channels**

Local administration of medicines by Ionophoretics, electric osmosis and treatment of hyper hydrosis (sweating disease) and cellulitis. Current generator for hydro galvanization, aesthetic shaping and against cellulitis slight blemish. Microprocessor controlled, with selection of parameters and internal programs. Simple and safe to use, although it maintains characteristics of a professional equipment. Made in Italy.

**• 28335 RUBBER ELECTRODES 50x50 mm - box of 10**

**• 28336 SPONGE BAGS for electrodes 50x50 mm - box of 10**

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Operating Voltage: 230 V - 50/60 Hz | Size: 138x68x193 mm |
| Absorbed Max Power: 10 VA | Max Output Current: 20 mA |
| Safety class: II BF - CE 93/42/EEC. Made in Italy. | |

*Supplied with ABS case, velcro elastic bands, rubber conductive electrodes 80x120 mm and 50x50 mm and envelopes sponges for electrodes.*

28306

## INFRARED THERAPY LAMP - 250 W

**• 28652 INFRARED THERAPY LAMP - 250 W - desk with table clamp**

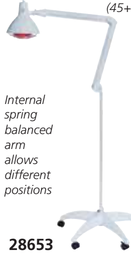
**• 28653 INFRARED THERAPY LAMP - 250 W - trolley**

The infrared light relieves the suffering caused by sore muscles and joints ankylosis. The comfortable warmth created by infrared light penetrates deep into the skin, stimulates blood circulation and warms the muscles. While the muscles are relieved, they automatically stretch and relax. At the same time, the blood circulation helps your body get rid of impurities and quickly sends oxygen-rich blood to stressed or aching muscles, causing an effective pain relief. Class II Electric.

**• 28654 SPARE BULB - 250 W**

28652

*Head Ø 21 cm*



*Arm length 90 cm (45+45)*

*Internal spring balanced arm allows different positions*

28653

## INFRAREX: THERAPEUTIC HEATING DEVICE

**• 28650 INFRAREX 230 V - 50/60 Hz**

**• 28651 SPARE BULB 7.5 W**

FDA CE 0434

Infrarex is a modern scientifically electronic therapeutic heating device which provides deep, infrared heat that can penetrate far below the surface of the skin to produce a shooting, comforting effect upon the nerves. It relieves muscular tension, reduce inflammation and provides pain relief without medication for many conditions such as: arthritis, bursitis, sinusitis, tennis elbow, back ache, neuralgia, muscular pains, aches, sprains, and other musculoskeletal aches. **Infrarex provides pain relief without medication,** you will experience pain relief within 10-15 minutes. No concern for side effects, simple to be used.

## MOMERT INFRARED LAMP 100 W

**• 28648 MOMERT INFRARED LAMP 100 W**

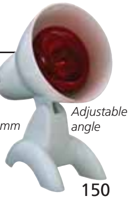
The lamp's deep penetrating infrared heat relaxes the muscles and stimulates the blood circulation. The pleasant heat expands the capillary veins, resulting in a better oxygen and nutrition supply to the tissues. Can be used for rheumatic diseases, allergies, cold diseases, alternative medicine (detoxification), beauty care.

Operating voltage: 230 V - 50 Hz.

**• 28649 SPARE BULB - 100 W Philips**

*Multilanguage manual and box (GB, FR, IT, ES, PT, DE, HU, SK, LV, CZ, EE, PL, RU, BG).*

*Box size 185x140x225 mm*



*Adjustable angle*

28648

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## SMART TENS - EMS

**• 28355 SMART TENS**

TENS is a therapeutic technique mainly used for analgesic purposes in physiotherapy. Suitable for a wide variety of pain therapies: acute or chronic pain, muscular pain, post-operative pain and also pains caused by pregnancy. It's usually divided according to its action mechanism in tens conventional, tens endorphinic, tens sequential, tens maximum value, tens Burst.

EMS is a stimulating technique activating muscular contractions through electrical impulses.

As in TENS stimulation, impulses are applied to patient through electrodes placed next to the muscles to be treated.

In physiotherapy EMS is used for post-trauma and post-operative muscular rehabilitation and also as a complementary aid in sports activity and aesthetic treatments.

Basic programmes used in TENS treatments together with EMS classic protocols are combined in this product. SMART TENS offers a wide possibility to treat acute and chronic pains (TENS) and muscular strengthening and stimulation (EMS).

Supplied with 2 connection cables for electrodes, 4 pre-gelled electrodes with cable, belt clip, 4xAAA size batteries, user manual (GB, FR, IT, DE, ES) in a carrying bag.

*Digital keyboard*

28355

*On line quick guide on display*

**TECHNICAL SPECIFICATIONS**

- combined electrotherapy unit with 2 independent channels
- compensated biphasic square wave: current quantity from positive pole to negative one is constant to avoid hazardous thermal effect of polarization

| | |
|---|---|
| - 6 TENS stored programmes | - 1 TENS free programme |
| - 5 EMS stored programmes | - 1 EMS free programme |
| - 2/120 Hz waveform frequency | - 50/400 μs width impulse |
| - 60 mA maximum intensity | - power supply 4 batteries AAA Size |
| - size: 68x110x31 mm | - weight: 85 g (without batteries) |

## GIMA TENS - ELECTRICAL MUSCLE STIMULATORS

*Size: 128x56x16 mm*
*LCD size: 48x25.4 mm*
*Weight: 67 g*

*Manual: GB, FR, IT, ES, DE, PT, GR, PL.*

28342

**• 28342 GIMA 9 TENS - 2 channels**

Pocket TENS with 9 programmes and 2 channels. 9 adjustable intensities.

Relieves muscle pain and stimulates blood circulation.

Frequency: 2-80 Hz.

Supplied in a nylon bag with 2AAA batteries and 4 electrodes.

**• 28351 GELLED ELECTRODES 40x40 mm - pack of 4 - spare**

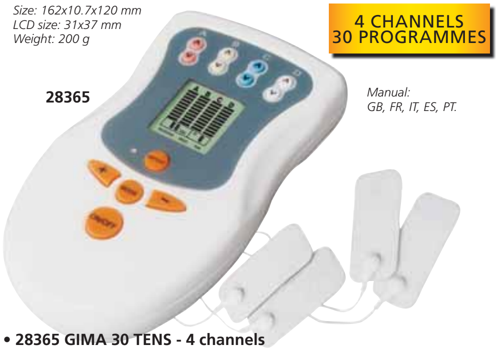
**• 28343 CABLES - pack of 2 pcs - spare**

*Size: 162x10.7x120 mm*
*LCD size: 31x37 mm*
*Weight: 200 g*

4 CHANNELS
30 PROGRAMMES

*Manual: GB, FR, IT, ES, PT.*

28365



**• 28365 GIMA 30 TENS - 4 channels**

Portable electrical muscle stimulator with 4 channels and 30 programmes. Backlit LCD display.

Frequency: 2 to 2000 Hz

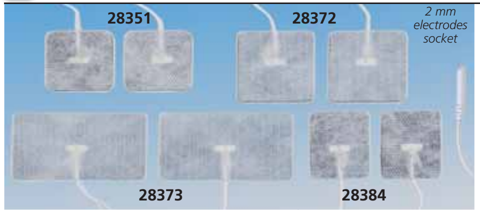
Supplied in a nylon bag with 4AA batteries and 8 electrodes

**• 28366 ELECTRODES - pack of 8 - spare**

**• 28367 CABLES - pack of 4 pcs - spare**

**• 28368 AC ADAPTOR - 230V - 50Hz**

## DISPOSABLE GELLED ELECTRODES FOR ELECTROTHERAPY



**DISPOSABLE GELLED ELECTRODES WITH CABLE - latex free**

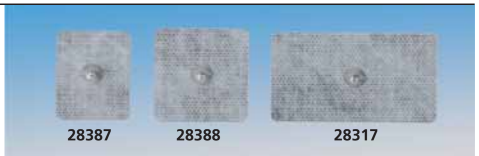
High material flexibility allows easy application of electrodes on treated areas. Solid gel maintains the electrode adhesion and conductivity unchanged during procedure. The electrodes are equipped with 10 cm long cable, with 2 mm socket.

**• 28384 GELLED ELECTRODES with cable 45x35 mm - bag of 4**

**• 28351 GELLED ELECTRODES with cable 40x40 mm - bag of 4**

**• 28372 GELLED ELECTRODES with cable 46x47 mm - bag of 4**

**• 28373 GELLED ELECTRODES with cable 45x80 mm - bag of 4**



**DISPOSABLE GELLED ELECTRODES AND ADAPTORS - latex free**

High material flexibility allows easy application of electrodes on treated areas. Solid gel maintains the electrode adhesion and conductivity unchanged during procedure.

**• 28387 GELLED ELECTRODES 45x35 mm - bag of 4**

**• 28388 GELLED ELECTRODES 46x47 mm - bag of 4**

**• 28317 GELLED ELECTRODES 45x80 mm - bag of 4**

**• 28390 2 mm CLIP ADAPTORS - black - box of 10**

**• 28391 2 mm CLIP ADAPTORS - red - box of 10**

**• 28392 4 mm CLIP ADAPTORS - black - box of 10**

**• 28393 4 mm CLIP ADAPTORS - red - box of 10**

**ADAPTORS**

## MIO-CARE - 2 CHANNEL TENS

- **28370 MIO-CARE TENS - 20 medical programmes**
- **28376 MIO-CARE FITNESS - 55 programmes**

**(20 medical + 15 beauty + 20 fitness programmes)**

- **28377 MIO-CARE PRO - 63 programmes**

**(14 medical + 15 beauty + 21 fitness + 13 free memories)**

- 2 independent channels stimulator
- compensated biphasic square wave: avoids hazardous thermic effect of polarization
- easy to use, digital keyboard
- remaining therapy time and programmes instruction shown on graphic display
- internal rechargeable battery pack
- maximum intensity 200 mAh
- compliance with 93/42/EEC MDD

Supplied in a carrying bag with 2 connection cables with splitters, user manual (GB, FR, IT, DE, ES), 8 adhesive pads, internal rechargeable battery with battery charger.

- **28372 GELLED ELECTRODES with cable 46x47 mm - bag of 4**
- **28373 GELLED ELECTRODES with cable 45x80 mm - bag of 4**

CE 0476

*Dimensions: 60x135x19 mm*

20 PROGRAMMES
300 APPLICATIONS

55 PROGRAMMES
500 APPLICATIONS

50 PROGRAMMES
13 FREE MEMORIES

28370

28376

28377

| 14 MEDICAL PROGRAMMES (all) | | 15 BEAUTY PROGRAMMES (28376, 28377) | | 20 FITNESS PROGRAMMES (28376, 28377) | |
|---|---|---|---|---|---|
| Tens conventional (rapid) | Vascularization | Firming up - upper limbs and trunk | Lipolysis - thighs | Warming up | Deep capillarization |
| Tens endorphinic (delayed) | Muscle relaxant | Firming up - lower limbs | Lipolysis - glutei and hips | Resistance-upper limbs and trunk | Muscle recovery |
| Tens maximum values | Hand and wrist pain | Toning up - upper limbs and trunk | Lipolysis - arms | Resistance-lower limbs | Agonist - antagonist |
| Inflammatory | Plantar stimulation | Toning up - lower limbs | Tissue elasticity | Resistant strength - upper limbs and trunk | Sequent. tonic contract. - upper limbs and trunk |
| Neck pain/cervicogenic headache | Epicondylitis | Definition - upper limbs and trunk | Capillarization | Resistant strength - lower limbs | Sequential tonic contractions - lower limbs |
| Backache/sciatic pain | Epitroclea | Definition - lower limbs | Heaviness in legs | Basic strength - upper limbs and trunk | Sequential phasic contract. - upper limbs and trunk |
| Sprains/bruises | Periarthritis | Modelling | | Basic strength - lower limbs | Sequential phasic contractions -lower limbs |
| | | Microlifting | | Fast strength - upper limbs and trunk | Muscle relaxant |
| | | Lipolysis - abdomen | | Fast strength - lower limbs | Deep massage |
| | | | | Explosive strength - upper limbs and trunk | |
| | | | | Explosive strength - lower limbs | |
| **+6 MEDICAL PROGRAMMES (28370, 28376)** | | | | **+1 FITNESS PROGRAMME (28377 only)** | |
| Haematomas | Microcurrent | | | EMS | |
| Atrophy prevention | Stress incontinence | | | | |
| Atrophy (trophism rehabilitation) | Urgency incontinence | | | | |

## I-TECH PHYSIO PROFESSIONAL 2 CHANNELS STIMULATOR

- **28382 I-TECH PHYSIO PROFESSIONAL STIMULATOR**

Professional stimulator with 2 indipendent channels

- compensated biphasic square wave: current quantity from positive pole to negative one is constant to avoid hazardous thermal effect of polarization
- monophasic square wave
- incontinence and ionophoresis programmes
- denervated treatment
- programmable TENS - EMS memories
- adjustable frequency, width impulse, time, ramp
- remaining therapy time and programmes instructions shown on the LCD
- maximum intensity 200 mApp;

Can use same gelled electrodes with cable as Mio-Care

- **28381 IONOPHORESIS KIT - spare**

(1 elastic band, 2 silicone conductive electrodes, 2 sponges)

*Supplied in a carrying bag with:*
*- rechargeable battery and battery charger*
*- 1 set of 4 pregelled electrodes 48x48 mm*
*- 1 set of 4 pregelled electrodes 50x90 mm*
*- 2 silicon conductive electrodes 60x90 mm*
*- 2 sponges 70x100 mm*
*- 1 elastic belt for electrodes fastening*
*- 2 cables, 2 mm connection male plug*
*- 4 cable splitter 2 mm male and female plug*
*User manual (GB, FR, IT, ES)*

*Backlit display*

CE 0476

*Digital easy to use keyboard*

PROGRAMMES:

| | |
|---|---|
| 21 NEMS | 14 TENS |
| 15 BEAUTY | 9 UROLOGY |
| 27 REHABILITATION | 13 FREE MEMORIES |

## MIO IONOTENS, 2 CHANNELS

- **28380 MIO-IONOTENS 37 programmes**

2 channel stimulator for the customers who need an easy to use device with high output power and a complete list of TENS programmes, rehabilitation programmes and free memories. Portable and easy to use device with backlit display and digital keyboard. It is equipped with internal rechargeable battery (long-lasting) and belt clip. MIO-IONOTENS has 14 TENS programmes, 10 rehabilitation programmes including 3 ionophoresis treatments and 13 free memories (adjustable frequency, width impulse and time). Supplied in a carrying bag, with 2 cables, ionophoresis kit, 1 set of 4 pre-gelled electrodes (41x41 mm), 1 set of 4 pre-gelled electrodes (40x80 mm), belt clip, internal rechargeable battery, battery charger, user manual (GB, FR, IT, ES).

- **28381 IONOPHORESIS KIT - spare**

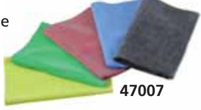
(1 elastic band, 2 silicone conductive electrodes, 2 sponges)

CE 0476

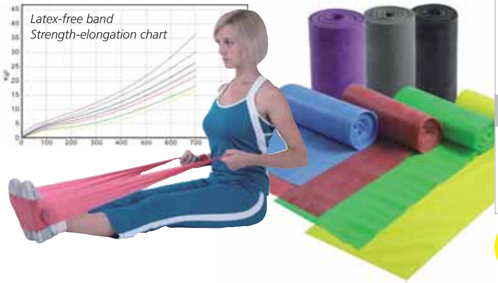
28380

## LATEX-FREE RESISTIVE EXERCISE BANDS

Latex-free bands available in 7 colour-coded levels of resistance and 3 lengths (1.5, 5.5 and 45 m).
These reliable and effective bands are ideal to improve strength, range of motion.
Use of these bands for resistive exercise provides force on the muscles.
Excellent for upper and lower body therapy.
Latex-Free Exercise Bands provide the same benefits as regular bands.


47007

*Latex-free exercise bands - 1.5 m*



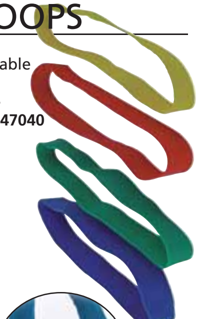
| GIMA Code | LATEX FREE EXERCISE BANDS - 1.5 m | |
|---|---|---|
| 47000 | Latex-free band 1.5 m x 14 cm x 0.20 mm | 🟡 |
| 47001 | Latex-free band 1.5 m x 14 cm x 0.25 mm | 🟢 |
| 47002 | Latex-free band 1.5 m x 14 cm x 0.30 mm | 🔴 |
| 47003 | Latex-free band 1.5 m x 14 cm x 0.35 mm | 🔵 |
| 47004 | Latex-free band 1.5 m x 14 cm x 0.40 mm | ● |
| 47007 | Set of 5 latex-free bands (1x5 levels) 1.5 m x 14 cm mix | |
| | **LATEX FREE BANDS - 5.5 m** | |
| 47010 | Latex-free band 5.5 m x 14 cm x 0.20 mm | 🟡 |
| 47011 | Latex-free band 5.5 m x 14 cm x 0.25 mm | 🟢 |
| 47012 | Latex-free band 5.5 m x 14 cm x 0.30 mm | 🔴 |
| 47013 | Latex-free band 5.5 m x 14 cm x 0.35 mm | 🔵 |
| 47014 | Latex-free band 5.5 m x 14 cm x 0.40 mm | ● |
| 47015 | Latex-free band 5.5 m x 14 cm x 0.50 mm | ⚪ |
| 47016 | Latex-free band 5.5 m x 14 cm x 0.60 mm | 🟣 |
| | **LATEX FREE BANDS - 45 m** | |
| 47020 | Latex-free band 45 m x 14 cm x 0.20 mm | 🟡 |
| 47021 | Latex-free band 45 m x 14 cm x 0.25 mm | 🟢 |
| 47022 | Latex-free band 45 m x 14 cm x 0.30 mm | 🔴 |
| 47023 | Latex-free band 45 m x 14 cm x 0.35 mm | 🔵 |
| 47024 | Latex-free band 45 m x 14 cm x 0.40 mm | ● |

*0.20 mm X-Light* · *0.25 mm Light* · *0.30 mm Medium* · *0.35 mm Heavy* · *0.40 mm X-Heavy* · *0.50 mm XX-Heavy* · *0.60 mm XXX-Heavy*

## LATEX TONE LOOPS

- **47040 SET OF 4 TONE LOOPS**

The closed-loop flat band fits comfortable around the upper and lower legs.
It helps to exercise the muscles of hips and legs.
Set includes 4 below loops: each in a different colour-coded level.
Tone loop 18 mm x 58 cm x 1.4 mm
Tone loop 24 mm x 58 cm x 1.4 mm
Tone loop 24 mm x 58 cm x 1.6 mm
Tone loop 30 mm x 58 cm x 1.6 mm

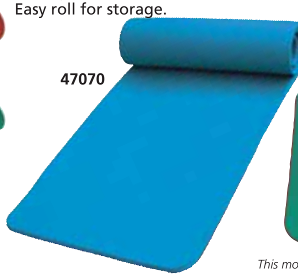

47040

*X-Light 1.8 x 58 cm x 1.4 mm* · *Medium 2.4 x 58 cm x 1.4 mm* · *Heavy 2.4 x 58 cm x 1.6 mm* · *X-Heavy 3 x 58 cm x 1.6 mm*

## EXERCISE MATS

- **47070 EXERCISE MAT 180x60xh 1.6 cm - light blue**
- **47080 EXERCISE MAT WITH HANG RING - 180x60xh 1.6 cm - green**

Thick mats with sponge-like foam structure offer comfortable feeling. The closed-cell foam structure resists moisture.
Easy roll for storage.


47070

47080

*This model has 2 rings to allow hang on the wall or on the rack*

## RESISTIVE EXERCISE TUBING

Tubing is an affordable and convenient training tool which provides effective upper and lower-body workout.
Elastic properties for resistive and strengthening exercise.

*Latex exercise tubing*
**47063**

Available also with two pre-attached durable foam covered handles for comfort and grip.
5 colour-coded resistance levels available.

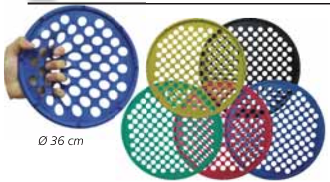
*X-light* · *Light* · *Medium* · *Heavy* · *X-Heavy*

47052

| GIMA Code | LATEX EXERCISE TUBING | Thickness | Strength | Length |
|---|---|---|---|---|
| 47060 | Latex tube | 1.5 mm | 🟡 | 25 m |
| 47061 | Latex tube | 2 mm | 🟢 | 25 m |
| 47062 | Latex tube | 2.5 mm | 🔴 | 25 m |
| 47063 | Latex tube | 3 mm | 🔵 | 25 m |
| 47064 | Latex tube | 3.5 mm | ● | 25 m |

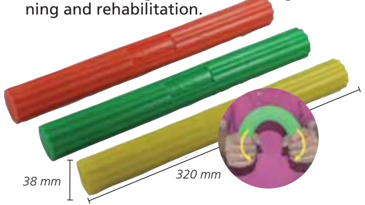
| GIMA Code | LATEX TUBE WITH TPR HANDLES | Strength | Length |
|---|---|---|---|
| 47050 | Latex tube with TPR handles | 🟡 | 125 cm |
| 47051 | Latex tube with TPR handles | 🟢 | 125 cm |
| 47052 | Latex tube with TPR handles | 🔴 | 125 cm |
| 47053 | Latex tube with TPR handles | 🔵 | 125 cm |
| 47054 | Latex tube with TPR handles | ● | 125 cm |

## HAND/FINGER/WRIST EXERCISERS



- **47130 GRIP TRAINER - X-light** ●
- **47131 GRIP TRAINER - light** ●
- **47132 GRIP TRAINER - medium** ●
- **47133 GRIP TRAINER - heavy** ●
- **47134 GRIP TRAINER - X-heavy** ●

Releases typing and mousing tension. Improves hand and finger flexibility. Excellent for finger and wrist strenghtening and rehabilitation.



- **47170 TPR FLEX BAR - light** ●
- **47171 TPR FLEX BAR - medium** ●
- **47172 TPR FLEX BAR - heavy** ●

Flex bar is a flexible, durable resistance device with ridge surface for enhanced grip during use.
It is used to improve grip strength by bending, twisting or vibrating.

- **47160 SET OF 3 FINGER EXERCISERS**

Unique design for rehabilitation, excellent stress-reliever for users. Simply insert fingers into circles and stretch.
Multiple resistance level available, set of light, medium and heavy resistance.

- **47180 POWER GRIP - light**
- **47181 POWER GRIP - medium**
- **47182 POWER GRIP - heavy**

Develop finger flexibility, strength and coordination.
Increase hand, wrist and forearm strength.
Improve the injured finger recovery.

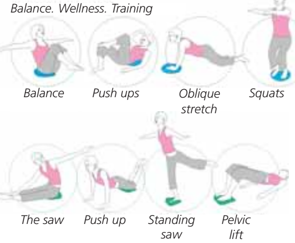
- **47140 SQUEEZE EGG - X-soft** ●
- **47141 SQUEEZE EGG - soft** ●
- **47142 SQUEEZE EGG - medium** ●
- **47143 SQUEEZE EGG - firm** ●
- **47144 SQUEEZE EGG - X-firm** ●

These gel-filled eggs offer variable resistance training for hands and fingers. Help grip strengthening and reduce stress.

- **28790 HAND GRIP METER - plastic**

Indicator remains at maximum until reset and is calibrated 0-75 kg.
Size 20x15 cm.
Sold in a blister.
Manual in: GB, FR, IT, ES.

## BALANCE AND WEDGE CUSHION



47090

47095

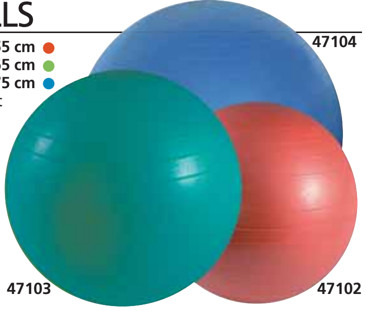
- **47090 BALANCE CUSHION**
- **47095 WEDGE CUSHION**

Non allergic, non toxic air filled cushions made of soft, pliable material free of latex, PVC, phthalates and chloride. Both have two surfaces: smooth and bubbled which provide two kinds of user experience. Great for improving intramuscular coordination as well as balance training ergonomic sitting and rehabilitation.

## RESISTANT BALLS

- **47102 BURST RESISTANT BALL - Ø 55 cm** ●
- **47103 BURST RESISTANT BALL - Ø 65 cm** ●
- **47104 BURST RESISTANT BALL - Ø 75 cm** ●

Designed for dynamic workouts that incorporate moderate level of resistance.
Deflate slowly if punctured.
300 lb burst resistance level.



136 kg burst resistance level

## MASSAGE BALLS

- **47120 MASSAGE BALLS**

Set of 3 massage balls Ø 6, 7, 8 cm

## NASAL WASH

- **28083 SINUS C SALINE NASAL SPRAY 20 ml - for children - box of 48**
- **28084 SINUS A NASAL WASH - for adult - bottle 120 ml + 12 saline sachets**

Nasal wash helps to remove the sinus symptoms such as runny nose, nasal dryness and nasal congestion.
By performing a nasal wash, you can remove particles such as pollen and dust in order to reduce the mucous membranes inflammation and make it more resistant to allergies.

## HUMI-RAINBOW

*Mist output can be adjusted in direction (360° rotative head) and speed (adjustable knob)*

*The rear compartment can accomodate balsamic essences*

- **28070 HUMI-RAINBOW HUMIDIFIER**

A cold-mist ultrasonic humidifier with an actractive design and cromatic 7-led colours change

- **28071 BALSAMIC ESSENCE - pine**
- **28072 BALSAMIC ESSENCE - citrus**

**TECHNICAL SPECIFICATIONS**

Power feeding: AC 110-240V / 50-60 Hz
Max mist output: 280 ml/h
Water Tank capacity: 2.8 l
Suitable for room size: min 10, max 25 m$^2$
Max operating hours (non-stop): 10 hours
Size (individual box): Ø 19xh 30 cm - Weight: 1.4 kg

## VAPINAL INHALER

*Bottle not included*

- **28110 VAPINAL THERMAL WATER INHALER**

Warm jet mineral water inhaler ideal **for home spring water inhalation treatment.** It delivers hot humid steam through a nozzle working with the Venturi system and mixing the steam with the principles of thermal water. Equipped with stainless steel boiler working with resistance at 230V-50 Hz. Supplied with polycarbonate ampulla. Made in Italy.

- **28112 VAPINAL AMPULLA - spare part**

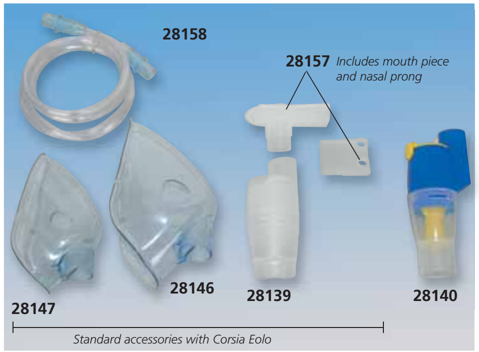
**TECHNICAL SPECIFICATIONS**

Capacity: 800 ml
Steam boiler in stainless steel
Security valve and thermostat
Operating voltage: 230 V - 50 Hz - 600 Watt
Heating time: 5-8 min
Inhalation time (for 1 l): 12-15 min

## ACCESSORIES FOR ANY BRAND OF NEBULIZER

**ACCESSORIES FOR NEBULIZER**

Gima offers different nebulizer bulbs with their line of accessories, suitable for any brand of nebulizer.



*Standard accessories with Corsia Eolo*

| GIMA code | NEBULIZER ACCESSORIES | To be used with |
|---|---|---|
| Standard accessories with Famiglia, Corsia, Eolo | | |
| **28158** | PVC connection tube - 1m | all nebulizers |
| **28139** | Nebulizer bulb | all nebulizers |
| **28146** | Facemask - adult* - *replaces 28143* | bulb 28139/28140 |
| **28147** | Facemask - paediatry* - *replaces 28144* | bulb 28139/28140 |
| **28157** | Mouthpiece - nasal prong | bulb 28139/28140 |
| **28138** | Nebulizer kit<br>*adult and pediatric facemask, pvc-tube, bulb, nasal prong, mouthpiece* | all nebulizers |
| **28140** | Nebulizer bulb | all nebulizers |

**With elastic*

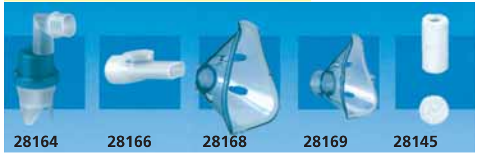
**FASTERJET BULB with Valve System**

A new designed Jet Nebulizer capable of delivering any medication in a very short time with a high amount of respirable particles. The Valve System makes therapy extremely efficient by reducing the amount of wasted medication while optimizing the output to the patient.

*Fasterjet bulb: For delivering any medication in a very short time*

**TECHNICAL SPECIFICATIONS FASTERJET**

Capacity: 16 ml
Nebul rate: 0.60 ml/min
Respirable volume: <5 μm 80%
Residual volume: 0.8 ml
MMAD (Mass Median Aerodinamic Diameter): 2.7 μm



| GIMA code | NEBULIZER ACCESSORIES | To be used with |
|---|---|---|
| **28163** | Fasterjet bulb*<br>with Valve System | all nebulizers |
| **28164** | Nebjet bulb **<br>with Double Venturi Effect | all nebulizers |
| **28165** | Mouthpiece bi-valve | bulb 28163 |
| **28166** | Mouthpiece | bulb 28164, |
| **28167** | Nasal Prong | bulb 28164, 28163 |
| **28168** | Facemask-adult*** | bulb 28164, 28163 |
| **28169** | Facemask-pediatry*** | bulb 28164, 28163 |
| **28145** | Filter - spare | 28130/1/2/3/4/5 |

** Standard with Happyneb II, Hospyneb* *** Standard with Happyneb I, III, Betaneb*
****Without elastic*

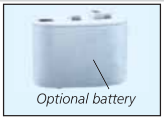
# FAMILY AND PINGOO ULTRASONIC NEBULIZERS

CE 0476

28106

28117

| GIMA code | ULTRASONIC NEBULIZERS |
|---|---|
| 28106 | Family ultrasonic nebulizer |
| 28117 | Pingoo ultrasonic nebulizer |
| 28113 | Re-chargeable battery Ni MH 12 VDC - Family - optional |
| 28115 | Re-chargeable battery Ni MH 12 VDC - Pingoo - optional |
| 28114 | Spare Kit: includes adult and paediatric facemask, nasal prong, mouthpiece and tube |
| 28121 | Medication cups Family (box of 15 pcs.) |
| 28122 | Medication cups Pingoo (box of 15 pcs.) |



*Optional battery*

28114

**ULTRASONIC NEBULIZERS**
Thanks to the innovative electronic technologies these easy-to-use ultrasonic nebulizers provide a quiet, fast and portable operation with optimal particle size.
**Portable:** small and lightweight, it allows patients to perform treatments anytime and anywhere.
**Optimal particle size:** particle size determines the extent to which the medication can be inhaled by the patient into the deep lung tissue.
Approx 90% of particles generated by Family or Pingoo have the optimal 1-5µ (microns) size.
**Fast treatment:** with its high-efficiency design, it allows a quick treatment time, most within 6 minutes, with limited power consumption.
**Low noise level:** treatments are not only fast but are virtually silent due to its advanced ultrasonic technology.
**Rechargeable battery** - optional
**8 languages user manual:** GB, FR, IT, DE, ES, PT, GR, SA.

28106

**TECHNICAL SPECIFICATIONS**

Operating voltage: 220-240 V 50/60 Hz  Power: 10 W
Ultrasonic frequency: 2.5 MHz
Nebulization time: 0.2-0.7 ml/min depending on medication density
Medication cups capacity: max 8 ml Family, max 4.5 ml Pingoo
Automatic switch-off
Particle size: 5 µ (microns) average
Three programmable flow levels
Noise level: <40 dB

**STANDARD ACCESSORIES**

| | |
|---|---|
| Adult facemask (only Family) | Medication cups |
| Paediatric facemask | Transformer (220-240V-12V DC) |
| Nasal prong, Mouthpiece | Carrying bag |
| Connection tube | User manual |

# MESH NEBULIZER

- **28075 MESH NEBULIZER**
- **28078 MESH 2 NEBULIZER since 2018**

Small, handy, lightweight nebulizer for the treatment of respiratory diseases such as asthma, allergies, ...
Can operate with 2xAA standard batteries or optional AC adaptor 100x240 V.
- maximizes the benefits of medicine
- portable, handheld design (only 120 mm height)
- ultra-low noise and ultra-light design
- one-button operation for easy use
- for adult and child: noiseless use and compact design allow to make inhalation even while children are sleeping
- multilanguage box: GB, IT, FR, ES

Supplied with cover*, connector*, adult and child mask, mouthpiece, 2xAA batteries, carrying bag, manual (GB, IT, FR, ES)

28075

- **28076 RESPIRATORY ACCESSORY KIT (adult and child mask, mouthpiece and connector) - spare for 28075**
- **28077 AC-DC ADAPTER 100-240 V - optional**
- **28079 RESPIRATORY ACCESSORY KIT (adult and child mask, mouthpiece) - spare for 28078**

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Power supply: | 2xAA batteries or adapter (AC-DC 3V 1A) - 2 W |
| Ultrasonic frequency: | approximately 140kHz |
| Nebulizer rate: | ≥0.2ml / min |
| Max. / min. liquid volume: | 8ml / 0.5ml |
| MMAD | approximately 5µm |
| Nebulizing head life: | 180 hours |
| Battery life: | 90 minutes with two AA alkaline battery |
| Automatic shutdown: | automatic shutdown without liquid |
| Safety level: | Type B, Class II |

28078

*Only 28078

# MYNEB NEBULIZER

CE 0434

- **28073 MYNEB NEBULIZER - piston**

Compact, fast and silent nebulizer.
Suitable for the treatment of the respiratory tract diseases, bronchial and asthmatic diseases, allergies.
Ideal for nebulizing any medicine, ever oily ones such as cortisones essentials oils, and active ingredients with solid elements (suspensions).
Supplied with carrying bag, fasterjet bulb, adult and pediatric mask, air tube, mouthpiece and nosepiece.
Multilanguage box and manual: GB, FR, IT, ES, DE. Class IIa.
Made in Italy.
- **28093 FILTER - spare - box of 3**

COMPACT
SILENT

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| AC adapter: | input 100-240 V - 50/60 Hz - 0,6 A<br>output 12 V - DC 2A |
| Operating cycle: | 30/30 min. ON/OFF |
| Noise level: | 51 dB |
| Nebulization rate: | 0.45 ml/min with NaCl 0.9% |
| Air Flow: | 12 l/min |
| Max pressure: | 165 kPa/1.65 bar |
| Particle size: | 75% < 5 µm (NaCl 0.9%) |
| Size and weight: | 132x140xh 60 mm - 450 g |

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# HAPPYNEB NEBULIZERS FOR DOMESTIC USE - PISTON

CE 0434

- **28132 HAPPYNEB II NEBULIZER - piston 230V- Faster-Jet**
- **28135 HAPPYNEB III NEBULIZER - piston 230V**

Happyneb stylish and portable piston nebulizer for a quick and efficacious aerosol therapy.
Made in Italy.
**Reliable, practical and safe.**
Noiseless and lubrication free.
Unit includes an air filter to be replaced every 70 applications, and handle for easy carrying.
It is built in accordance with European Standard EN 60601-1.
**5 languages box and manuals: GB, FR, IT, ES, DE**
- **28145 FILTER - spare**

28135

FASTER-JET BI-VALVE BULB
FOR A QUICKER DELIVERY
OF PARTICLES

28132

**NEBULIZER TECHNICAL DATA**

| | Happyneb III with Nebjet | Happyneb II with Fasterjet |
|---|---|---|
| Capacity: | 12 ml | 16 ml |
| Respirable volume < 5 µm | 75% | 80% |
| MMAD (Mass Media Aerodinamic Diameter) | 2.32 µm | 2.7 µm |
| Neb rate | 0.45 ml/min | 0.60 ml/min |
| Residual volume | 0.7 ml | 0.7 ml |

**STANDARD ACCESSORIES**

| | |
|---|---|
| Adult and pediatric face mask | Mouthpiece |
| Nasal prong | Fasterjet bulb (28132 only) |
| Connection tubing | Nebjet bulb (28135 only) |

**TECHNICAL SPECIFICATIONS**

| | 28132 - HAPPYNEB II | 28135 - HAPPYNEB III |
|---|---|---|
| Voltage: | 230V/50 Hz | |
| Maximum pressure: | 280 kPa | 250 kPa |
| Operating pressure: | 110 kPa | 90 kPa |
| Air flow: | 15 l/min | 14 l/min |
| Dimensions: | 31x22x13 cm | |
| Weight: | 2.3 kg | 2 kg |
| Noise level | 58 db | 58 db |
| Temporary use: | Continuous use | 30/30 min ON/OFF |
| Class of risk - norms | IIa - Class II, Type B | |

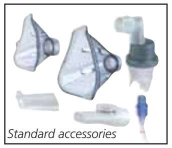
# ATOMIZER 2 SPEEDS, PISTON NEBULIZER FOR FAMILY USE

- **28094 ATOMIZER NEBULIZER - 2 speeds**

Piston-type compressor with 2 speeds for family use.
With accessory compartment separated from cord compartment for improved hygiene. Made in Italy.
- **28093 FILTER - spare - box of 3**

**TECHNICAL SPECIFICATIONS**

| | | |
|---|---|---|
| Operating voltage: | 230 V - 50 Hz | |
| Operating cycle: | continuous | |
| Operating pressure: | speed 1: 45 kPa - speed 2: 60 kPa | |
| Air Flow: | speed 1: 8 l/min - speed 2: 11 l/min | |
| Nebulization rate: | speed 1: 0.2 ml/min - speed 2: 0.35 ml/min | |
| Particle size: | 80% < 5 µm | |
| Max pressure: | 1.85 bar / 185 kPa | |
| Weight: | 1.4 kg | |
| Noise level: | 56 db | Class of risk: IIa |



*Standard accessories*

CE 0434

28094

**STANDARD ACCESSORIES**

Nebjet bulb with connector
Adult and child mask
Mouth piece and nose piece
Air tube and 3 air filter

# EOLO NEBULIZER - PISTON

CE 0476

- **28097 EOLO NEBULIZER - piston**
- **28091 EOLO NEBULIZER - piston - UK plug**

Innovative, portable, easy to use nebulizer for home use, recommended to nebulize antibiotics and bronchodilator drugs. Plastic body with high thermal insulation. Supplied with adult and pediatric face mask, bulb, mouthpiece, air tubing, air filter. Multilanguage user manual (GB, FR, IT, DE, ES, PT, RU).
Made in Italy.
- **28095 FILTER - box of 20 pcs.**

28097

# MISTRAL NEBULIZER - PISTON

- **28102 MISTRAL NEBULIZER - piston**

Compact portable nebulizer for home use.
Duty cycle: 20 min on / 40 min off
Supplied with Hi Flo bulb, adult and pediatric mask with string, mouthpiece, nosepiece, air tubing and air filter.
- **28088 FILTER - box of 20**

CE 0476

28102

**TECHNICAL SPECIFICATIONS**

| | 28097 EOLO | 28102 MISTRAL |
|---|---|---|
| Operating voltage: | 230V - 50/60Hz - 170VA<br>110V or 60Hz on request | 230V/50 Hz - 170VA |
| Operating pressure: | 1.1 bar | 1.1 bar |
| Air flow: | 14 l/min | 14 l/min |
| Nebulization rate | 0.4 ml/min | 0.35 ml/min |
| Particle size | < 5 µm | < 5 µm |
| Max Pressure: | 2.5 bar | 2.5 bar |
| Dimensions: | 22x14.5x12 cm - 1.7 kg | 13x8.9x14.6 cm - 1.5 kg |
| Noise level (EN 13544-1) | 55 db | 60 db |
| Class of risk | IIa | IIa |
| Norms: | insulation class, Type B | insulation class, Type BF |
| Origin: | Italy | Italy |

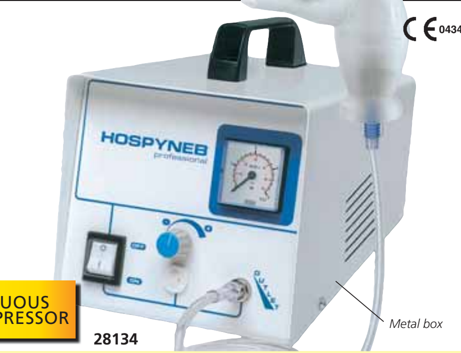
# NEBULIZERS FOR PROFESSIONAL AND HOSPITAL USE

**28089**

*Nasaljet is a quick effective nasal irrigation device for rinsing the nasal and rhino-pharingeal cavities*

**28090**

CONTINUOUS USE COMPRESSOR



*Metal box*

**28134**

**PROFESSIONAL NEBULIZERS**

Piston compressor nebulizers for professional and home care use. They embodies all the dictates of modern aerosol therapy techniques. Reliable and simple to use, also by inexperienced users. Manual: GB, FR, IT, DE, ES. Made in Italy.

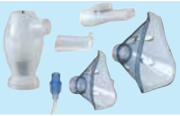
| GIMA code | PROFESSIONAL NEBULIZER | Voltage |
|---|---|---|
| **28134** | HOSPYNEB PROFESSIONAL | 230 V - 50/60 Hz |
| **28137** | HOSPYNEB PROFESSIONAL | 110 V - 60 Hz |
| **28090** | COMP-A NEB PROFESSIONAL | 230 V - 50 Hz |
| **28089** | NASALJET | - |
| **28176** | COMPRESSOR - spare for 28134 | 230 V - 50/60 Hz |
| **28145** | FILTER - spare | |

**TECHNICAL SPECIFICATIONS**

| | HOSPYNEB | COMP-A NEB |
|---|---|---|
| Operating voltage: | 230 V - 50 Hz | 230 V - 50 Hz |
| | 110 V - 60 Hz | 110 V - 60 Hz on request |
| | 230 V - 60 Hz | 230 V - 60 Hz on request |
| Size: | 28x19xh 17 cm | 19.6x35.7xh 18.5 cm |
| Max pressure: | 350 kPa (3.5 bar) | 250 kPa |
| Noise level: | 60 dBA | 55 dBA |
| Operating pressure: | 0-130 kPa (0-1.3 bar) | 0-110 kPa |
| Weight: | 4.1 kg | 2.5 kg |
| Air Flow: | 15 l/min | 15 l/min |
| MDD class: | IIa | IIa |

**STANDARD ACCESSORIES**

Fasterjet nebulizer with valve system
Nosepiece irrigation (polypropylene)
Mouthpiece (polypropylene) with valve (silicone)
Adult and child mask (PVC DEPH free)
Air tube (PVC DEPH free) and spare filter.
Nasaljet (only with 28090).



- **28105 CORSIA PROFESSIONAL NEBULIZER - piston**
- **28092 CORSIA PROFESSIONAL NEBULIZER - piston - without manometer**

Piston-type compressor nebulizers designed for continuous use. High perfomance with any type of drug, ideal for intensive hospital and clinic use. Recommended for atomizing antibiotics and bronchodilator drugs. Manufactured with high thermal and electric insulation plastic chassis in accordance with the latest European Safety regulations. The oil-free piston compressor has long durability and is equipped with the highly efficient HI-FLO jet nebulizer to guarantee quick and accurate drug delivery. Easy to handle and transport.

- **28104 FILTER - spare - box of 2**

CONTINUOUS USE COMPRESSOR

**28105**

**28092**

**TECHNICAL SPECIFICATIONS**

Operating Voltage: 220-230 V - 50/60 Hz
Power consumption: 184 VA
Max pressure: 250 kPa (2.5 bar)
Air flow: 16 l/min
Operating pressure: 130 kPa (1.30 bar)
Operating air flow: 5.2 l/min at 130 kPa
Nebulization rate: 0.50 ml/min with 4 ml solution
MMAD: 3.25 µm GSD: 3.45
Size: 255x190xh 105 mm Weight: 2.2 kg
Noise level: approx 57 db Made in Italy

**STANDARD ACCESSORIES**

HI-FLO Jet bulb
Mouthpiece
Adult and child mask
Air tube and air filter
Multilanguage user manual: GB, FR, IT, ES, DE, PT

# NEBULIZER FOR INTENSIVE HOSPITAL USE

- **28060 CLINIC-AIR NEBULIZER - piston**

High performing piston nebulizer for administration of any kind of drug, ideal for intensive hospital and clinical use. Its structure is made of a high thermal and electrical insulated plastic in accordance to safety European standards.

Long life dry piston compressor and bulb with a valve system that allows to adjust the nebulization speed.

Class IIa - Insulation class (EN60601-1): Class II Type B.

**TECHNICAL SPECIFICATIONS**

Operating Voltage: 230 V - 50/60 Hz
Max pressure: 250 kPa (2.5 bar)
Operating pressure: 130 kPa (1.30 bar)
Nebulization rate:
Power consumption: 110 VA
Air flow: 16 l/min
Operating air flow: 5.2 l/min at 130 kPa Made in Italy

- **28062 BULB - spare**
- **28063 FACE MASK - adult - spare**
- **28064 FACE MASK - pediatric - spare**
- **28104 FILTER - spare - box of 2**

**STANDARD ACCESSORIES**

Bulb with valve
Mouthpiece
Adult and child mask
Air tube and air filter
Multilanguage user manual: GB, FR, IT, ES, DE

**28060**

# MEDICAL GRADE SILICONE TUBES FOR EXTERNAL USE

**SILICONE TUBES for external medical use - silicone 100%**

Suitable for autoclaving (135°C - 2.2-2.5 bar) and Gamma Sterilization. Resistant to hot air up to 200°C.
Infra-red vulcanization.
Hours treatment at 200°C temperature in special oven.
Anti-adherent, avoid incrustation and coagulation.
Medical Grade - Transparent - Odourless

**TECHNICAL SPECIFICATIONS**

Raw material: HTV-R-401/60 S - WACKER (D)
Colour: translucent
Hardness: 60° ±5% Shore - DIN 53505
Density: 1.17 g/ccm - DIN 53479A
Tensility: 10.8 N/mm$^2$ - DIN 53504 S1
Stretch: 490/530% - DIN 53504S1
Tear resistance: 34-35 N/mm - ASTM D 624 B
Reverse pull elasticity: 51% - DIN 53512
Compression set: (22h/175°C): 30-15% - DIN 53517

Made in European Union according to: US PHARMACOPOEIA XXI EUROPEAN PHARMACOPEA DIN 58367 - DIN 58362 - DIN 13098- FDA 177.2600 - BGA XV part A and B - BGA IX part B

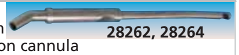
MADE TO ORDER SILICONE TUBES
We can manufacture any size
(minimum order 500 m - delivery 30 days)

| GIMA code | Internal diameter x external diameter | Thickness mm | Minimum order |
|---|---|---|---|
| **25450** | 1x3 mm | 1 mm | roll of 100 m |
| **25451** | 2x4 mm | 1 mm | roll of 100 m |
| **25452** | 3x5 mm | 1 mm | roll of 100 m |
| **25453** | 4x6 mm | 1 mm | roll of 100 m |
| **25455** | 6x8 mm | 1 mm | roll of 30 m |
| **25458** | 3x6 mm | 1.5 mm | roll of 30 m |
| **25459** | 4x7 mm | 1.5 mm | roll of 30 m |
| **25460** | 5x8 mm | 1.5 mm | roll of 30 m |
| **25461** | 6x9 mm | 1.5 mm | roll of 30 m |
| **25462** | 7x10 mm | 1.5 mm | roll of 30 m |
| **25466** | 4x8 mm | 2 mm | roll of 30 m |
| **25467** | 5x9 mm | 2 mm | roll of 30 m |
| **25468** | 6x10 mm | 2 mm | roll of 30 m |
| **25469** | 8x12 mm | 2 mm | roll of 30 m |
| **25470** | 10x14 mm | 2 mm | roll of 30 m |
| **25474** | 5x10 mm | 2.5 mm | roll of 30 m |
| **25475** | 7x12 mm | 2.5 mm | roll of 30 m |
| **25476** | 8x13 mm | 2.5 mm | roll of 30 m |
| **25477** | 10x15 mm | 2.5 mm | roll of 30 m |
| **25480** | 6x12 mm | 3 mm | roll of 30 m |
| **25481** | 7x13 mm | 3 mm | roll of 30 m |
| **25482** | 8x14 mm | 3 mm | roll of 30 m |
| **25483** | 9x15 mm | 3 mm | roll of 30 m |
| **25484** | 10x16 mm | 3 mm | roll of 30 m |
| **25485** | 12x18 mm | 3 mm | roll of 30 m |
| **25488** | 8x15 mm | 3.5 mm | roll of 30 m |
| **25491** | 10x20 mm | 5 mm | roll of 30 m |
| **25495** | made to order | | 500 m |

# ACCESSORIES FOR ANY SUCTION ASPIRATOR

**28260**

| GIMA code | STAINLESS STEEL ASPIRATION TUBES |
|---|---|
| **28262** | S/S Bierer Aspiration tube Ø 8 mm |
| **28264** | S/S Bierer Aspiration tube Ø 12 mm<br>Supplied with removable connection cannula |
| **28260** | Set of 7 uterine aspiration cannulas for abortion:<br>4 cannulas with side suction end (Ø 5, 6, 8, 9 mm), 3 cannulas with front suction end (Ø 7, 10, 11 mm) and one handle |



**28262, 28264**

**SILICONE VACUUM SUCTION**
See page 172

**SUCTION CATHETER**
See page 43

**S/S FRAIZER SUCTION CANNULA**
See page 34

**S/S ROSEN SUCTION CANNULA**
See page 34

**S/S NOVAK SUCTION CANNULA**
See page 33

# BREAST PUMP - MAMILAT GIMA

- **28148 MAMILAT - BREAST PUMP - 230 V - 50 Hz**

Easily transportable from one maternity ward to another, or for use at home. To be used for mother's milk suction. Made of highly heat-resistant, electrically insulated plastic material in conformity with the latest European safety standards. Supplied with 2 polycarbonate milk bottles (150 cc and 250 cc) antibacterial and hydrofobic filter, set of tubes 6x10 mm, breast shield, PVC air tube. Suction adjustment knob. Working time: 20 minutes ON, 40 OFF.

- **28229 HYDROPHOBIC ANTIBACTERIAL FILTER - spare**
- **28149 SPARE KIT**

Includes two plastic bottles (125 cc and 250 cc) nipple shield, filter and tubes.

**TECHNICAL SPECIFICATIONS**

Regulator for suction intensity - max suction -0.33 bar
Operating voltage: 220-230 V - 50/60 Hz - available on request 110 V - 60 Hz
Max flow (air litres/min): 14 l/min
Power consumption: 184 VA
Size: 235x190x165 mm Weight: 2.2 kg
Norms: CEI 62-5 (IEC601-1). Made in Italy

*5 languages manual: IT, GB, ES, FR, DE.*

**28149**

*Supplied with anti-bacterial filter*

**28148**

## RES-Q-VAC FILTERED HAND SUCTION

CE FDA

**• 28124 RES-Q-VAC (FILTERED) SUCTION**

This lightweight and hand held suction unit requires no batteries or electricity and yet provides powerful suction whenever and wherever you need it.

It offers ultimate safety and ease of use for the professional and fits easily into any emergency bag or ambulance.

Key Features:
- portable Hand Powered Suction - one hand operation
- hospital suction level performance >600mmHg
- always ready to go, no set up required, no batteries to recharge
- patented 0.22 equivalent micron filter for ultimate infection control
- full stop protection filter prevent fluid overflow
- easy snap on replacement canister sets with Adult and Child catheters
- each unit 100% tested for reliability

MEET OSHA regulations

Kit includes: Res-q-Vac pump, canister 300 ml with filter, soft cannula Ø 12.7 mm x 20.3 cm length

**• 28128 SPARE ADULT KIT - with filter**

Includes canister 300 ml and wide soft adult style yankauer. Disposable.

**• 28129 SPARE PEDIATRIC KIT - with filter**

Includes canister 300 ml and 2 pediatric catheters with different length: 356 mm for paediatric and 88.9 mm for neonatal applications. Disposable.

**TECHNICAL SPECIFICATIONS**

Weight: 143 g
Size: 114x180x55 mm
Max vacuum: > 600 mmHg
Min. vacuum after 2 activations: > 400 mmHg
Volume per stroke: 30 ml
Capacity before full: 290 ml
Inner Ø of adult catheter: 9.53 mm
Length of adult catheter: 272 mm
Pump is suitable for cold or ETO sterilization

## HAND/FOOT/KNEE SUCTION PUMP

**• 28220 TOBI MANUALE - manual suction aspirator**

Independent of any power source, Tobi Manuale is simple to operate pressing pedal by foot, hand or knee.

It is used to clear patient's airways safely and efficiently, anytime, anywhere. Precision and solidly built to assure long service life. Polycarbonate suction bottle with capacity 400 cc, autoclavable at 120°C and spill-over protection.

Bacterial filter included.

Multilanguage user manual: GB, FR, IT, DE, ES.

**• 28219 BOTTLE 0.4 l - spare**

**• 28229 HYDROPHOBIC ANTIBACTERIAL FILTER - spare**

CE 0476

**TECHNICAL SPECIFICATIONS**

| | | |
|---|---|---|
| Weight: 1.2 kg | Max suction -0.40 bar | Bottle capacity: 400 cc |
| Size: 225x165x85 mm | Suction power: 22 l/min | Made in Italy |

## HAND SUCTION PUMP

**• 28180 HAND SUCTION UNIT**

Designed to provide quick and effective pharyngeal and tracheal suction for emergency use.

The adjustable stroke knob provides different suction pressure. Supplied with 250 ml bottle and 2 sterile adult cannulas 26 and 40 cm

**• 28181 SPARE ADULT KIT**

Includes 250 ml bottle and 2 sterile adult cannulas 26 and 40 cm.

CE

*Supplied with multilanguage box and manual: GB, FR, IT, ES, DE, PT, PL, GR, Arab.*

**TECHNICAL SPECIFICATIONS**

Max vacuum: -450 mmHg
Peak free airflow: >20 l/min
Weight: 260 g
Size: 185x70x168 mm
External diameter of catheter connection: 13.35 and 8.67 mm

## SPENCER JET COMPACT 300D PORTABLE SUCTION UNIT

**• 28177 JET COMPACT PORTABLE SUCTION UNIT**

Extremely compact suction device to be used to remove fluids from the airway or respiratory support system. The device creates a negative pressure that draws fluids through disposable tubing that is connected to the collection container.

Easy view of the setted vacuum thanks to the LED indicators. Classification ISO: high vacuum / high flow. Supplied with 12 V power cable, battery, disposable container with filter, disposable patient tube.

**• 28178 DISPOSABLE CONTAINER 300 ml with filter**

**• 28179 POWER ADAPTER**

**TECHNICAL SPECIFICATIONS**

| | | | |
|---|---|---|---|
| Dimensions: | 245x70x185 mm | IP grade | IP 12 |
| Weight: | 1.60 kg | Battery: | 12 V DC Ni-MH |
| Vacuum range: | from 50 to 550 mmHg | Battery operative time: | |
| Flow (free flow): | 32 l/min | | 30 min ON, 30 min OFF |
| Noise level: | 70 dB | Battery recharging time: 5 h | |
| Electrical connector requirement: | 100-240 VAC 47-63 Hz<br>0.75 A max: 12 VDC | Container capacity: 300 ml<br>Patient tube length: 1 m | |

CE 0434

*Class IIa Medical Device according to Dir. 93/42/CEE*

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## MINIASPEED BATTERY EVO PROFESSIONAL SUCTION ASPIRATORS

**• 28282 MINIASPEED EVO BATTERY SUCTION - 1 l**

**• 28283 MINIASPEED EVO BATTERY SUCTION - 1 l for ambulance**

**• 28284 MINIASPEED EVO BATTERY SUCTION - 2 l**

Professional portable high flow - high vacuum aspirators with integrated rechargeable batteries. It works at 12 V power supply with rechargeable batteries or directly by mains supply, continuously at 110-230 V while recharging batteries. Up to 45 minutes of autonomy with fully charged battery. Made in Italy.

**• 25480 SILICONE TUBE 6x12 mm - roll of 30 m**

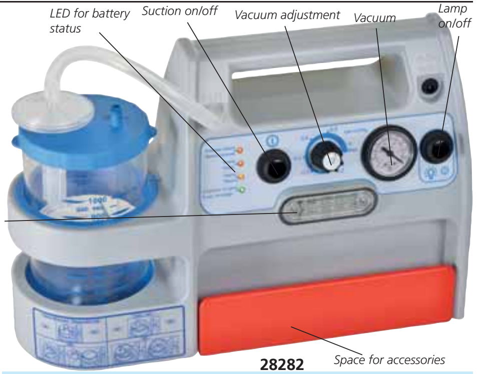
**• 28254 ADAPTER FOR CATHETER**

**• 28255 HYDROPHOBIC 99% BACTERIAL FILTER**

**• 28258 AUTOCLAVABLE JAR 1000 ml (with cover)**

**• 28259 DISPOSABLE SUCTION LINER**

**• 28294 AUTOCLAVABLE JAR 2,000 ml (with cover)**



**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Operating voltage: | with battery DC 12 V<br>with power supply 100÷240 V ~ 50/60 Hz - 14 VDC 4,28A |
| Power consumption: | max 50 W |
| Size: | 134x378xh 263 mm Weight: 4.7 kg (5 kg version for ambulance) |
| Bottle capacity: | 1,000 or 2,000 ml |
| Flow: | 30 air litres/min |
| Sound level: | 65 dBA at 1 m |
| Operating cycles: | continuous (45 minutes battery autonomy) |
| MAX vacuum: | 0 ± 85 kPa |
| Internal battery: | 12 VDC 4A h lead hermetic |
| Battery autonomy: | about 45 minutes, recharging time approx 6 hours |
| Norms: | MDD 93/42/EEC (Class IIa - annex IX)<br>EN60601-1(IEC 60601-1) / EN60601-1-2 (IEC 60601-1-2)<br>UNI EN ISO 10079-1/ UNI CEI EN ISO 14971<br>Degree of protections against ingress of liquids: IP34d (IEC 529)<br>Class II - Type B |

**STANDARD ACCESSORIES**

| | |
|---|---|
| Autoclavable 1 or 2 l jar with safety valve | Power supply cord - 2 m |
| Sterile disposable cannula CH14 | Shoulder carrying bag |
| Sterile disposable manual regulator | Multivoltage battery charger |
| Disposable silicone liner 1 l (28282-3 only) | Silicone tubing set Ø 6x12 mm |
| 2 bacterial hydrophobic filters | Support bracket for ambulance (only 28283) |
| Cigarette lighter power cord (28282, 28284 only) | User manual: GB, IT, FR, DE, ES |

## SUPERVEGA EVO BATTERY AMBULANCE ASPIRATOR

**• 28182 SUPERVEGA EVO AMBULANCE BATTERY ASPIRATOR**

**• 28183 SUPERVEGA EVO BATTERY ASPIRATOR**

Supervega Evo is an electric medical device for the nasal, oral and tracheal aspiration of body fluids in children or adults. Two or three options of operation: by 100-240V power feeding (28183 only), 12 V car adapter or internal rechargeable battery. Large LCD for clear reading of vacuum values along with soft keys for vacuum adjustment increase the accuracy of aspiration. Smart operation thanks to the combination of the lightweight lithium-ion battery with the innovating FEEDBACK system that controls and manages the power of aspiration, providing a long autonomy of the battery and quiet noise level during operation. The PROXIMITY function to switch ON or OFF the device without touch prevents and avoids cross-contamination in-between patients. Equipped with a long-life brushless motor eliminating any type of smell and coal residuals. Various options of jar: standard autoclavable polycarbonate (121°C), optional FLOVAC® disposable liners or APEC® that can resist up to 143°C, see at page 163. Complies with EN 60601- 1-11 only 28183 "for use in the home healthcare environment" and carries IP21 degree of protection. Made in Italy.

PROXIMITY

RMP FEEDBACK

LITHIUM BATTERY

LCD DISPLAY

AUTOMATIC VACUUM CONTROL

*AC/DC adapter (28183 only)*

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Motor: | Oil-less and maintenance-free piston pump |
| Power: | Internal rechargeable Lithium battery (14.8 V - 5.2 A) - Autonomy 70 min<br>Car-ambulance adapter (12 V - 4 A) - only 28183<br>AC/DC adapter 110-230 V, 50-60 Hz - only 28183<br>Recharge from support bracket - only 28182 |

Max vacuum (adjustable): -0.75 Bar; -75 kPa; -563 mmHg
Max free air flow rate: 26 l/m Size: 35x19x15 cm Weight: 2.7 kg
Duty cycle: non stop operation (by mains or 12 V only)

**STANDARD ACCESSORIES**

Polycarbonate jar 1,000 ml with overflow valve system
Antibacterial filter Suction catheter
Silicone tube set with conical connector
Universal power adaptor (100-240V - 50/60 Hz) (only 28183)
12V car adapter (only 28183)
Support bracket for ambulance 20x16x16 cm (only 28182)
Carrying bag (only 28182)
User Manual GB, FR, IT, DE, ES.

*Support bracket for ambulance (28182 only)*

## SUPER VEGA BATTERY SUCTION ASPIRATOR ON TROLLEY

**• 28193 SUPER VEGA BATTERY on trolley - suction 2x2 l**

Portable suction unit for the aspiration of body liquids, oral, nasal and tracheal aspiration in adults or children. For professional use and with a powerful aspiration of max 36 l/min. It comes with double collection jars and on a stand with five castors for easy transport.

Two different working options: AC/DC adapter, rechargeable battery make it a versatile suction unit approved for NON-STOP operation without overheating.

Provided with visual and acoustic alarm indicating low battery level, vacuum-meter (bar & kPa) and vacuum regulator.

**TECHNICAL SPECIFICATIONS**

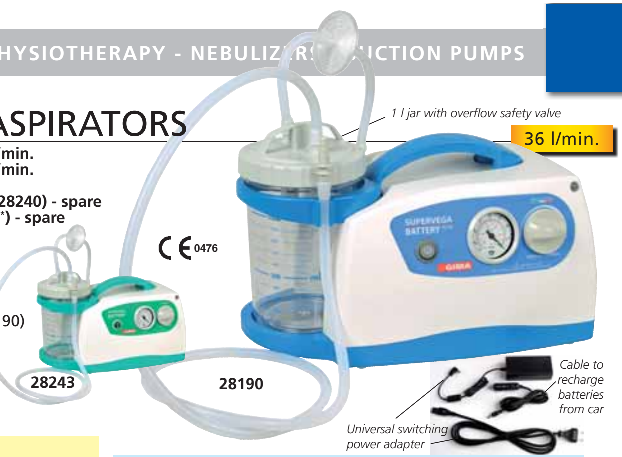
| | | | | |
|---|---|---|---|---|
| Size - Weight: | 32x30xh 99 cm - 7.9 kg | Battery autonomy: | 60 min | Recharging: 240 min |
| Operating voltage: | 100-240 V - 50/60 Hz | Flow: | 36 air litres/minute | Temporary use: 120 on - 60 off |
| Internal rechargeable Pb battery: 12V - 4A | | User manual: | GB, FR, DE, IT, ES | Made in Italy |

## BATTERY SUCTION ASPIRATORS

- **28243 SUPER VEGA BATTERY - plastic case - 16 l/min.**
- **28190 SUPER VEGA BATTERY - plastic case - 36 l/min.**
- **28213 TROLLEY FOR SUPER VEGA**
- **28242 BATTERY FOR SUPER VEGA/TOBI (28243*/28240) - spare**
- **28251 BATTERY FOR SUPER VEGA (28190/28243**) - spare**

*Up to S.N. 2141 (3 LEDs) **Since S.N. 3000 (1 LED)*

With incorporated rechargeable batteries. It can operate at 12 V power supply at rechargeable batteries and, thanks to an electronic system, at 230 V while recharging batteries.
Autonomy: approx 45-50 min (28243), 60 min (28190)
Recharging time: 120-150 minutes.
Max suction: -0.75 bar (28243) -0.80 bar (28190)
Suction power: 16 or 36 air litres/min
It has unbreakable 1,000 ml standard bottle (2,000 ml optional) autoclavable at 120°C with safety float control valve to prevent overflow.


1 l jar with overflow safety valve
36 l/min.
CE 0476
28243
28190
Cable to recharge batteries from car
Universal switching power adapter

**TECHNICAL SPECIFICATIONS SUPER VEGA**

Operating Voltage: 220-230 V - 50/60 Hz AC - 12 V DC (28243)
100-240 V - 50/60 Hz (28190)
Size: 350x210x180 mm Weight: 4.9 kg
Max suction -0.75 bar (563 mm/Hg) (28243), -0.80 bar (28190)
Suction power: 16 air litres/min (28243), 36 air litres/min (28190)
Norms: IEC 601-1 - Class II Type B. Made in Italy

**STANDARD ACCESSORIES**

| | |
|---|---|
| Bottle 1 l - autoclavable at 120°C | AC/DC universal adapter |
| Silicone tubing set | Anti-bacterial filter |
| Suction catheter | Cable to recharge batteries from car |
| User manual (GB, IT, FR, DE, ES) | |

- **28206 MINI ASPEED BATTERY PRO - metal case - 30 l/min**

High vacuum portable medical device for professional surgical aspiration.
- it can operate at 12 V (car) power supply, rechargeable batteries or directly by mains supply
- its two cylinders electro-compressor ensures high performances and long life
- up to 45 min. of autonomy with fully charged battery
- with 99% antibacterial hydrophobic filter
- equipped with autoclavable jar with safety valve, disposable suction liner and carrying case.

- **25480 SILICONE TUBE 6x12 mm - roll of 30 m**
- **28254 ADAPTOR FOR CATHETER**
- **28255 HYDROPHOBIC 99% BACTERIAL FILTER**
- **28258 AUTOCLAVABLE JAR 1000 ml (with cover)**
- **28259 DISPOSABLE SUCTION LINER**

**TECHNICAL SPECIFICATIONS MINI ASPEED**

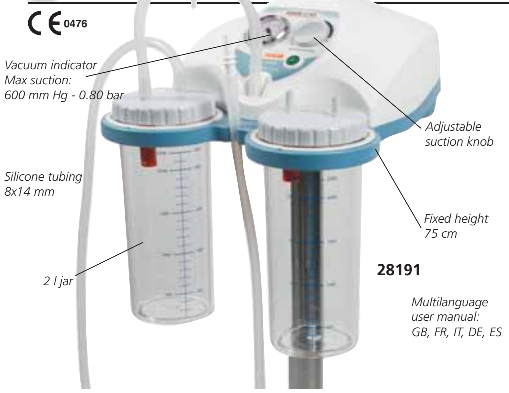
Operating Voltage: 100-240 V 50/60 Hz AC - 14 V DC 4.28 A
Size: 370x100x240 mm Weight: 5.8 kg (include kit)
Max suction: - 0.85 bar
Suction power: 30 air litres/min.
Sound level: 65 db
Norms: MDD 93/42/ECC (class IIa - annex IX)
IEC 60601-1, UNI ENISO 10079-1 Made in Italy

**STANDARD ACCESSORIES**

| | |
|---|---|
| Autoclavable jar 1000 cc with safety valve | Anti-bacterial hydrophobic filter |
| | Multivoltage battery charger |
| Silicone tubing set Ø 6x12 mm | Cigarette lighter power cord. |
| Disposable suction liner | Shoulder carrying bag |
| Sterile cannula | User manual (GB and IT) |

Disposable suction liner inside autoclavable jar

## SUPERVEGA SUCTION ASPIRATOR ON TROLLEY



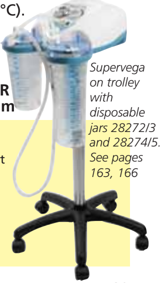
- **28191 SUPER VEGA on trolley - suction 2x2 l jar**
- **28192 SUPER VEGA on trolley - suction 2x2 l jar with footswitch**

Continuously adjustable vacuum, with indicator.
Silicone connection tube. 2 jars 2 litres, made of sterilizable polycarbonate (autoclavable at 120°C).
Working time: 120 min ON, 60 min. OFF.
Suction power: 40 air litres/min.
Steel painted frame, fitted with 5 star base.
Norms CEI 62-5 (IEC 601-1) - Class II - Type B

- **28239 HYDROPHOBIC 99% BACTERIAL FILTER**
- **25482 SILICONE TUBE - 8x14 mm - roll of 30 m**

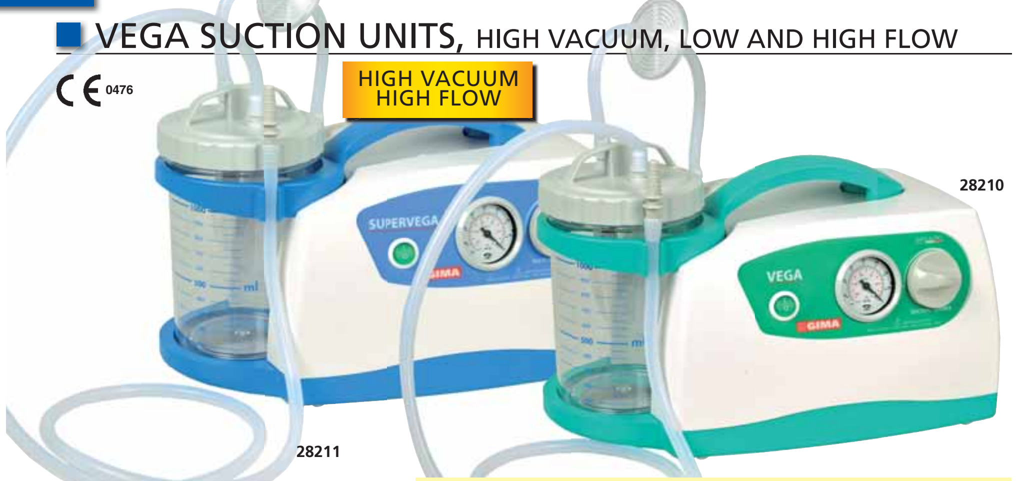
**TECHNICAL SPECIFICATIONS**

Size: 32x30xh 90 cm Weight 6.2 kg
Operating voltage: 220-230 V - 50/60 Hz; other on request
Power consumption: 110 VA
Maximum suction: -0.80 bar (600 mm Hg)
Flow: 40 air litres/minute
Operating cycle: continuous
Norms CEI 62-5 (IEC 601-1) - CE 93/42 EEC
User manual (GB, FR, DE, IT, ES)
Made in Italy



Supervega on trolley with disposable jars 28272/3 and 28274/5. See pages 163, 166

## VEGA SUCTION UNITS, HIGH VACUUM, LOW AND HIGH FLOW



**TECHNICAL SPECIFICATIONS**

| | 28209 VEGA UNO | 28210 VEGA | 28211 SUPERVEGA |
|---|---|---|---|
| Operating Voltage: | 220-230 V - 50/60 Hz<br>110 V - 60 Hz (on request) | 220-230 V - 50/60 Hz<br>110 V - 60 Hz (on request) | 220-230 V - 50/60 Hz<br>or 110 V - 60 Hz |
| Power consumption: | 184 W | 184 W | 106 W |
| Bottle capacity: | 1,000 ml | 1,000 ml | 1,000 ml or 2,000 ml |
| Flow (air litres/min): | 15 l/min | 16 l/min | 40 l/min |
| Max suction: | -0.75 bar (563 mm/Hg) | -0.75 bar (563mm/Hg) | -0.80 bar (600mm/Hg) |
| Operating cycle: | continuous | continuous | continuous |
| Size: | 25x19x16.5 cm | 35x21x18 cm | 35x21x18 cm |
| Weight: | 2.2 kg | 2.5 kg | 3.6 kg |
| Norms: | 93/42/ECC | 93/42/ECC | 93/42/ECC |

**VEGA SUCTION UNITS**

A line of stylish, compact and reliable aspirators for small surgery. Silent, high flow and maintenance - free pumps allow long product life and durability.
Recommended for nasal aspiration, oral aspiration, tracheal aspiration of body liquids (mucus, catarrh or blood) in adults or children.
Equipped with vacuum regulator continuously adjustable, vacuum indicator, unbreakable 1,000 ml or 2,000 ml bottle, autoclavable at 121°C, with safety float control valve to prevent overflow. Optional bottle autoclavable at 134°C. Manufactured in electric and thermal insulated plastic body.
**Autoclavable and disposable collection system:** In addition to standard autoclavable jar is available a disposable collection system composed by a rigid reusable container and a polyethylene disposable liner with cover, hermetically sealed, and hydrophobic, antireflux, bacterial filter operating as an overflow valve.
Made in Italy.

| GIMA code | VEGA SUCTION ASPIRATOR | Operating power | Flow |
|---|---|---|---|
| 28209 | Vega Uno | 220-230 V - 50/60 Hz | 15 l/m |
| 28210 | Vega | 220-230 V - 50/60 Hz | 16 l/m |
| 28211 | Super Vega 1l | 220-230 V - 50/60 Hz | 40 l/m |
| 28212 | Super Vega 2l | 220-230 V - 50/60 Hz | 40 l/m |
| 28189 | Super Vega 1l | 110 V - 60 Hz | 40 l/m |

1 l policarbonate autoclavable jar with overflow safety valve
28209
28252
Adaptor to connect catheter to silicone tube

**STANDARD ACCESSORIES**

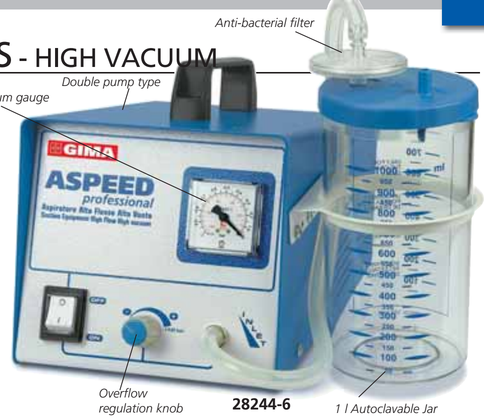
Autoclavable jar (1 or 2 l) with overflow valve system
Antibacterial and hydrophobic filter
Set of silicone tubes 6x10 mm
Conical connector for probes
6 languages user manual (GB, FR, IT, DE, ES, PT)

28229

| GIMA code | SPARE ACCESSORIES FOR VEGA AND TOBI LINE |
|---|---|
| 28229 | Hydrophobic, 99% antibacterial filter |
| 28226 | 121°C autoclavable jar 1 l with cover and overflow system |
| 28236 | 121°C autoclavable jar 2 l with cover and overflow system |
| 28227 | Cover and overflow valve system for 28226 and 28236 |
| 28185 | 134°C autoclavable jar 1 l with cover and overflow system |
| 28186 | 134°C autoclavable jar 2 l with cover and overflow system |
| 28184 | Cover and overflow valve system for 28185 and 28186 |
| 28271 | Disposable liner 1 l (cover + bag) |
| 28270 | Container for disposable liner 1 l |
| 28268 | Disposable liner 1 l (cover + bag) - box of 50 |
| 28273 | Disposable liner 2 l (cover + bag) |
| 28269 | Disposable liner 2 l (cover + bag) - box of 50 |
| 28272 | Container for disposable liner 2 l Ø 13 cm top, 9.5 cm bottom |
| 25468 | Silicone tube 6x10 mm - roll of 30 m |
| 28252 | Adaptor to connect catheter to silicone tube |
| | Suction catheter - see at page 43 |
| 28213 | Trolley for Vega and Super Vega (not for Vega Uno) |
| 28276 | Vacuum indicator for Vega and Super Vega (not for Vega Uno) |

## PROFESSIONAL ASPIRATORS - HIGH VACUUM

CE 0434
EN ISO 10079-1
Class I
Type B



**ASPEED PROFESSIONAL SURGICAL ASPIRATORS**
Piston-type continuous cycle electric aspirators give high performance and great durability. Equipped with a protective thermal cut-out relay. They require no maintenance or lubrication. A motor-protector cap totally prevents aspirated liquids or secretions from reaching and damaging the vacuum pump. Ideal for clinical use.
Made in Italy.

| GIMA code | ASPEED ASPIRATORS | Power | Pump | Case |
|---|---|---|---|---|
| **28244** | Aspeed 15 l | 230 V | single | metal |
| **28245** | Aspeed 22 l | 230 V | double | metal |
| **28246** | Aspeed 22 l | 110 V | double | metal |
| **28280** | Aspeed 2 15 l | 230 V | single | plastic |
| **28281** | Aspeed 2 22 l | 230 V | double | plastic |

| GIMA code | ACCESSORIES AND SPARES FOR ASPEED |
|---|---|
| **28255** | Hydrophobic 99% bacterial filter |
| **28258** | Autoclavable jar 1l with cover |
| **28259** | Disposable suction liner |
| **25480** | Silicone tube 6x12 mm - roll of 30 m |
| **28254** | Adaptor to connect catheter to silicone tube |
| **28261** | Adaptor kit to use jar 1l (28258)<br>with ASPEED manufactured before 2007 |

**STANDARD ACCESSORIES**
- Autoclavable policarbonate jar 1,000 cc with safety valve (overflow protection)
- Disposable suction liner 1 l
- 99% Antibacterial hydrophobic filter
- Sterile disposable cannula
- Sterile manual flow regulator
- Set of atoxic sterilizable silicone tubes
- Power Cable
- User Manual GB, FR, IT, DE, ES

**TECHNICAL SPECIFICATIONS**

| | ASPEED | | ASPEED 2 | |
|---|---|---|---|---|
| | **28244** | **28245/6*** | **28280** | **28281** |
| Operating voltage: | 230 V-50 Hz | *110-60 Hz | other voltage on request | 230 V - 50/60 Hz |
| Bottle capacity: | 1 l | 1 l | 1 l | 1 l |
| High vacuum: | low flow | low flow | low flow | high flow |
| Air flow: | 15 l/min | 22 l/min | 15 l/min | 22 l/min |
| Adjustable vacuum level: | 0÷ -0.85 bar (0÷ -85 kPa) | | | |
| Weight: | 3.5 kg | 4.5 kg | 2.5 kg | 3.2 kg |
| Case material: | metal | | plastic | |
| Noise level: | 55 dBA | 65 dBA | 55 dBA | 55 dBA |

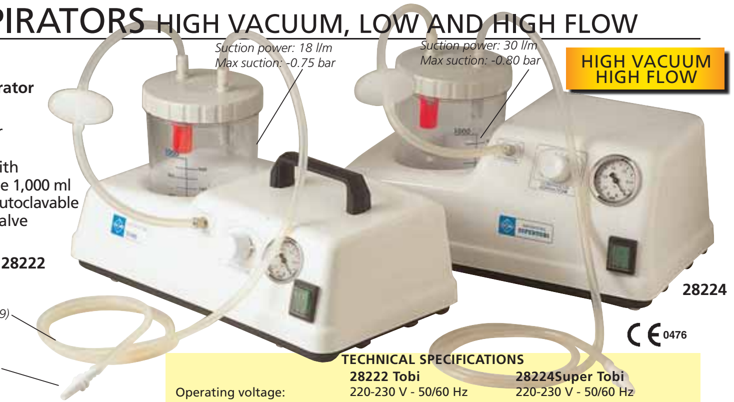
**28258** *Autoclavable Jar, h 19.2 cm Ø 10 cm top, 9.7 cm base*
**28259** *Disposable suction liner*

## SUCTION ASPIRATORS HIGH VACUUM, LOW AND HIGH FLOW

- **28222 TOBI - suction aspirator 220-230 V - 50/60 Hz**
- **28224 SUPER TOBI - suction aspirator 220-230 V - 50/60 Hz**

Portable suction aspirators, ideal for tracheotomy and small surgery.
Vacuum continuously adjustable with vacuum indicator. Have unbreakable 1,000 ml standard bottle (2,000 ml optional) autoclavable at 120°C with safety float control valve to prevent overflow.
Silicone connection tube.
ABS plastic case.
Made in Italy

HIGH VACUUM
HIGH FLOW



CE 0476

**STANDARD ACCESSORIES**

| | Tobi | Super Tobi |
|---|---|---|
| Bottle 1,000 ml with cover | 1 | 1 |
| Antibacterial Filter | 1 | 1 |
| Suction catheter | 1 | 1 |
| Silicon Tube set | 1 | 1 |
| User manual GB, FR, IT, DE, ES | 1 | 1 |

**TECHNICAL SPECIFICATIONS**

| | 28222 Tobi | 28224Super Tobi |
|---|---|---|
| Operating voltage: | 220-230 V - 50/60 Hz | 220-230 V - 50/60 Hz |
| Power consumption: | 184 W | 106 W |
| Bottle capacity: | 1,000 ml | 1,000 ml |
| Flow (air litres/min): | 18 l/min | 40 l/min |
| Max suction: | -0.75 bar (563mm/Hg) | -0.80 bar (600mm/Hg) |
| Working time: minutes | 20 ON / 40 OFF | 120 ON / 60 OFF |
| Size (cm): | 37x22xh 21 cm | 37x22xh 21 cm |
| Weight: | 3.5 kg | 5.25 kg |
| Norms: | IEC 601-1 | IEC 601-1 |

## HIGH VACUUM, HIGH FLOW HOSPITAL SUCTION ASPIRATOR

*Standard Clinic Plus and Hospi Plus*

*Clinic Plus and Hospi Plus with foot switch and electronic flow direction regulator*

CE 0476
*Size: 460x850x420 mm*
*Weight: 20 kg*

New innovative range of high vacuum, high flow aspirator ideal for hospitals. Pump piston type, lubrication and maintenance free. Supplied with hydrophobic 99% bacterial filter, vacuum gauge for control of vacuum and 2 autoclavable jars (2 or 4 litres) made in makrolon with 200/400 ml graduation and double security valve. Available on request 2 or 3 litre disposable liners. Range includes version with foot switch and flow direction regulator, 110 and 230 V.
Four antistatic castors, two of which with brake, allow a perfect mobility. User manual in GB, FR, IT, ES, DE. See spare accessories at page 159, 166. Made in Italy.

**TECHNICAL SPECIFICATIONS**

| | Hospi plus | Clinic plus |
|---|---|---|
| Operating voltage: | 110 V or 230 V - 50/60 Hz | 230 V - 50/60 Hz - 110 V on request |
| Maximum suction: | - 0.90 bar (675 mmHg) | - 0,90 bar (675 mmHg) |
| Operating cycle: | continuous | continuous |
| Flow: | 90 l/min | 60 l/min |
| Power: | 300 VA | 230 VA |
| Norms: | CEI 62-5 (IEC 601-1)<br>93/42 EEC. Made in Italy | CEI 62-5 (IEC 601-1)<br>93/42 EEC. Made in Italy |

| GIMA code | CLINIC PLUS / HOSPI PLUS | Jar | Power | Foot switch | Flow direction diverter* |
|---|---|---|---|---|---|
| **28194** | CLINIC PLUS aspirator | 2x2 l | 220-230 V | - | - |
| **28196** | CLINIC PLUS aspirator | 2x4 l | 220-230 V | - | - |
| **28198** | CLINIC PLUS aspirator | 2x4 l | 220-230 V | yes | yes |
| **28200** | HOSPI PLUS aspirator | 2x2 l | 220-230 V | - | - |
| **28199** | HOSPI PLUS aspirator | 2x2 l | 110 V | - | - |
| **28201** | HOSPI PLUS aspirator | 2x4 l | 220-230 V | - | - |
| **28203** | HOSPI PLUS aspirator | 2x2 l | 220-230 V | yes | yes |
| **28204** | HOSPI PLUS aspirator | 2x4 l | 220-230 V | yes | yes |

**Allow to direct suctioned liquids to any of the 2 jars*

## MAXI ASPEED HIGH FLOW ASPIRATOR FOR HOSPITAL USE

**MAXI ASPEED SURGICAL ASPIRATORS**
Surgical aspirators for aspiration of body liquids in operating theatres and hospitals.

**Easy to carry**
Equipped with 4 antistatic wheels (2 with brake) and carrying telescopic handle.

**Developed to run continuously**
Made in highly heat resistant, electrically insulated plastic material in conformity with latest European safety standards. Vacuum regulator with BAR/PSI vacuometer and automatic flow direction regulator to easily switch from a jar to the other. Supplied with 2 autoclavable polycarbonate jars with safety valve (overflow protection), set of atoxic sterilizable silicone tubes, 99% antibacterial hydrophobic filters (2) and multilanguage manual (GB, FR, IT, DE, ES). Made in Italy.

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Operating voltage: | 230 V - 50/60 Hz. Available on request 110 V - 60 Hz |
| Air flow: | 60 or 90 l/min |
| Operating cycle: | continuous |
| Adjustable vacuum level: | 0-0.90 bar (0-90 kPa) |
| Size: | 470x580x560 mm |
| Weight: | 15 kg (60 l), 17 kg (90 l) |
| MDD class: | IIa |

| GIMA code | MAXI ASPEED | Jar | Power | Foot switch | Flow direction regulator |
|---|---|---|---|---|---|
| **28285** | Maxi Aspeed 60 l | 2x2 l | 230 V | - | yes |
| **28286** | Maxi Aspeed 60 l | 2x2 l | 230 V | yes | yes |
| **28288** | Maxi Aspeed 60 l | 2x4 l | 230 V | yes | yes |
| **28289** | Maxi Aspeed 90 l | 2x2 l | 230 V | - | yes |
| **28291** | Maxi Aspeed 90 l | 2x4 l | 230 V | - | yes |
| **28292** | Maxi Aspeed 90 l | 2x4 l | 230 V | yes | yes |
| | **ACCESSORIES** | | | | |
| **28294** | Autoclavable jar 2 l with safety valve | | | | |
| **28295** | Autoclavable jar 4 l with safety valve | | | | |
| **28297** | Hydrophobic 99% antibacterial filter | | | | |
| **25482** | Silicone tube - 8x14 mm - roll of 30m | | | | |

# HIGH VACUUM, HIGH FLOW HOSPITAL SUCTION ASPIRATOR

28232

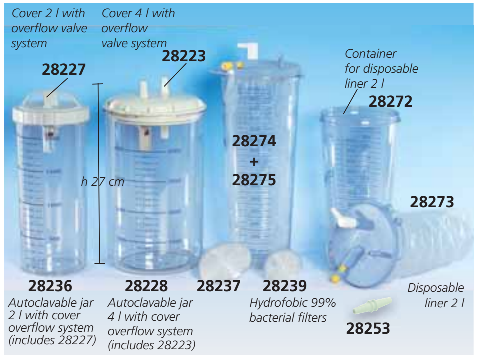
28231

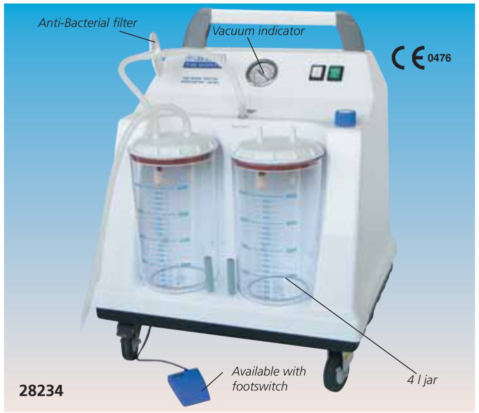
Ideal for hospital, these suction aspirators are manufactured in ABS. Four antistatic castors, two of which with brakes, to allow perfect mobility. Vacuum gauge for the control of vacuum (1 bar). 2 or 4 litre jar made of autoclavable makrolon, with 200/400 ml graduation. Each jar with double security valve. Pump piston type, lubrication and maintenance free.
With anti bacterial filter. Available model with footswitch and other operating voltage (110 V).
User manual in GB, FR, IT, ES, DE. Made in Italy.

| GIMA code | TOBI CLINIC / HOSPITAL | Jar | Power | Foot switch |
|---|---|---|---|---|
| **28231** | TOBI CLINIC - suction aspirator | 2x2l | 220-230 V | - |
| **28214** | TOBI CLINIC - suction aspirator | 2x2l | 220-230 V | yes |
| **28215** | TOBI CLINIC - suction aspirator | 2x4l | 220-230 V | - |
| **28216** | TOBI CLINIC - suction aspirator | 2x4l | 220-230 V | yes |
| **28232** | TOBI HOSPITAL - suction aspirator | 2x2l | 220-230 V | - |
| **28202** | TOBI HOSPITAL - suction aspirator | 2x2l | 220-230 V | yes |
| **28233** | TOBI HOSPITAL - suction aspirator | 2x4l | 220-230 V | - |
| **28234** | TOBI HOSPITAL - suction aspirator | 2x4l | 220-230 V | yes |
| **28235** | TOBI HOSPITAL - suction aspirator | 2x2l | 110 V | - |

**TECHNICAL SPECIFICATIONS**

| | Hospital (28202-28232/3/4/5) | Clinic (28214/5/6, 28231) |
|---|---|---|
| Size: | 55x45xh 65 cm | 46x42xh 60 cm |
| Weight: | 20 kg | 13 kg |
| Operating voltage: | 110 V or 230 V - 50/60 Hz | 110 V or 230 V - 50/60 Hz |
| Maximum suction: | - 0.90 bar (675 mm/Hg) | - 0.90 bar (675 mm/Hg) |
| Operating cycle: | continuous | continuous |
| Flow: | 90 l/min | 60 l/min |
| Norms: | CEI 62-5 (IEC 601-1)<br>93/42 EEC. | CEI 62-5 (IEC 601-1)<br>93/42 EEC. |


Cover 2 l with overflow valve system
Cover 4 l with overflow valve system
28227
28223
Container for disposable liner 2 l
28272
28274 + 28275
h 27 cm
28273
28236
28228
28237
28239
Disposable liner 2 l
28253
Autoclavable jar 2 l with cover overflow system (includes 28227)
Autoclavable jar 4 l with cover overflow system (includes 28223)
Hydrofobic 99% bacterial filters



28234

| GIMA code | ACCESSORIES FOR CLINIC/HOSPITAL, CLINIC PLUS, HOSPI PLUS | To be used with |
|---|---|---|
| **28237** | Hydrophobic, 99% bacterial filter | Hospital/ Hospi plus |
| **28239** | Hydrophobic, 99% bacterial filter | Clinic/Supervega Trolley |
| **28236** | 121°C autoclavable jar 2l with overflow system | All 2 l aspirators |
| **28227** | Cover 2l with overflow valve system | 28236 |
| **28228** | 121°C autoclavable jar 4l with overflow system | All 4 l aspirators |
| **28223** | Cover 4l with overflow valve system | 28228 |
| **28186** | 134°C autoclavable jar 2l with overflow system | All 2 l aspirators |
| **28184** | Cover 2l with overflow valve system | 28186 |
| **28187** | 134°C autoclavable jar 5l with overflow system | All 4 l aspirators |
| **28272** | Container for disposable liner 2l | All 2 l aspirators |
| **28273** | Disposable liner 2l cover+bag | 28272 |
| **28274** | Container for disposable liner 3l | Clinic/Hospital/<br>Hospital plus 2 l |
| **28275** | Disposable liner 3 l cover+bag | 28274 |
| **25482** | Silicone tube 8x14 - roll of 30 m | Clinic/Hospital |
| **28253** | Adapter to connect catheter to silicone tube | 25482 |
| | Suction catheter see at page 43 | 28253 |
| **28276** | Vacuum indicator Ø 50 mm | Clinic |
| **28277** | Vacuum indicator Ø 60 mm | Clinic plus/Hospi Plus<br>Hospital |
| **28265** | Bottom base | Clinic plus/Hospi Plus |
| **28266** | Bottom base | Clinic |
| **28267** | Bottom base | Hospital |

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# GIMA LED COLPOSCOPE

- **29600 COLPY - GIMA LED COLPOSCOPE**

Easy to use LED colposcope mounted on a 5 wheels base (Ø 41 cm).

**COLPOSCOPE TECHNICAL SPECIFICATIONS**
Magnifying: 8.2X with standard 10X eyepieces
Field: 35 mm
Optic system: stereo with inter-pupil adjustment and optic head at 45°
Illumination: LED bulb
Working distance: 28 cm
Interpupillary distance: 48-77 mm
Green filter
Operating voltage: 100-240V, 50-60 Hz
Norms: CLASS I Type B - IEC 601-1 CE 93/42/EEC.
Made in Italy

- **29601 CAMERA CONNECTOR for 29602**

To connect a camera with standard "C mount" to GIMA colposcope.

- **29602 MC1 PAL CAMERA - for Colpy**

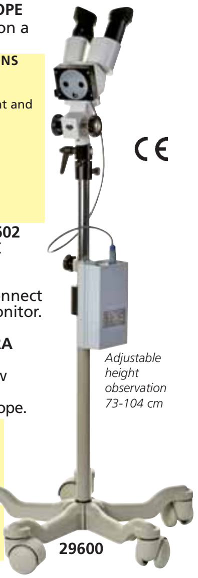
Fit the camera to one eyepiece and connect the video cable to a high definition monitor. Needs 29601.

- **29603 DL1 DIGITAL - USB 2.0 CAMERA with grabbing software for Colpy**

Fitted on one eyepiece, allows to show image on PC through USB connection, becoming a high definition videocolposcope.

**TECHNICAL SPECIFICATIONS - 29602**
Camera sensor: 1/3 CCD
Resolution: 480 lines
Power: 230 V - 50/60 Hz
RCA video composite output 3 m cable
Head size: 38x40x70 mm

**TECHNICAL SPECIFICATIONS - 29603**
CMOS /3“ sensor
Max resolution pictures 1280x1024 pixels
Max resolution movie 440x480 pixels



29600

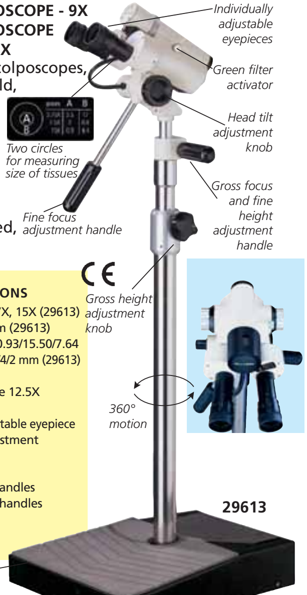
# ALLTION LED COLPOSCOPE

- **29612 ALLTION LED COLPOSCOPE - 9X**
- **29613 ALLTION LED COLPOSCOPE**

**3,75X, 7X, 15X - > 28,000 LUX**

High quality and complete colposcopes, with excellent optics and cold, longlife white light. Compact, lightweight and easy to use offers superior quality at a competitive price. A special universal Teflon® ball joint gives user 360° easy motion for gross focus. Comes assembled, ready for use.

**TECHNICAL SPECIFICATIONS**
Magnification 9X (29612) or 3,75X, 7X, 15X (29613)
Focus length: 316 (29612) or 300 mm (29613)
Field of view: diameter 22 mm or 30.93/15.50/7.64
Depth of field: > 4 mm (29612) or 18/4/2 mm (29613)
Light intensity: > 28.000 lux
Interchangeable adjustable eyepiece 12.5X
Illumination: longlife 5.9V / 5W LED
Superior optics with individually adjustable eyepiece
Built-in rheostat for brightness adjustment
Easily changeable, LED bulb
User-selectable built-in green filter
Two (gross/fine) focus adjustment handles
Two (gross/fine) height adjustment handles (838-1194 mm)
Smooth action control
Main Power: 110V/220V


Individually adjustable eyepieces
Green filter activator
Head tilt adjustment knob
Two circles for measuring size of tissues
Gross focus and fine height adjustment handle
Fine focus adjustment handle
Gross height adjustment knob
360° motion
Roller base for easy movement
29613

# DIGITAL LED VIDEO COLPOSCOPES

- **29620 COLPRO LED VIDEO COLPOSCOPE**
- **29622 COLPRO LED VIDEO COLPOSCOPE - FULL HD**

The digital video colposcopes COLPRO are the perfect combination of an advanced video technology and the feedback received from gynaecologists, users and stakeholders. They are known for their ruggedness and versatility and they provide high resolution images of cervix and genital area for effective colposcopy diagnosis and treatment.
Main features:
**5 levels of light intensity** to observe finest changes in tissue structure.
**Electronic Green Filter:** 4 different grades (5 for HD) ensure an optimal observation without any light loss.
**5 image colours settings** that guarantee best colour differentiation in epithelium.
**Mirror and E-flip image:** facility to change the direction of the image from left to right horizontally (mirror) or from upward to downward vertically (E-flip).
**Gamma processor:** assures high quality image processing for better visualization of vessels and tissue structure.
**Magnification up to 55 times and Auto-focus:** the colposcope focuses even if the patient moves. 1-55X (29620), 1-45X (29622).
**Remote control** allows to control the functions even from a distance.
**Freedom of connectivity:** can be connected to a TV or a monitor and to PC via USB. 2 video outputs can be taken on 2 different screens simultaneously.
**User friendly design:** ergonomic and user friendly design, easy to move. Height adjustable to have best positioning for colposcopy procedure.
**Maintenance free, shadowless LED light source**

- **72708 SONY LMD LCD MEDICAL MONITOR - 15" - support included**

29620

**EMI/EMC tested**

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Image processor: | Sony Japan colour CCD |
| Pixels: | 1,200,000 (29620)<br>2,000,000 (29622) |
| Resolution: | 825 TV Lines (29620)<br>1,000 TV Lines (29622) |
| E-flip: | yes |
| Mirror image: | yes |
| Electronic Shutter: | automatic |
| S/N ratio: | >48 db (29620), >50 db (29622) |
| Illumination: | high MCD super bright white shadowless LED light |
| Colour temperature: | 7,000° K |
| Test timer: | yes |
| Multigrade green filter: | yes (4 grades, 5 for HD) |
| Blue filter: | yes |
| Focus: | automatic and manual |
| Focus distance: | 20-30 cm |
| Zoom: | 1-55X (29620), 1-45X (29622) |
| Viewing area: | Ø 170 mm - 10 mm |
| Depth of view: | Ø 200 mm - 5 mm |
| Magnification display: | Yes |
| Average LED lamp life: | 50,000 hours |
| Video output: | BNC and SVHS (both)<br>YPBPR and DVI (29622 only) |
| Safety standard: | complies to IEC 60601 including EMC |
| Power supply: | 100-240 VAC, 50/60 Hz |
| | Made in Australia |

# COLPOSCOPY IMAGE, VIDEO & PATIENT DATA MANAGEMENT SOFTWARE

- **29621 COLPOSCOPY SOFTWARE FOR COLPRO COLPOSCOPE AND COLPY WITH DIGITAL CAMERA**

A powerful IT tool in the hands of our busy gynaecologists to manage not only videos, images, clinical data and details of the patients, but also to provide them an opportunity to store, edit, burn on CD or DVD, print the detailed reports and use graphical data for presentation. Multilanguage software (GB, ES, IT, DE, FR, PT). Footswitch for capturing and saving images.
*Compatible with Windows 7 (64-bit) / XP / Vista, Windows 8 and 10 Operating Systems*
*Easy to install and maintain*
*Password protected log-in to ensure data privacy*
*Enormous level of live recording facilities and image capturing at very high pixels simultaneously with just a click*

*Various kinds of colposcopy video clippings, movies, images for reference and education purpose have been incorporated in the software. Print out of reports with relevant details can be prepared for future follow-up of the patient*
***Comparison** mode with linked images*
***Forensic examination** & sexual abuse*
*Leep/Lleitz approach to treat high grade dysplasia*
***Cryo surgery** report*
*Statistical data representation with graph*
*Multiformat 1-2-3-4 images diagnosis report*
*HAMMOND graph (biopsy graph)*
*Marking and highlighting*

# SONOST 3000 - ULTRASOUND BONE DENSITOMETER

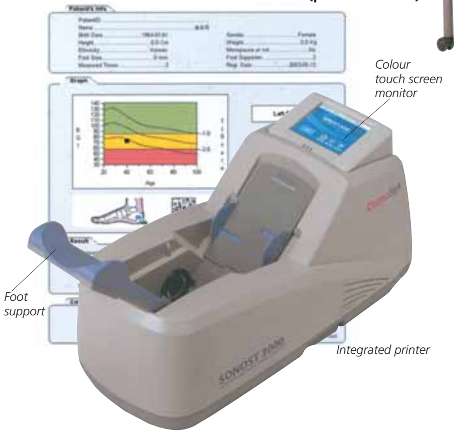
- **33996 SONOST 3000 with integrated software**

**Waterless Ultrasound Bone Densitometer (BMD).**
Sonost 3000 is a portable, economic solution for evaluating the risk of osteoporotic fracture. Its high accuracy assists in the first diagnosis of osteoporosis monitoring bone changes.
It provides fast, convenient and easy-to-use informations on bone quality and fracture risk.
It can be connected to a keyboard to a monitor for data reading and to an external printer for A4 printing
Main features:
- superior precision
- full dry and stand alone system
- fast measurement (only 15 seconds)
- auto positioning probe
- permanent coupling pad
- over 10,000 memories

Manual: GB, IT (ES on request).

- **33250 THERMAL PAPER 57 mm x 25 m (pack of 5 rolls)**

Easy to use Multilanguage software (GB, FR, IT, ES, DE)
Software is integrated in Sonost 3000 that can be connected to a monitor or typewriter
No radiation hazard
Integrated printer



**TECHNICAL SPECIFICATIONS**

| | | | |
|---|---|---|---|
| Measurement site: | Calcaneus (Heel bone) | | |
| Scan Time: | 15 seconds | | |
| Measurement: | Estimated heel BMD and Bone Quality Index (BQI) Obtained from measured Broad band Ultrasound Attenuation (BUA) and Speed of Sound (SOS) | | |
| Estimated Index: | SOS (C.V.%) | BUA (C.V.%) | BQI (C.V.%) |
| In Vivo: | 0.2 | 1.5 | 1.5 |
| Transducer: | 25 mm - 100 mm | | |
| Separation range: | Automatic adjustment | | |
| Storage capacity: | 10,000 patient information | | |
| Coupling method: | coupling gel (water not used) | | |
| Display: | 6.4 inch TFT LCD (65536 colour) | | |
| User Interface: | Touch screen<br>USB for connection to mouse or keyboard | | |
| Printer: | Thermal Printer | | |
| Operating voltage: | AC 100V~240V - 50/60Hz - 130W | | |
| Dimension: | 30x62x39 cm | | |
| Weight: | 12 kg | | |

# AC-2311 LED VIDEO COLPOSCOPE WITH CAMERA

- **29624 AC-2311 LED VIDEO COLPOSCOPE WITH CAMERA**

**- Superb optical features:**
The excellent optical design allows:
1 - high resolution
2 - real 3-dimensional precise image reproduction
3 - large depth of field
4 - wide field of view
5 - good contrast

Apochromatic optics design can correct the chromatic aberration of three types of coloured light effectively.
It ensures the reduction and saturation of image colour and improves resolution, contrast and view depth of image.

**- 3-step magnification:**
3-step magnification (3.75X - 7.5X - 15X) provides larger magnifying range and more selection from lowest magnification for an overview to high magnification for precise and close inspection and treatment.

**- Two optical circles for quick measuring size or tissue**

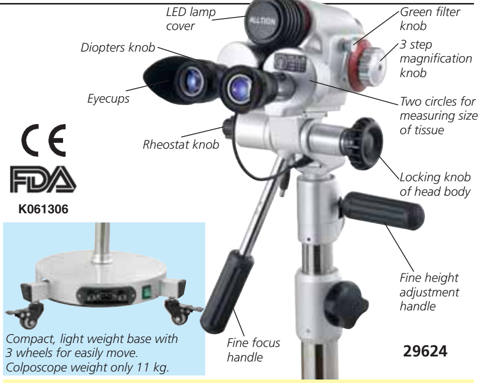
**- Integrated green filter**
It can help to recognize blood vessels

**- LED illumination**
LED coaxial illuminator provides pure white colour light similar to sunlight to show real colour. Bulb life over 10,000 hours/10 years for long lasting performance. It saves your cost for the spare bulbs & electric charge.

**- Integrated camera**
The images from integrated video camera can be transferred directly into a monitor or a TV, into a computer with USB adapter or stored into a hard disk recorder.

**- Ergonomic design for comfortably long time precision operation**
It is supplied completely assembled and ready for use

- **29621 COLPOSCOPY SOFTWARE - see page 167**


LED lamp cover
Green filter knob
Diopters knob
3 step magnification knob
Eyecups
Two circles for measuring size of tissue
Rheostat knob
Locking knob of head body
K061306
Fine height adjustment handle
Fine focus handle

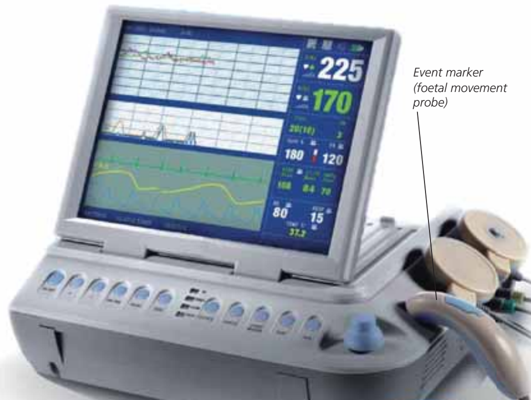
Compact, light weight base with 3 wheels for easily move. Colposcope weight only 11 kg.

**29624**

**TECHNICAL SPECIFICATIONS**

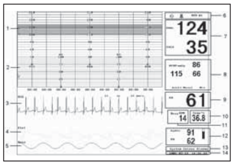
Total magnification 3.75X, 7.5X, 15X
300mm focal length
Field of View: Ø 79 mm, 39 mm, 19 mm
Depth of Field: 4.5 mm, 1.13 mm, 0.76 mm
Light intensity >25,000 LUX
Individually adjustable eyepiece 16.7X
Right eyepiece with built-in two circles to measure the size of the problem you see
Built-in rheostat for brightness adjustment
User-selectable built-in green filter for enhanced contrast
LED bulb is easily changeable
Working height: 975 mm to 1,135 mm
Fine focus adjustment handles
Two (Gross/Fine) height adjustment handles
Main power supply: 100 V to 240 V
Weight: 11 kg

# PC-8000 PRO HOSPITAL FOETAL MONITOR



- **29550 PC-8000 PRO SINGLE FOETAL MONITOR**
- **29551 PC-8000 PRO TWINS FOETAL MONITOR**

Maternal foetal monitor suitable for hospital use.
Main features:
- 12.1” High-brightness TFT display (800x600 pixel)
- parameters: ECG, $SpO_2$, NIBP, TEMP, RESP, PR, FHR, TOCO & FM
- rotatable screen viewed from different directions and 5 different styles of operation display
- equipped with reliable, high sensitivity,12-element pulse doppler transducer
- FHR and TOCO trend review
- store and view of 48-hours monitoring data
- built-in Linux operation system
- built-in high-speed thermal printer
- internal rechargeable Li-ion battery
- visual and audible alarms
- selectable internal software: GB, FR, IT, ES, PT, PL, RU, TR.



**STANDARD ACCESSORIES**

| | | | |
|---|---|---|---|
| US probe (ultrasonic probe) | 1 (29550 only) | Blood pressure cuff | 1 |
| US probe (ultrasonic probe) | 2 (29551 only) | Blood oxygen probe | 1 |
| UC/TOCO probe (uterine contraction probe) | 1 | Body temperature probe | 1 |
| Event marker (foetal movement probe) | 1 | Power cable | 1 |
| Abdominal belt | 2 | Grounding wire | 1 |
| Ultrasonic coupling gel | 1 | Disposable electrode | 10 |
| ECG cable | 1 | User Manual (GB, IT) | 1 |

| GIMA code | PC 8000 PRO ACCESSORIES |
|---|---|
| **29552** | US probe (ultrasonic probe) - spare |
| **29553** | UC/TOCO probe - spare |
| **29554** | Event marker (foetal movement probe) - spare |
| **29555** | Abdominal belt - spare |
| **29556** | Z-fold paper 112x100 mm for 29550 - 20 boxes of 150 sheets |
| **29557** | Z-fold paper 150x100 mm for 29551 - 25 boxes of 150 sheets |
| **33297** | 3M RED DOT™ electrodes Ø 6 cm - box of 1,000 |

**TECHNICAL SPECIFICATIONS**

**Foetal monitoring:**
**Ultrasonic probe**
Ultrasonic working frequency: 1 MHz tolerance: ±5%
ISATA: ≤10 $mW/cm^2$
Foetal heart rate measuring range: 50 - 240 bpm ±2 bpm
FHR alarm: when the FHR value exceeds the preset value, the monitor will send an alarm for 30 s that will stop by pressing alarm key
**TOCO probe**
Zero setting mode: manual
TOCO measuring range: 0 ~ 100% tolerance: ±10%
**Marker mode**
Mode: Manual and AUTO
**ECG/RESP Monitoring:**
ECG amplification bandwidth:
Monitoring mode: 1 - 40 Hz (+0.4 db -3 db)
Diagnostic mode: 1 - 75 Hz (+0.4 db -3 db)
HR range: 30 ~ 300 bpm (±1% or ±1 bpm, whichever is greater)
CMRR (Common-Mode Rejection Ratio): ≥80 dB
Time constant: Monitoring mode: ≥0.3 s, Diagnostic mode: ≥3.2 s
ECG gain: X1/2 5 mm/mV ±5%, X1 10 mm/mV ±5%, X2 20 mm/mV ±5%
RESP monitoring range: 0-100 rpm (±5% or ±2 rpm, whichever is greater)
**NIBP Monitoring:**
Measuring technology: Automatic measurement by smart oscillating method
Initial cuff inflation pressure: adult mode 180 mmHg
Max. inflation pressure allowed: adult: 300 mmHg
Accuracy: ±10% or ±10 mmHg, whichever is greater
Factory-set measuring mode: manual
Measuring intervals: 1-240 minutes adjustable, interval tolerance: <10s
Monitoring range: Systolic pressure: 50 ~ 240 mmHg
Mean arterial pressure: 25 ~ 200 mmHg
Diastolic pressure:15 ~ 180 mmHg
Measurement accuracy ±8 mmHg
**$SpO_2$/Temperature Monitoring:**
Pulse oxygen saturation range: 0 - 99% (75 - 99% ±2%, 50 - 74% ±3%)
Pulse rate: 30 - 240 bpm (±2% or ±2 bpm, whichever is greater)
Temperature response time: ≤150 s
**Other Technical Information and Parameters:**
Mains power supply: 100 ~ 250 VAC, 50/60 Hz <100 VA
Internal power supply: Li-ion, rechargeable battery
6 hours to full recharge during monitoring
4 hours to full recharge when monitor is off
Display mode: TFT display
Alarm: audible & visible alarm
Networking interface: Net port
Printing paper Z-Fold, 112x90 mm
Protection against electric shock: Class I
Size: 36x30xh 12 cm Weight: 4 kg
**Built-in thermal printer**
1/2/3 cm/min real time printing speed, fast print speed (stored traces)
Record message ID, name, age, date, time, print speed etc.

# GIMA FOETAL MONITOR PAPER FOR DIFFERENT BRANDS

| GIMA Code | FOETAL MONITOR manufacturer and model | Standard FHR rate/BPM** | Type | Width mm | Length mm or m* | Sheet | Grid*** | Min. order |
|---|---|---|---|---|---|---|---|---|
| | **BIONET** | | | | | | | |
| **29528** | Fetalcare FC/1400 | Int 60/200 | roll | 152 | 25 | - | green | 10 |
| **29522** | Fetalcare FC/700 | US 60/240 | roll | 215 | 23 | - | green | 5 |
| **29544** | Fetatrack 310 | US 60/240 | pack | 114 | 100 | 150 | blue | 20 |
| | **COMEN** | | | | | | | |
| **29556** | Star 5000/C | Int 60/210 | pack | 112 | 100 | 150 | or/red | 20 |
| **29558** | Star 5000/D | Int 60/210 | pack | 151 | 100 | 150 | or/red | 25 |
| **29557** | Star 5000/D | US 30/240 | pack | 151 | 100 | 150 | or/red | 25 |
| | **COROMETRICS** | | | | | | | |
| **29561** | 4305-BAO mod. 116-145-150-151-118 | Int 60/200 | pack | 152 | 90 | 150 | or/red | 25 |
| **29562** | 4305-BAO mod. 116-145-150-151-118 | US 30/240 | pack | 152 | 90 | 150 | or/red | 25 |

*mm (pack) or m (roll) **International or US standard FHR rate/BPM

| GIMA Code | FOETAL MONITOR manufacturer and model | Standard FHR rate/BPM** | Type | Width mm | Length mm or m* | Sheet | Grid*** | Min. order |
|---|---|---|---|---|---|---|---|---|
| | **EDAN** | | | | | | | |
| **29569** | Cadence II | US 30/240 | roll | 112 | 90 | 150 | or/red | 20 |
| **29570** | F/6-F/9 | Int 60/200 | pack | 152 | 90 | 150 | or/red | 25 |
| **29571** | Cadence II | Int 60/200 | roll | 112 | 90 | 150 | or/red | 20 |
| | **HEWLETT PACKARD** | | | | | | | |
| **29575** | 9270-0630 - 8040/A, 8030/A, 8020/A | Int 60/200 | pack | 151 | 100 | 150 | green | 25 |
| **29576** | M1911A | Int 60/200 | pack | 151 | 100 | 150 | green | 25 |
| | **SHENZEN CREATIVE** | | | | | | | |
| **29556** | PC-8000 PRO single | Int 60/210 | pack | 112 | 100 | 150 | or/red | 20 |
| **29558** | PC-8000 PRO twins | Int 60/210 | pack | 151 | 100 | 150 | or/red | 25 |
| **29557** | PC-8000 PRO twins | US 30/240 | pack | 151 | 100 | 150 | or/red | 25 |
| | **SONICAID** | | | | | | | |
| **29580** | Meridian/800 - Team | White paper | pack | 143 | 150 | 300 | white | 10 |

***or/red: grid could be orange or red colour

# TWIN FOETAL MONITOR - 7" TOUCH SCREEN COLOUR TFT LCD

**• 29516 NEW FC1400 SINGLE FOETAL MONITOR**
**• 29517 NEW FC1400 TWIN FOETAL MONITOR**

Antepartum foetal monitor to measure Foetal Heart Rate (FHR), degree of material uterine contraction (UA: Uterine Activity), foetal movements (FM)

**Superior data display**
- 7" full touch screen colour TFT LCD (800x480)
- 2 display modes: graphic and text modes
- 72 hours of memory capacity

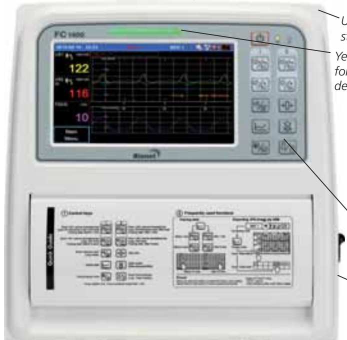
**Extreme data accuracy and access**
- high-accuracy and wide detection area
- easy on-screen scrolling function
- endurable watertight probes, 1 MHz to minimize broken FHR waveforms even if the fetus moves

**Printout**
- CTG interpretation report
- both standard and A4 size paper usable
- normal fax paper usable

**Other advantages**
- Wi-Fi central monitoring up to 16 beds (Option)
- PC compatible
- internal battery lasting 2-hours (Option)
- power adapter 100-240 V, 50-60 Hz
- multilanguage internal software: GB, FR, IT, ES, PT, DE, PL, RO, RU, CZ, HU, BG, TR, KR, CN.

Recommended after week 30

29519


USB function memory storage Wi-Fi convert
Yellow/green LED alarm for easier recogniton of device and patient status
10 smart keys for 16 functions

2 display modes

CE 0123

Compact probes and robust connector

**TECHNICAL SPECIFICATIONS**

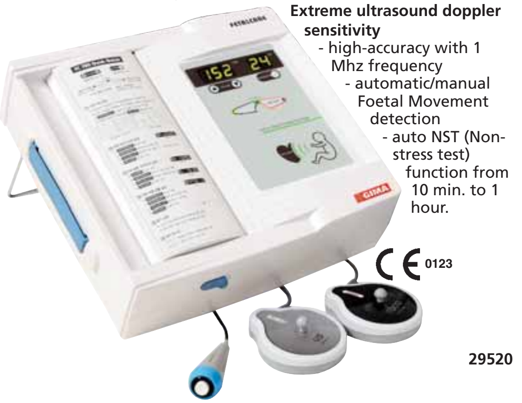
| | |
|---|---|
| Dimensions | 296x97.5xh 305.5 mm - Approx. 2.9kg |
| Display | 7" TFT Wide LCD screen (800x480) |
| Thermal array printer: | print speed: 1, 2, 3 cm/min (real time)<br>paper feeding function |
| Power | input: 100-240 V, 1.5-0.7 A, 50-60 Hz<br>output: +18 V = 2.8 A |
| Li-ion battery (option) | 4 hours (charging) - 2 hours (discharging) |
| External link | LAN, Wi-Fi, USB memory |
| Foetal heart rate | input signal: ultrasound pulsed doppler<br>ultrasound frequency: 1.0 Mhz, 975 Khz<br>ultrasound power: <10 mW/cm$^2$<br>FHR detection method: autocorrelation<br>FHR range: 50-210 bpm ±1 bpm (120-160) |
| Foetal movement measurement | detection source: ultrasound pulsed doppler, event marker |
| Uterine contraction | input source: external transducer with load cell<br>reference control: one touch switch, auto zeroing<br>measurement range: 0-99 |
| Auto CTG analysis | average baseline FHR<br>number of UC<br>number of acceleration<br>number of deceleration<br>late deceleration<br>early deceleration<br>variable deceleration<br>high episode<br>low episode<br>short term variability<br>signal loss |

# COST-EFFECTIVE SINGLE FOETAL MONITOR

**• 29520 FOETAL MONITOR GIMA FC 700**

Cost-effective single foetal monitor

**Extreme ultrasound doppler sensitivity**
- high-accuracy with 1 Mhz frequency
- automatic/manual Foetal Movement detection
- auto NST (Non-stress test) function from 10 min. to 1 hour.



CE 0123

29520

**Data printout**
- CTG analysis printing
- A4 size chart paper with perforation line
- plain thermal fax paper usable
- print speed 1, 2, 3 cm/min

**Easy-to-use**
- one- touch operation and easy setup
- alarm function (FHR high-low)
- s/w upgrade via internet

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Dimensions | 296x92.5xh 305.5 - approx. 2.9 kg |
| Display | 7 segment LED - 2 channels (FHR, UC) |
| Thermal printer | print speed: 1, 2, 3 cm/min<br>paper feeding function |
| Power adaptor | input: 100-240 VAC, 50-60 Hz, 1.2 A<br>output: 18 VDC, 2.5 A |
| External link | RS-232C |
| Foetal heart rate | input signal: ultrasound pulsed doppler<br>ultrasound frequency: 1.0 Mhz<br>ultrasound power: <10 mW/cm$^2$<br>FHR detection method: auto correlation<br>FHR range: 50-240 bpm ±1 bpm (120-160) |
| Uterine contraction | reference (zero) control: one touch switch<br>measurement range: 0-99 units |
| Foetal movement measurement | detection source: ultrasound pulsed doppler |
| Auto CTG analysis | average baseline FHR<br>number of UC<br>number of acceleration<br>number of deceleration (late, early, variable)<br>Tachycardia (moderate, severe)<br>Bradychardia (moderate, severe) |

# ACCESSORIES FOR FC700 AND FC1400 FOETAL MONITORS

| For 29520 | For 29530-31 | For 29516-17 | ACCESSORIES FOR FOETAL MONITORS |
|---|---|---|---|
| 29522 | - | - | Paper roll - 215 mm x 23 m |
| - | 29528 | 29528 | Paper roll - 152 mm x 25 m |
| 29523 | 29532 | 29538 | US doppler probe - spare |
| 29524 | - | - | UC/Toco probe up to S/N FF07XXX |
| 29529 | - | - | UC/Toco probe since S/N FF08XXX |
| - | 29533 | 29539 | Toco transducer - spare |
| 29519 | 29519 | 29519 | Trolley with 2 baskets (adjustable height) |
| - | 29534 | - | Battery NI-MH, 12 V, 2,600 mA |
| - | - | 29536 | Li-Ion battery |
| 33747 | 33747 | 33747 | AC adaptor |
| 29525 | 29525 | 29525 | Belt 5.3x148 cm |

**• 29527 WIRELESS CENTRAL STATION FOR FOETAL MONITORS**

Central station (PC, monitor, software, wireless, connection kit) to manage up to 16 monitors.

Wireless bluetooth 16 beds central system (distance 10-100 m)

**STANDARD ACCESSORIES (29516, 29517, 29520, 29530, 29531)**

1 US doppler probe (2 for 29517 and 29531)
2 (29520) or 3 fixing belt (29516-7)
1 TOCO probe
1 marker for lying-in women
1 ultrasonic gel
1 stand
2 paper rolls
1 adaptor
1 power cord
1 user manual

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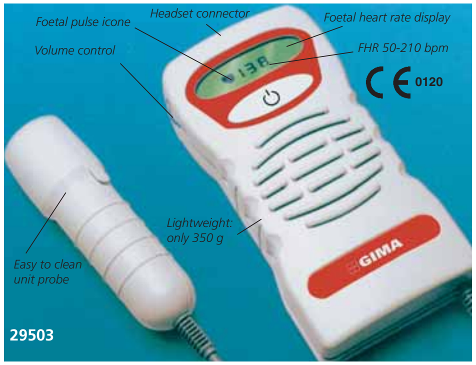
# GIMA FOETAL POCKET DOPPLERS - MADE IN U.K.



29503

**• 29502 GIMA FOETAL DOPPLER G2002**

Small, lightweight, high sensitivity pocket Doppler, with 2 MHz foetal probe, ideal for General Practitioner's or Midwife's use for routine antenatal foetal detection.

Pocket Doppler can be used to detect the beating foetal heart from about 10th week of gestation. It may be used to locate the position of the placenta, thus aiding in the early diagnosis of placenta praevia, to survey blood flow of the umbilical cord and to diagnose multiple pregnancies. Foetal signals are easily located using the lightweight narrow beam transducer while internal signal processing minimizes noise artefacts. Audio foetal heart signals are available to the user via the built-in loudspeaker or option headset, with output level controlled by rotary volume control.

**• 29511 ON/OFF MEMBRANE SWITCH for code 29502**

**• 29503 GIMA FOETAL DOPPLER D2003 with display**

Pocket foetal doppler with same specification as code 29502 but with built-in foetal heart rate processing. Foetal heart rate (FHR) is displayed on a large LCD display whilst internal signal process minimises noise artefacts.

**• 29505 GIMA FOETAL DOPPLER D2005 with display and waterproof probe**

Same as code 29503 but waterproof probe and sealed electronics.

All units are supplied in a nice bag with a tube of coupling gel and user manual in English, Spanish, French, German, Italian, Greek, Portuguese.

29502

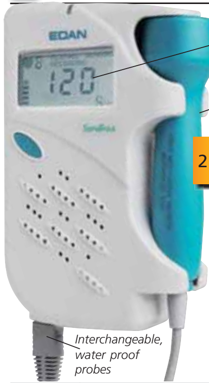
**• 29512 ON/OFF MEMBRANE SWITCH for codes 29503, 29505**

**TECHNICAL SPECIFICATION (CODES 29502 - 29503 - 29505)**

| | |
|---|---|
| Ultrasound | Frequency: 2 MHz continuous wave<br>Transducer: 2 crystal narrow beam<br>Output power: <10mW/mm$^2$ SATA<br>Audio Response 300Hz -1 KHz<br>autocorrelator (only code 29503 and 29505) |
| FHR (Fetal heart rate): | 50-210 bpm (29503, 29505) 60-210 bpm (29502)<br>resolution ± 1 bpm, accuracy ± 2 bpm |
| Unit Controls | Keys: 1 Key (for unit on/off)<br>Controls: rotary volume |
| Indicators: | 3 digit FHR LCD display (codes 29503, 29505)<br>FHR pulse icon (codes 29503, 29505), Battery low icon |
| Power supply | Battery 9 V Alkaline Manganese<br>Expected battery life: 8 hours |
| Output | Headset: Audio output to optional headset<br>Serial: RS232 interface (codes 29503, 29505)-jack 35 mm |

Material: ABS / Noryl
Size: 150 mm by 75 mm Weight: 295 g (with transducer)
Classification: Class I Type B - IEC 60601-I CE 0120
Warranty: 2 years (probe and cable included) Made in UK

# SONOTRAX DOPPLERS


Large backlight LCD display (29493 only)
Up to 4 hours continuous use
Interchangeable, water proof probes

CE 0123

SUPPORT
2MHz, 3MHz, 4MHz, 8 MHz
WATERPROOF PROBES

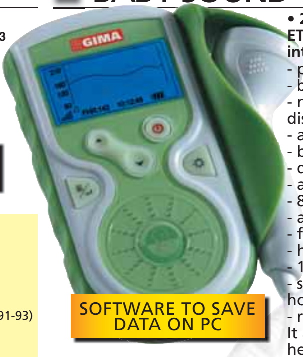
29493

**TECHNICAL SPECIFICATIONS**

Size: 32x85x138 mm
Weight: 290 g (including battery)
Heart rate range: 50-210 bpm
Resolution: 1 bpm
Accuracy: ± 3 bpm
LCD display: 45x25 mm (only code 29491-93)
Auto average and manual mode
Recording length: 480 s / 240 s
Auto power-off to save power
Manual: GB, IT - on request: DE, ES, FR, PT.

| GIMA code | DOPPLERS AND INTERCHANGEABLE PROBES - LATEX FREE |
|---|---|
| 29490 | SONOTRAX LITE DOPPLER - without probe - with bag |
| 29491 | SONOTRAX BASIC DOPPLER - with display - without probe - with carrying bag |
| 29493 | SONOTRAX PRO II DOPPLER with backlighted display built-in audio recorder and rechargeable batteries with battery charger - without probe - with carrying bag |
| 29496 | 2MHz waterproof probe - gynaecology |
| 29497 | 3MHz waterproof probe - gynaecology |
| 29498 | 4MHz waterproof probe - vascular |
| 29499 | 8MHz waterproof probe - vascular |

# BABY SOUND GIMA DOPPLER



SOFTWARE TO SAVE DATA ON PC

**• 29506 BABY SOUND GIMA FOETAL DOPPLER with display and interchangeable 1MHz probe**
- portable and lightweight
- built-in speaker to hear fetal heartbeats
- numeric and trend curve display for FHR
- automatic power-off function
- backlight LCD display
- date, time, battery status display
- audible & visual FHR alarm
- 8-hour data storage
- audio-out interface
- fetal monitor DSP technology
- high-sensitivity probe
- 1 MHz or 2/2.5 working frequency
- store and recall FHR, up to 16 hours of FHR date storage
- recording function

It allows hearing regularly the heartbeat of a foetus since 20 weeks, and warns in case of serious problems of the fetus (can monitor FHR during 10-12 weeks not regularly). For home and hospital use. Supplied with gel bottle, 3 AA batteries and user manual.

**• 29507 2.0/2.5 MHz DOPPLER PROBE**
**• 29508 1 MHz FOETAL MONITOR PROBE**

The Fetal Doppler can be used as a portable Fetal Monitor if it works with 1MHz Fetal Monitor probe. It is suitable for long-term monitoring and will be more accurate than with the Doppler probe.

29508

**TECHNICAL SPECIFICATION**

| | | | | |
|---|---|---|---|---|
| Ultrasound working frequency: | | 1MHz ± 5% | | |
| Fetal heart rate: | range: | 50-210 bpm | | |
| | resolution: | 1 bpm | | |
| | accuracy: | ± 2 bpm | | |
| Alarm: | high limit: | 160 bpm | low limit: | 120 bpm |
| Ultrasound intensity: | | < 5 mm/cm$^2$ | | |
| Dimension: | 145x74x29 mm | | Weight: | 350 g |
| Power supply: | 3 AA Batteries | | | |

## SONOLINE "C" COLOUR SCREEN DOPPLER - FOETAL OR VASCULAR

**COLOUR SCREEN POCKET DOPPLER**
- portable and lightweight
- built-in speaker
- TFT-LCD, real-time display of FHR
- three working modes: real-time FHR, average FHR and manual calculation
- display of FHR, bar graph and heartbeat waveform, red alarm for abnormal FHR
- low power consumption, continuously work for more than 8 hours with two "AA" batteries
- indication for probe-off and low battery
- range of probes for foetal or vascular use: 2, 3, 4, 8 MHz probe

Suitable for use after the 12th week of pregnancy

**TECHNICAL SPECIFICATIONS**

| | | |
|---|---|---|
| Ultrasound working frequency: | | 2 MHz ± 10% |
| Fetal heart rate: | range: | 50-240 bpm |
| | resolution: | 1 bpm |
| | accuracy: | ± 2 bpm |
| Alarm: | high limit: | 160 bpm |
| | low limit: | 120 bpm |
| Ultrasound intensity: | < 5 mm/cm² | |
| Auto power off after 1 minute no signal | | |
| Dimension: | 135x92x29 mm | |
| Weight: | 245 g | |
| Power supply: | 2 AA Batteries LR6 - 1.5 V DC | |

| GIMA code | SONOLINE "C" COLOUR SCREEN DOPPLER |
|---|---|
| **29480** | SONOLINE "C"Colour screen doppler - without probe |
| **29481** | 2 MHz waterproof probe - gynaecology |
| **29482** | 3 MHz waterproof probe - gynaecology |
| **29483** | 4 MHz waterproof probe - vascular |
| **29484** | 8 MHz waterproof probe - vascular |

## LATEX PROBE COVERS

- **29510 LATEX PROBE COVERS - transparent - bag of 100 pcs - bulk**
- **29513 LATEX PROBE COVERS - transparent - box of 50**
- **29514 LATEX PROBE COVERS - transparent - box of 500**

Probes for ecography and doppler. Length 17 cm, Ø 3.3 cm Individually packed in single plastic bag, except 29510.

## AMNIOCENTESIS NEEDLES

For transabdominal sampling of amniotic fluid (usually between 15th and 18th pregnancy well) for prenatal diagnosis of genetic disorders of the foetus. It is also used for cytogenetic and biochemical studies. Accurate sharpening of the needle allows an easy and atraumatic insertion. Its mandrel is provided with an ultrasound detectable tip allowing an echo-guided insertion, and it is colour coded for an easy identification of the needle size. The needle is provided with an adjustable stopper to determine insertion depth, and with a female luer lock connector to collect the amniotic fluid through a syringe. Made in Italy.

| GIMA code | AMNIOCENTESIS NEEDLES - STERILE - box of 25 |
|---|---|
| **29636** | Needle 20 G x 100 mm |
| **29637** | Needle 20 G x 120 mm |
| **29638** | Needle 20 G x 150 mm |
| **29639** | Needle 20 G x 180 mm |
| **29640** | Needle 21 G x 120 mm |
| **29641** | Needle 21 G x 150 mm |

0476

## OBSTETRIC STETHOSCOPES

- **32501 SHORT OBSTETRIC STETHOSCOPE - beech-wood**
- **32502 LONG OBSTETRIC STETHOSCOPE - beech-wood**

These stethoscopes are hand-craft manufactured, made in beech-wood accurately selected and seasoned for at least 3 years. They have a perfect finish with a special transparent varnish. Packed in single box. Made in Germany.

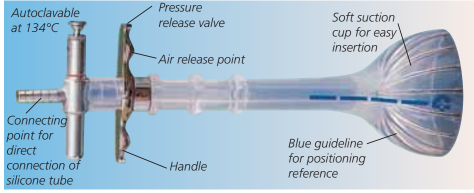
- **32505 PINARD STETHOSCOPE - aluminium**

## SUCTION CUPS

- **29980 SILICONE SUCTION CUP - Ø 60x210 mm**
- **29981 SILICONE SUCTION CUP - Ø 70x210 mm**

0434

Made in medical grade silicone.
Compatible with Gima aspirators, preferably over 20 l/min.
Pressure to be adjusted by professional.


Autoclavable at 134°C
Pressure release valve
Air release point
Soft suction cup for easy insertion
Connecting point for direct connection of silicone tube
Handle
Blue guideline for positioning reference

## SCHULTZE SALPINGOGRAPH

- **29780 SALPINGOGRAPH**

Instrument for hystero-salpingography and tubal insufflation, Prof. Gunter K. F. Schultze from Berlin type. Made in Germany.

- **29782 WATCH FOR SALPINGOGRAPH**
- **29785 HYSTERO SYRINGE - 20 cc - LUER LOCK - spare**

0124

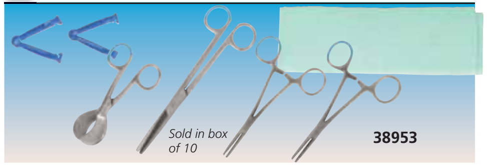
Riester

**HYSTEROSALPINGOGRAPH: STANDARD ACCESSORIES**

| | |
|---|---|
| Watch for hystero | Hystero syringe 20 cc Luer Lock |
| Rack-bar | 3 interchangeable cones (small-medium-large) |

*Instrument can also be read in the dark thanks to the luminescent substance used on the scale*

## DELIVERY SETS



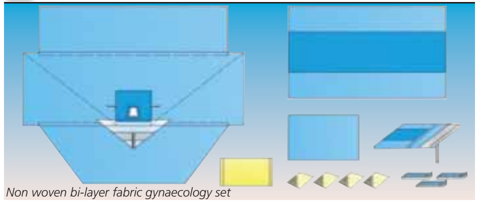
- **38953 DELIVERY PACK - sterile - 7 pcs**

| | |
|---|---|
| *Umbilical scissors - 10.5 cm - US model* | *2x Spencer Wells artery forceps - straight - 13 cm* |
| *Mayo gynaecological scissors - straight - 17 cm* | *2x Umbilical cord clamps. Super crepe sheet* |

- **26966 MINOR DELIVERY SET - 25 pcs**

| | |
|---|---|
| *Kidney Dish 20 cm (8") - medium* | *Dissecting forceps toothed 1x2 - 14 cm* |
| *Kidney Dish 25 cm (10") - large* | *2 operating scissors sharp/blunt - straight - 15 cm* |
| *Gallipot 150 ml - 6 oz - medium* | *2 operating scissors sharp/blunt - curved - 15 cm* |
| *Brown Sadler episiotomy scissors - 14 cm* | *2 rampley sponge holding forceps - str. - 24 cm* |
| *Kocher artery forceps straight - 16 cm* | *Museux Vulsellum forceps 8 mm - str. 24 cm* |
| *Kocher artery forceps straight - 18 cm* | *3 Cusco vaginal specula - small, medium, large* |
| *Kocher artery forceps curved - 16 cm* | *3 Sims vaginal specula - small, medium, large* |
| *English TOE dissecting forceps plain - 14 cm* | *Umbilical scissors USA Patent - 10.5 cm* |
| *English TOE dissecting forceps plain - 18 cm* | *Instrument tray with lid 45x30x6.2 cm* |

## GYNAECOLOGY SET - STERILE



*Non woven bi-layer fabric gynaecology set*

- **23641 GYNAECOLOGY SET - sterile - box of 8**

*1 table cover 150x200 cm with central absorbent band*
*1 Mayo stand cover 80x145 cm*
*1 gynaecology drape for lithotomy position 290x240 cm with adhesive hole, built-in leggings, bag for liquid collection with filter and drain valve*
*1 drape 75x90 cm*
*1 incision film 35x50 cm*
*3 adhesive strips 10x50 cm*
*4 towels 35x40 cm*

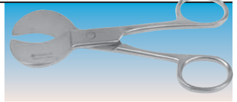
- **23644 SET FOR CESAREAN SECTION - sterile - box of 8**

*1 table cover 150x200 cm with central absorbent band*
*1 Mayo stand cover 80x145 cm*
*1 drape for caesarean section 260x200x310 cm with incision film and bag for liquid collection*
*1 drape "baby blanket" 75x90 cm*
*See picture at page 28*

## S/S UMBILICAL SCISSORS

- **38835 UMBILICAL SCISSORS**

*Straight - 10.5 cm - US model - box of 25*



- **26827 S/S UMBILICAL SCISSORS**

*Straight - 10.5 cm - US model*

## UMBILICAL CLAMP

*Extra safe clamp avoid accidental re-opening. Can be re-opened only by cutting back side*

- **29942 X-SAFE UMBILICAL CORD CLAMP - sterile - box of 500**

Disposable umbilical cord clamp to allow a proper clamping of all umbilical cords and prevent their outcoming from the closing comb. Individually packed in coupled cellophane (nylon/polyethylene) and medical paper to ensure safe hygienic conditions to user. Sterilized by ethylene oxide. Made in Europe.

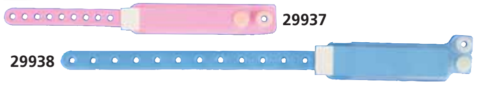
## MEMBRANE PERFORATOR

- **29945 AMNIOTIC MEMBRANE PERFORATOR - sterile - box of 600**

Disposable amniotic perforator. This system is thought to be completely safe to avoid lesions to the foetus. Supplied in single sterile envelope.

0373

## I.D. BRACELET



| GIMA code | I.D. BRACELET | Colour | Minimum order |
|---|---|---|---|
| **29936** | Newborn | light blue | box of 100 pcs. |
| **29937** | Newborn | pink | box of 100 pcs. |
| **29938** | Mother | light blue | box of 100 pcs. |
| **29939** | Mother | pink | box of 100 pcs. |

## CUPS FOR HYSTEROGRAPHY AND SIFT SCREW SYRINGE

29928
Syringe to inject radiopaque contrast material
0459
29923 Connector for suction tube
29921 Cup for hysterography

- **29920 CUPS FOR HYSTEROGRAPHY - 25 mm - sterile**
- **29921 CUPS FOR HYSTEROGRAPHY - 30 mm - sterile**
- **29922 CUPS FOR HYSTEROGRAPHY - 35 mm - sterile**
- **29923 CUPS CONNECTOR - sterile**

Rigid, transparent tapered cup with a central conical cannula. Equipped with a 25 cm long flexible, pliable manipulator joined to the cup and two tubes equipped with clamps. One of these provides the vacuum, while the other injects the radiopaque medium. Perfect adhesion to the cervix by self-centering is ensured by the tapered shape of the cup and the progressive application of a vacuum to the cup. The suction cup/cannula unit is radiotransparent and allows the proximal area of the endocervix to be controlled. The radiologist is able to manipulate at a distance from the radioactive field while at the same time comfortably immobilizing the uterus. Latex free.

- **29928 SIFT SCREWTHREAD SYRINGE FOR CUPS - sterile**

Contrast medium is injected by turning the position of the syringe which is equipped with a thread, to enable easy and regular injection of the contrast medium.
If cup is used on our sift syringe, connector is not needed.

# DISPOSABLE ANO/PROCTO/SIGMOIDOSCOPES

**• 25953 F.O. ILLUMINATION HEAD**
Perfectly fits and illuminates GIMA, HEINE, WELCH ALLYN, GPS disposable anoscopes, rectoscopes, proctoscopes. It can be connected to a light source by a F.O. cable or to a LED illumination system. See at page 195.

**• 25947 DISPOSABLE ANOSCOPE - sterile - box of 60**
Length 10 cm, with stylet diameter 15 mm, suitable for treatment of haemorrhoids. Atoxic, phthalate and latex free.

**• 25949 DISPOSABLE RECTOSCOPE - sterile - box of 50**
Length 25 cm, with stylet diameter 15 mm, graduated external scale in cm. Internal black tube allows accurate lighting. Atoxic, phthalate and latex free.

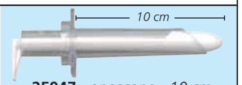
Disposable proctoscope see at page 152.

**HEINE UNISPEC DISPOSABLE TUBES**

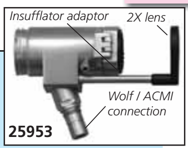
**• 25944 HEINE UNISPEC DISPOSABLE ANOSCOPE 85x20 mm**
**E-003.19.911 - box of 25**

**• 25945 HEINE UNISPEC DISPOSABLE PROCTOSCOPE 130x20 mm**
**E-003.19.811 - box of 25**

**• 25946 HEINE UNISPEC DISPOSABLE SIGMOIDOSCOPE 250x20 mm**
**E-003.18.811 box of 25**

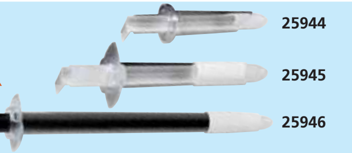


**25947** - *anoscope - 10 cm*



*The disposable anoscope and rectoscope are sold in a paper and polyethylene envelope sterilized in ethylene oxide. Made in transparent, atoxic, dust resistant plastic. Latex and phthalate free.*

**25949** - *rectoscope - 25 cm*



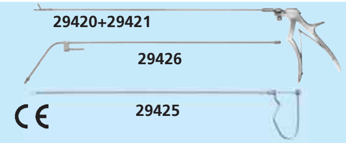
# ILLUMINATION OF F.O. ANO/PROCTO/SIGMOIDOSCOPES

**• 30799 ILLUMINATED HANDLE 6.0 VOLT** **• 30800 HALOGEN BULB - spare for 30799**
Placed between the instrument and F.O. cable. Indipendent light source for F.O. instruments. Direct connection to all F.O. instruments.

**• 30801 GIMA LIGHT SOURCE - see page 195**
*To connect anoscopes/rectoscopes/sigmoidoscope to Gima light source (30801) you need: F.O. cable (30818-30826), adaptor (30830) to connect cable to light source, 2 adaptors (30840, 30844) to connect sigmoidoscope to F.O. cable.*

# F.O. ANOSCOPES, PROCTOSCOPES

| GIMA code | F.O. ANOSCOPES - PROCTOSCOPES | ADAPTOR included |
|---|---|---|
| **29400** | F.O. Anoscope Ø15x70 mm - with obturator | Wolf/Acmi/Storz |
| **29401** | F.O. Anoscope Ø20x70 mm - with obturator | Wolf/Acmi/Storz |
| **29402** | F.O. Anoscope Ø25x70 mm - with obturator | Wolf/Acmi/Storz |
| **29403** | Set of 3 F.O. anoscopes in a case | Wolf/Acmi/Storz |
| **29405** | F.O. Proctoscope Ø 20x130 mm - with obturator with 2.0X | Wolf/Acmi/Storz |
| **30840** | ENDO STORZ ADAPTOR - to connect with Gima F.O. cable | |



# F.O. SIGMOIDOSCOPES

| GIMA code | F.O. SIGMOIDOSCOPES WITH 1.5X MAGNIFICATION SWIVEL LENS | ADAPTOR included |
|---|---|---|
| **29410** | F.O. Sigmoidoscope - 12x200 mm | Wolf/Acmi/Storz |
| **29411** | F.O. Sigmoidoscope - 16x250 mm | Wolf/Acmi/Storz |
| **29412** | F.O. Sigmoidoscope - 21x200 mm | Wolf/Acmi/Storz |
| **29413** | F.O. Sigmoidoscope - 21x250 mm | Wolf/Acmi/Storz |
| **29414** | F.O. Sigmoidoscope - 21x300 mm | Wolf/Acmi/Storz |
| **30840** | ENDO STORZ ADAPTOR - to connect with Gima F.O. cable | |

| GIMA code | S/S ACCESSORIES FOR F.O. ANOSCOPES, PROCTOSCOPES, SIGMOIDOSCOPES |
|---|---|
| **29420** | Handle for Biopsy forceps |
| **29421** | Biopsy forceps 3.5x8 mm Cup Jaws - 420 mm |
| **29422** | Biopsy forceps 4 mm - Cutting Jaws - 420 mm |
| **29425** | Sponge Holding forceps - 400 mm |
| **29426** | Suction Tube - 400 mm |
| **29427** | Twin Bellow Insufflator |

# AMNIOSCOPE: TUBES AND SET

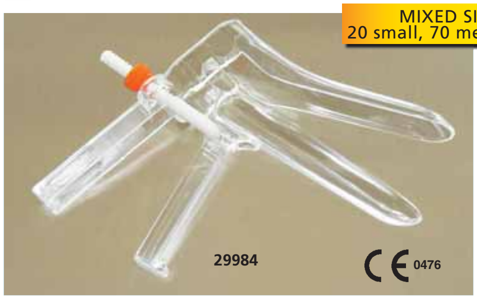
**• 29970 AMNIOSCOPE SET includes 29971/2/3/5 and 30840**
Set of three amnioscope tubes with shutter 200 mm length, 12, 16 and 20 mm diameter, and a clamp for fibre optic light. All tubes are graduated in centimetres, have a rounded end and are sterilizable by any method. Supplied in a cordura bag (27129). To light amnioscope set you can use GIMA 150 light source (code 30801), adapter (code 30830), F.O. cable (code 30818). Single tube needs adapter for clamp (code 30840) and clamp (29975).

**• 29971 AMNIOSCOPE TUBE 12x24x200 mm**
**• 29972 AMNIOSCOPE TUBE 16x24x200 mm**
**• 29973 AMNIOSCOPE TUBE 20x24x200 mm**
**• 29975 ANGLED CLAMP FOR LIGHT CONNECTION**

*To light amnioscope tubes you can use GIMA light source and Fibre Optic cables see page 195.*

# DISPOSABLE STERILE VAGINAL SPECULUM

MIXED SIZES BOX:
20 small, 70 medium, 10 large



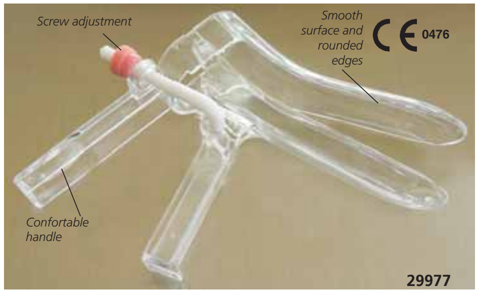
**SIDE SCREW SPECULUM - with gradual adjustment - sterile**
Disposable sterile speculum with gradual screw-action adjustment. Available in 3 sizes.
Made in China.

| GIMA code | SIDE SCREW VAGINAL SPECULUM - STERILE | Minimum order |
|---|---|---|
| **29983** | SIDE SCREW speculum - small Ø 20 mm | box of 100 |
| **29984** | SIDE SCREW speculum - medium Ø 28 mm | box of 100 |
| **29985** | SIDE SCREW speculum - large Ø 33 mm | box of 100 |
| **29986** | SIDE SCREW speculum - mixed* sizes | box of 100 |

**mixed box includes 20 small, 70 medium, 10 large vaginal speculum*

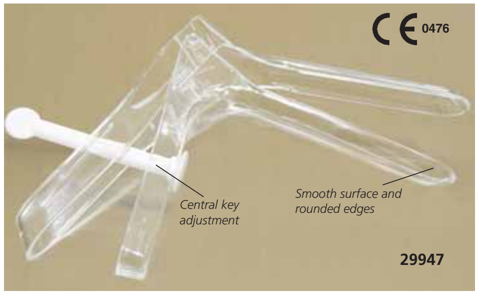
**CENTRAL PIN, MIDDLE SCREW, TACHE SPECULUM**
Three different models of disposable sterile speculum.
Sold in mixed box containing 3 sizes: small, medium, large.
Made in China.

| GIMA code | CENTRAL PIN / MIDDLE SCREW / TACHE STERILE | Minimum order |
|---|---|---|
| **29991** | CENTRAL PIN Speculum - mixed* sizes | box of 100 |
| **29995** | MIDDLE SCREW Speculum - mixed* sizes | box of 100 |
| **29987** | TACHE Speculum - mixed* sizes | box of 100 |



**CUSCO SPECULUM - with gradual adjustment - sterile**
Disposable speculum with gradual screw-action adjustment. It is manufactured with the best non-toxic transparent material, comes in a single transparent vacuum pack and is sterilized with ethylene oxide. Sterilization is guaranteed by the special quality control label on each pack. Available 3 sizes distinguishable through screw colour. Made in Europe.

| GIMA code | CUSCO VAGINAL SPECULUM - STERILE | Minimum order |
|---|---|---|
| **29976** | CUSCO Speculum - small 85 x 20 mm | box of 120 |
| **29977** | CUSCO Speculum - medium 90 x 28 mm | box of 120 |
| **29978** | CUSCO Speculum - large 100 x 36 mm | box of 108 |



**PERNO SPECULUM - with central key adjustment**
For dilation of the vaginal canal to expose the uterus neck. It allows the adjustment of the vaginal opening by positioning the blades and locking the central key. The smooth surface and rounded edges aid a comfortable introduction. The central key can be bent down for an easier introduction of cumbersome instruments. Available 3 sizes distinguishable through key colour. Made in Europe.

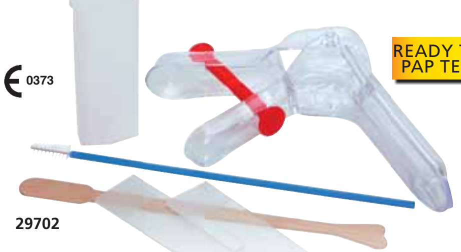
| GIMA code | PERNO VAGINAL SPECULUM - STERILE | Minimum order |
|---|---|---|
| **29946** | PERNO Speculum - small Ø 20 mm | box of 120 |
| **29947** | PERNO Speculum - medium Ø 26 mm | box of 120 |
| **29948** | PERNO Speculum - large Ø 30 mm | box of 120 |

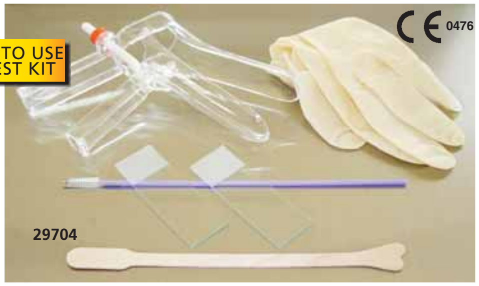
# STAINLESS STEEL VAGINAL SPECULUM - CUSCO AND COLLIN

| GIMA code | STAINLESS STEEL SPECULUM |
|---|---|
| **29770** | Cusco stainless steel speculum - small 75x32 mm |
| **29771** | Cusco stainless steel speculum - medium 85x35 mm |
| **29772** | Cusco stainless steel speculum - large 100x37 mm |
| **29773** | Cusco stainless steel speculum - virgin 75x17 mm |
| **29763** | HF Cusco stainless steel speculum - medium with insulation for HF applications and suction connector |
| **29768** | Collin stainless steel speculum - medium 100x35 mm |

## STERILE PAP TEST KITS

CE 0373



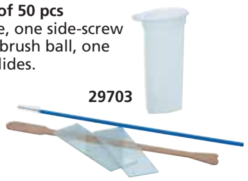


- **29702 PAP TEST KIT - sterile - box of 100 pcs.**

Pap-Test is a painless examination to detect the presence of any anomalous cells on the cervix.
It allows an early diagnosis of uterus neck cancer.
The functional configuration of the kit allows a ready to go operation.
The kit includes: two latex gloves, one perno speculum (medium size), one brush, one Ayre spatula (wooden), two slides and one box for them. Individually packed in sterile pouch.

- **29704 PAP TEST KIT - sterile - box of 50 pcs**

The kit includes: one pair latex glove, one side-screw speculum (medium size), one GIMA brush ball, one Ayre spatula A size (wooden), two slides.
Individually packed in sterile pouch.



- **29703 PAP TEST KIT - sterile - box of 100 pcs**

Same as 29702 but without speculum.

## LUBRIGIMA: LUBRICANT GEL

- **29960 LUBRIGIMA - 250 ml**

Facilitates instruments insertion during gyn. examinations.
Its special composition and high transparency do not alter the visual image when optical instruments are used. It does not contain spermicides and does not grease or stain.
It has acid Ph and good electrical conductivity.
Water soluble.
Well absorbed by the skin, does not irritate the mucosa.
LATEX FREE.

## KLY LUBRICATING GEL

- **29957 KLY LUBRICATING GEL**

sachet 5 g - box of 100

- **29959 KLY LUBRICATING GEL**

tube 82 g - 1 tube

- **29958 KLY LUBRICATING GEL**

tube 42 g - **sterile and paraben-free** - 1 tube

Hypoallergenic lubricating gel, does not irritate skin, dissolves in water and is easily cleaned. It does not contain oil or oily substances. It has no toxic effects or odour. It is used in endoscopy, gastroscopy, colonscopy and rectoscopy.

*Each 100 g contains 14 g of glycerine and preservatives*

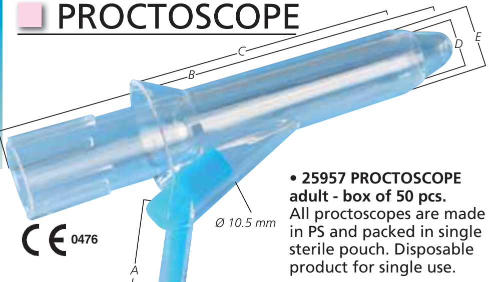
*Multilanguage box and manual (29958-9 only): GB, FR, IT, DE, PT, GR, TR, Arabic*

## TRAVEL ENEMA

- **28720 TRAVEL ENEMA - 2 l capacity**

Supplied in cardboard box with 2 cannulas (vaginal, anal), tap with opening lever, tube and carrying bag.
Multilanguage box: GB, FR, IT, ES.

## PROCTOSCOPE



- **25957 PROCTOSCOPE adult - box of 50 pcs.**

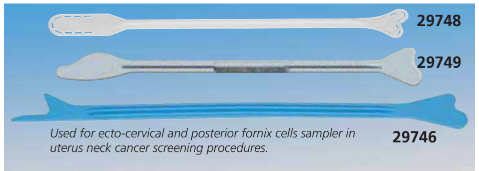
All proctoscopes are made in PS and packed in single sterile pouch. Disposable product for single use.

| mm | A | B | C | D | E |
|---|---|---|---|---|---|
| 25957 | 110.5 | 155 | 95 | 17.8 | 22 |

## AYRE SPATULA - BIRCH WOOD

| GIMA code | AYRE SPATULA - WOOD | Length | Minimum order |
|---|---|---|---|
| **29743** | Ayre Spatula A<br>*5 box of 100 pcs = of 500 pcs* | 18 cm | 500 pcs. |
| **29745** | Sterile Ayre Spatula A<br>*Individually packed in sterile pouch, in box of 100* | 18 cm | 100 pcs. |

## AYRE SPATULA - PLASTIC



*Used for ecto-cervical and posterior fornix cells sampler in uterus neck cancer screening procedures.*

| GIMA code | AYRE SPATULA - PLASTIC | Material | Length | Minimum order |
|---|---|---|---|---|
| **29746** | Ayre Spatula<br>*Packed in plastic bags of 25 pcs., in carton of 400 pcs.* | PP | 22 cm | 400 pcs. |
| **29748** | Sterile Ayre Spatula A<br>*Individually packed in sterile pouch, in box of 100* | PP | 18.8 cm | 100 pcs. |
| **29749** | Sterile Ayre Spatula B<br>*Individually packed in sterile pouch, in box of 100* | PP | 18.8 cm | 100 pcs. |

## GIMA BRUSH - MADE IN ITALY

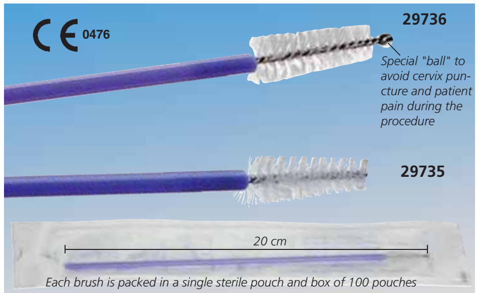
- **29739 GIMA BRUSH - conical - bag of 25 pcs.**
- **29740 GIMA BRUSH - conical - box of 400 pcs.**

These single-use endocervical brushes are an efficient method of collecting vulval, endocervical and nasal surface samples for cytological/microbiological examinations. Non sterile. Packed in plastic bags of 25 units, in carton of 400 units.

- **29742 GIMA BRUSH - conical - STERILE - box of 500 pcs**

As code 29740, individually packed in sterile plastic bag.
Both codes are made in Italy.

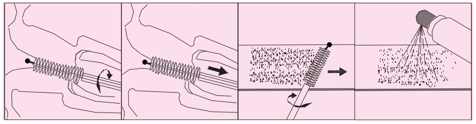
## GIMA BRUSH - STERILE


CE 0476
29736
Special "ball" to avoid cervix puncture and patient pain during the procedure
29735
20 cm

*Each brush is packed in a single sterile pouch and box of 100 pouches*

- **29735 GIMA BRUSH B - sterile - box of 100 pcs.**
- **29736 GIMA BRUSH BALL - sterile - box of 100 pcs.**

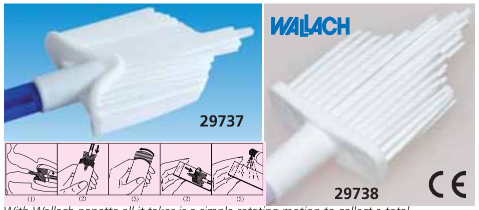
Each brush is packed in a single sterile pouch and box of 100 pouches.



## COTTON SWABS

| GIMA code | COTTON SWABS | Shaft Material | Cotton Ø | Shaft length | Minimum order |
|---|---|---|---|---|---|
| **29750** | Cotton Swab<br>*Packed in plastic bags of 25 pcs., in carton of 400 pcs.* | Plastic | 1 cm | 20 cm | 400 pcs. |
| **29753** | Sterile Cotton Swab<br>*Packed in box of 100 pcs.* | Plastic | 0.5 cm | 15 cm | 100 pcs. |
| **29754** | Cotton Swab<br>*Packed in plastic bags of 100 pcs., in carton of 1000 pcs.* | Wood | 0.5 cm | 15 cm | 1,000 pcs. |
| **29756** | Cotton Swab<br>*Packed in plastic bags of 50 pcs., in carton of 500pcs.* | Wood | 1 cm | 15 cm | 500 pcs. |

## WALLACH PAPETTE, GIMA COLLECTOR



*With Wallach papette all it takes is a simple rotating motion to collect a total sampling endocervical and ectocervical cells, including the transformation area, with less trauma.*

| GIMA code | PAPETTES | Material | Shaft length | Minimum order |
|---|---|---|---|---|
| **29738** | Wallach papette<br>*Packed in bag of 100 pcs* | Plastic | 16 cm | 100 pcs. |
| **29737** | Sterile GIMA collector<br>*Packed in a single sterile pouch in box of 100 pouches* | Plastic | 19.5 cm | 100 pcs. |

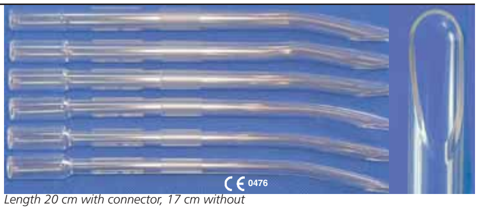
# "KARMAN" AND "BERKELEY" INTRAUTERINE SUCTION CURETTES

*Length 24 cm with connector, 20.5 cm without*

| GIMA code | "KARMAN" STYLE CURETTES FLEXIBLE - SINGLE USE - STERILE | Minimum order |
|---|---|---|
| **29858** | Karman Curette N° 4 - 4 mm x 24 cm | box of 20 |
| **29859** | Karman Curette N° 5 - 5 mm x 24 cm | box of 20 |
| **29860** | Karman Curette N° 6 - 6 mm x 24 cm | box of 20 |
| **29861** | Karman Curette N° 7 - 7 mm x 24 cm | box of 20 |
| **29862** | Karman Curette N° 8 - 8 mm x 24 cm | box of 20 |
| **29863** | Karman Curette N° 9 - 9 mm x 24 cm | box of 20 |
| **29864** | Karman Curette N° 10 - 10 mm x 24 cm | box of 20 |
| **29865** | Karman Curette N° 11 - 11 mm x 24 cm | box of 20 |
| **29866** | Karman Curette N° 12 - 12 mm x 24 cm | box of 20 |

- **29918 SUCTION SYRINGE - 60 ml - one-way self-blocking valve**

Syringe with adaptor for use with Karman and Berkeley curettes.

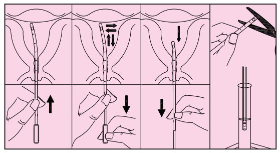


*Length 20 cm with connector, 17 cm without*

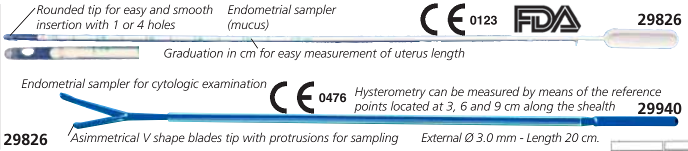
| GIMA code | "BERKELEY" STYLE CURETTES CURVED - RIGID - SINGLE USE - STERILE | Minimum order |
|---|---|---|
| **29870** | Berkeley Curette N° 7 - Ø 7 mm x 20 cm | box of 20 |
| **29871** | Berkeley Curette N° 8 - Ø 8 mm x 20 cm | box of 20 |
| **29872** | Berkeley Curette N° 9 - Ø 9 mm x 20 cm | box of 20 |
| **29873** | Berkeley Curette N° 10 - Ø 10 mm x 20 cm | box of 20 |
| **29874** | Berkeley Curette N° 11 - Ø 11 mm x 20 cm | box of 20 |
| **29875** | Berkeley Curette N° 12 - Ø 12 mm x 20 cm | box of 20 |

*Single use and sterile, 60 ml capacity.*

# CANNULAS FOR ENDOMETRIAL SAMPLING



**29826**



*Rounded tip for easy and smooth insertion with 1 or 4 holes*

*Endometrial sampler (mucus)*

*Graduation in cm for easy measurement of uterus length*

*Endometrial sampler for cytologic examination*

*Hysterometry can be measured by means of the reference points located at 3, 6 and 9 cm along the shealth*

*Asimmetrical V shape blades tip with protrusions for sampling*

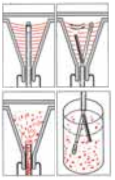
*External Ø 3.0 mm - Length 20 cm.*

- **29826 PIPELLA 1 hole - disposable, sterile - box of 100**
- **29827 PIPELLA 4 holes - disposable, sterile - box of 100**

For endometrial cytologic sampling.
It allows a painless and easy routine screening of the endometrium avoiding dilation and traction of the uterus neck.
Hole: Ø 2.0-2.5 mm
External diameter: 3.1 mm
Length of cannula: 23.5 cm
Length of handle: 26.5 cm

- **29940 ENDOGYN - disposable, sterile - box of 25**

For cytologic endometrial sampling. It allows a painless and easy routine screening of the endometrium avoiding dilation and traction of the uterus neck. An outer sheath covers a mandrel with asymmetrical "V" shaped blades on the top. Each arm features fine toothings and thin cutting edges which are able to remove and keep more endometrial tissue. The head of one of the two arms features a hemispherical head which, when it goes back inside the sheath, allows for previously removed tissue to be aspirated.



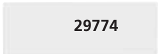
**29940**

# FLEXIBLE HYSTEROMETERS - SINGLE USE - STERILE

| With slider | Without slider | HYSTEROMETER SINGLE USE - STERILE - LATEX FREE | Minimum order |
|---|---|---|---|
| **29930** | **29933** | Hysterometer CH 10 - 29 cm | 25 pcs. |
| **29931** | **29934** | Hysterometer CH 12 - 29 cm | 25 pcs. |
| **29932** | **29935** | Hysterometer CH 14 - 29 cm | 25 pcs. |

# SPRAY FOR CITOLOGY FIXATION AND SLIDES

**29775**



| GIMA code | MICROSCOPE SLIDES<br>Size 76x26 mm, 1.0-1.2 mm thick 45° corners<br>minimum order: pack of 200 pcs. (4 boxes of 50 pcs.) |
|---|---|
| **29774** | Plain side, ground edges |
| **29775** | Single end frosted, sandblasted band, ground edges |
| **29777** | Twin frosted in both ends, ground edges, sandblasted band |

**29776**

- **29776 BOX FOR SLIDES**

Plastic, transparent box for storage of up to three slides.

- **29778 GIMAFIX SPRAY FOR CITOLOGY FIXATION**

Fixer for cytology. Composition: isopropanole, poly-ethylenglycole. It does not contain propellants deleterious for the ozone. 250 cc bottle.

**minimum order: 12 bottles**

**29778**

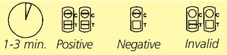
# PREGNANCY TESTS: MIDSTREAM AND STRIP TYPE

*Extra early detection 3 days before you miss your period*

*Shelf life 36 months*

*Large wipe reduce risk for false results*

GIMA offers a complete line of pregnancy tests, both for OTC market (self test) and for professional use in hospital or doctor's cabinets.
All products are packed in cardboard boxes with multilingual user manual (GB, IT, ES, FR, GR, PT).
Main features of pregnancy tests:
- each test is individually packed in sealed pouch
- very quick, in 3 minutes. Some positive can be detected in 1 min
- early detection: it can be used since the first day you miss your period (three days before for 29103)
- reliability: 99%
- sensitivity:
25 mIU/ml (29100, 29104, 29107, 29108) - 1 min
10 mIU/ml (29103) - 3 min
- Clinically tested



| GIMA code | PREGNANCY TESTS | Type | Package |
|---|---|---|---|
| **29103** | SELF TEST | midstream (large wipe) | box of 1 pc |
| **29104** | SELF TEST | midstream | box of 1 pc |
| **29107** | SELF TEST | midstream | box of 2 pcs |
| **29108** | PROFESSIONAL TEST | midstream | box of 25 pcs |
| **29100** | PROFESSIONAL TEST | strip 4 mm | box of 50 pcs |

PERSONALIZED BOX, MANUAL AND
APPROVAL CE 0197 FOR SELF TEST
minimum 3000 pcs.

# OVULATION AND FERTILITY TESTS

**OVULATION - FERTILITY TEST:**
Easy to use test for professional use or OTC self test market. Early detection test, 99,9% accurate and clinically tested. Sensitivity: 40 mIU/ml.
All products are packed in cardboard boxes with multilingual user manual (GB, IT, ES, FR, GR, PT).

| GIMA code | OVULATION TESTS | Type | Package |
|---|---|---|---|
| **29112** | SELF TEST | midstream | box of 5 pcs |
| **29114** | SELF TEST | strip 4 mm | box of 6 pcs |
| **29113** | PROFESSIONAL TEST | strip 4 mm | box of 50 pcs |

- **29131 DISPLAY - English - empty**
- **29130 DISPLAY - Italian - empty**

Display is suitable for all "gynaecology" self tests.

# PREGNANCY DISC

YOUR LOGO HERE
minimum 1,000 pcs.

- **29099 PREGNANCY DISC**

Forecasts the forthcoming date of birth. Used by obstetrician and practitioners. Useful for assessment of drug administration.
2 rotating discs riveted in the center: 108 mm diameter (base), 76 mm diameter (top).
Can be personalized with your logo for minimum 1,000 pcs.

SEE BASAL THERMOMETER FOR FERTILITY CONTROL - PAGE 78

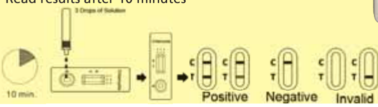
**WARNING: SHORT EXPIRY DATE FOR TESTS.** Tests have 24 months expiry at production time. Our stock may vary from 10 to 22 months.

# CHLAMYDIA RAPID TEST

**• 29117 CHLAMYDIA TEST - box of 20 tests**
Provide accurate results in 10 minutes, giving doctors immediate diagnosis.
High sensitivity and specificity.
Each box includes 20 tests, reagents, female cervical swabs, tubes, droppers, pipette and user manual. For professional use.

**Male/Female swab specimen**
- Add reagent A and B to specimen
- Add 3 drops of extracted specimen
- Read results after 10 minutes

**Male urine specimen**
- Add reagent B and A to specimen
- Add 3 drops of extracted specimen
- Read results after 10 minutes



CE 0123

# CANDIDA ALBICANS TEST

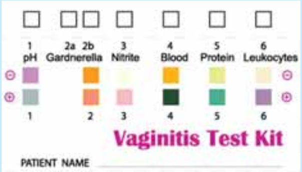
**• 29105 CANDIDA TEST - box of 20 tests**
Rapid, immunochromatographic test on vaginal smear.
Easy to perform, able to identify by specific antibodies the presence of Candida in only 10 to 20 minutes.
Validated by external studies, found to have a sensitivity of over 98% and specificity of over 94% when compared with reference methods for microbes identification (such as BD Affirm, USA). The reproducibility is at the highest level of rapid tests.
As Candida affects 50% of women at least once in their life and symptoms can be mistaken for those of Bacterial Vaginosis or other Vaginitis, the use of this test together with the vaginal pH test (see code 29110) allows discriminate between the two.
For professional use.

CE

# VAGINITIS TEST KIT

The test includes:
1 test + vaginal swab + fluid specimen (buffer solution) in single box + English/Italian manual

CE

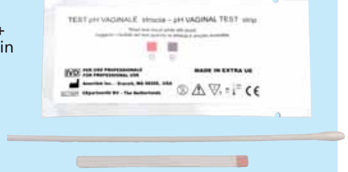


**• 29111 VAGINITIS TEST KIT**
A unique, easy-to-use and revolutionary test for gynecologists and operators. Finds the causes of the inflammation/vaginal infection in just 10 minutes. It replaces traditional bacterial tests that take days and costs only a tenth. When necessary dilute vaginal fluid specimen in a buffer solution and then transfer to reagent pad. The instruction manual contains a result guide and can be used to recognize: Trichomoniasis, negative gram bacteria, Gardnerella, Chlamydia, serious bacterial vaginitis. For professional use.

# VAGINAL PH TEST

The kit contains:
10 cotton swabs + 10 reagent strips in an individual box with user manual (English + Italian)

CE



**• 29110 VAGINAL PH TEST - box of 10 pcs.**
Quick test to determine vaginal PH.
An easy routine test to check vaginal PH in just 1 minute to make sure it is within the physiological limits (< 4.7).
An increase in the Ph level may indicate a change in the vaginal environment.
This could mean there is a possible vaginitis.
The test is ideal for pregnant women and for women with particular diseases such as diabetes.
For professional use.

# RUBBER AND SILICONE PESSARY FOR UTERINE PROLAPSE - LATEX FREE

CE 0476

RUBBER PESSARY

SILICONE PESSARY

BLUE SILICONE PESSARY

*Individually packed in cardboard box with English user manual*

| GIMA code | RUBBER PESSARY - autoclavable* |
|---|---|
| **29882** | Rubber Pessary Ø 55 mm |
| **29963** | Rubber Pessary Ø 60 mm |
| **29964** | Rubber Pessary Ø 65 mm |
| **29965** | Rubber Pessary Ø 70 mm |
| **29966** | Rubber Pessary Ø 75 mm |
| **29967** | Rubber Pessary Ø 80 mm |
| **29968** | Rubber Pessary Ø 85 mm |
| **29969** | Rubber Pessary Ø 90 mm |
| **29884** | Rubber Pessary Ø 95 mm |
| **SILICONE PESSARY - autoclavable*** | |
| **29892** | Silicone Pessary Ø 55 mm |
| **29893** | Silicone Pessary Ø 60 mm |
| **29894** | Silicone Pessary Ø 65 mm |
| **29895** | Silicone Pessary Ø 70 mm |
| **29896** | Silicone Pessary Ø 75 mm |
| **29897** | Silicone Pessary Ø 80 mm |
| **29898** | Silicone Pessary Ø 85 mm |
| **29899** | Silicone Pessary Ø 90 mm |
| **29900** | Silicone Pessary Ø 95 mm |
| **BLUE SILICONE PESSARY - autoclavable*** | |
| **29905** | Blue silicone Pessary Ø 70 mm |
| **29906** | Blue silicone Pessary Ø 75 mm |
| **29907** | Blue silicone Pessary Ø 80 mm |

**Autoclavable at 121°C/15 min or 134°C/10 min for up to 3 times*

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# DIATERMO MB 122 AND MB 160 MONO-BIPOLAR - 120 W - 160 W

CE 0051

30540

**• 30538 DIATERMO MB 122 VALUE* - mono-bipolar - 120 W**
**• 30540 DIATERMO MB 122 - mono-bipolar - 120 W**
**• 30541 DIATERMO MB 160 - mono-bipolar - 160 W**

MB 122 and 160 are HF electrosurgical units suitable to perform middle monopolar or bipolar electrosurgery.
By selection of the modes of operation they provide pure cut, coagulated cut, forced coagulation, soft coagulation and, with forceps, bipolar coagulation. The use of either split or normal neutral plate is allowed. MB 160 is recommended in case of damp operational fields, for instance mucous, with consequent need to have reserve of usable power. For these reasons, MB 160 is suggested for Gynecological and orthopedic surgery.
**Leading-Edge Technology.** This advanced concept device enables highly professional surgery intervention thanks to ergonomic and safety features derived from high power theatre apparatus.
**Complete safety.** Open Circuit (OC) Alarm warns the user that connection into the neutral plate has not been made or that the cable is disconnected or the neutral plate is not in contact with the patient. The alarm is signaled by an intermittent beep together with a flashing red light on the front panel. In this case HF emission for cut and coagulation operation is switched off.
**OVT Alarm.** The unit includes an internal circuit protection warning when the current delivery is exceeding.

**STANDARD ACCESSORIES**
MB single-use two button handle
MB operative foot-switch 30577 (usable as alternative to handle) (30540-1 only)
MB flat neutral plate with cable 30564 (30540-1 only) Power cable 2 m
Kit of 6 (MB 122) or 10 (MB 160) short autoclavable electrodes, diam. 2.4 mm
User manual: available in GB, ES, IT, FR, PL

**Does not include foot switch and MB flat neutral plate with cable*

**TECHNICAL SPECIFICATIONS**

| | MB122 | MB160 | Crest Factor |
|---|---|---|---|
| Minimum preselectable power | 0 | 0 | |
| Level step | 1 | 1 | |
| Maximum output power CUT (W) | 120 250Ω | 160 250Ω | 1.5 |
| Maximum output power BLEND (W) | 90 200Ω | 120 200Ω | 2.1 |
| Maximum output power COAG FORCED (W) | 80 150Ω | 100 150Ω | 2.0 |
| Maximum output power COAG SOFT (W) | 60 100Ω | 80 100Ω | 1.7 |
| Maximum output power BIPOLAR (W) | 40 100Ω | 60 100Ω | 1.5 |
| Working frequency | 600 kHz | 600 kHz | |
| Weight kg | 7 | 7 | |
| Size LxHxD mm | 260x110x265 | 260x110x265 | |
| Operating voltage (switchable) | 115 -230 | 115 -230 | |
| Mains frequency (Hz) | 50-60 | 50-60 | |
| Fuses 230Vac (5x20) TIMED | 2x 3.15A | 2x 3.15A | |
| Fuses 115Vac (5x20) TIMED | 2x 6.3A | 2x 6.3A | |
| Electrical input power (VA) | 300 | 350 | |
| Electrical input current (230 Vac) (A) | 1.3 | 1.5 | |
| Electrical input current (115 Vac) (A) | 2.6 | 3 | |
| Five steps adjustable sound level (from 55- to 75dBA) | • | • | |
| Self-check | • | • | |
| Power accuracy output warning | • | • | |
| Split or not split patient plate allowed | • | • | |
| Last working condition storing | • | • | |
| Electrical Class (EN60601 - 1) | I CF | I CF | |
| MDD 93/42/EEC Class | II b | II b | |
| Patient circuit | F | F | |

# MONOPOLAR ELECTROSURGERY UNIT - 50 W

CE 0051

**• 30516 DIATERMO 106 - 50W - monopolar**
This HF electrosurgery unit is particularly suitable for small operations and is recommended for dentistry, first aid and dermatology work. It offers precision of cut and immediate coagulation and give excellent results in a wide range of applications: from uterine coagulation to microcoagulation in dermatology. The modes of operation, CUT, COAG or BLEND, can be easily selected by a switch on the front panel. The complete isolation between patient and the unit and strict respect of international norms guarantee total safety.

**TECHNICAL SPECIFICATIONS**
Output power: CUT 50 W/400 ohm
COAG 40 W/400 ohm
BLEND 45 W/400 ohm
Working frequency: 600 kHz ±10%
Size: 180x180xh 100 mm Weight: 2.8 kg
Operating Voltage: 115/230 V - 50/60 Hz switchable
Electric input power: 90 VA Fuse: 2x1 AT
Alarm for overheating Footswitch operating
Norms: EN60601-1 Class I CF, EN60601-2-2 93/42/EEC (Class IIb)
Made in Italy Warranty: 12 months

**STANDARD ACCESSORIES**
KIRKY single-use handle without buttons
Standard foot-switch (30577)
Flat neutral plate with cable (30564)
Kit of 6 short autoclavable electrodes, Ø 2.4 mm, length 5 cm
Power cable 2 m - Schuko plug
User manual: available in GB, IT, ES, FR

# MONO-BIPOLAR ELECTROSURGICAL UNITS 80W, 120W, 160W

CASUALTY SURGERY
PEDIATRIC SURGERY*
PLASTIC SURGERY*
VASCULAR SURGERY
DERMATOLOGY
FIRST AID
OTORHINOLARYNGOLOGY
UROLOGY*
GYNAECOLOGY
VETERINARY
DENTISTRY**

*Diatermo MB160 only
**Diatermo MB120 only

- **30627 DIATERMO MB 80D - mono-bipolar - 80 W**
- **30628 DIATERMO MB 120D - mono-bipolar - 120 W**
- **30629 DIATERMO MB 160D - mono-bipolar - 160 W**

Diatermo MB are high frequency electrosurgical units suitable for minor and medium surgery.
MB allow pure CUT, cut-coagulation BLEND, superficial coagulation FORCED COAG, deep coagulation in absence of necrosis SOFT COAG and, with forceps, BIPOLAR coagulation.
The digital reading of delivered power and the monitoring of operative function by microcontroller guarantees absolute reliability of working conditions.
MB allow a highly professional surgery through ergonomic and safety features. The connection of neutral electrode is constantly monitored. Safety control of patient/plate contact using split neutral electrode.
Possibility to control the output functions and the delivery of output power by the handle, allows the surgical operation without diverting attention from the surgical field.
Features:
- minimum invasive surgery
- possibility to use bipolar forceps
- possibility to use split neutral electrodes
- memorization of the last used settings
- power activation by pedal and/or handle
- digital adjustment and indication of the output power
- adjustment of the acoustic indicator intensity.

CE 0051

**TECHNICAL SPECIFICATIONS**

| | MB 80D | MB 120D | MB 160D |
|---|---|---|---|
| Max output power CUT | 80 W-250 Ω | 120 W-250 Ω | 160 W-250 Ω |
| Max output power BLEND | 60 W-250 Ω | 90 W-200 Ω | 120 W-200 Ω |
| Max output power FORCED COAG | 50 W-150 Ω | 80 W-150 Ω | 100 W-150 Ω |
| Max output power SOFT COAG | 40 W-100 Ω | 60 W-100 Ω | 80 W-100 Ω |
| Max output power BIPOLAR | 30 W-100 Ω | 40 W-100 Ω | 60 W-100 Ω |
| Working frequency | 600 kHz | 600 kHz | 600 kHz |
| Patient circuit | F | F | F |
| Selectable input voltage | 115 - 230 Vac | 115 - 230 Vac | 115 - 230 Vac |
| Mains frequency | 50 - 60 Hz | 50 - 60 Hz | 50 - 60 Hz |
| Electrical input power | 230 VA | 300 VA | 350 VA |
| Size WxHxD mm | 254x104x288 | 254x104x288 | 254x104x288 |
| Weight | 5 kgs | 5 kgs | 5 kgs |

Controls: Patient/Plate circuit monitoring, Output power monitoring, Self check control
Safety: EN60601-1, EN60601-1-2, EN60601-2-2, Electrical Class: I CF, MDD 93/42/EC Class: II b

**STANDARD ACCESSORIES**

MB single use two button handle
Waterproof foot-switch 30577 (usable as alternative to handle)
MB flat neutral plate with cable (30564)
Kit of 10 short autoclavable electrodes, diam. 2.4 mm. Power cable: 2 m
User manual: GB, IT, available on request FR, ES, PL

# MONOPOLAR ELECTROSURGERY UNITS 50W AND 80W

DENTISTRY
DERMATOLOGY
OUT PATIENT SURGERY
FIRST AID
VETERINARY*
VASCULAR SURGERY*
*Diatermo 80 only

- **30625 DIATERMO 50 - monopolar**
- **30626 DIATERMO 80 - monopolar**

DIATERMO 50 and 80 are radiofrequency electrosurgical units suitable for minor monopolar surgery.
Diatermo 50 through the function selection makes pure cut, cut coagulation (CUT 1 - CUT 2) and pure coagulation possible.
Diatermo 80 has a multifunction selector which makes cutting (CUT), cut coagulation (BLEND), coagulation (COAG) and micro-coagulation (MICRO) possible. The one-board microcontroller and digital display guarantee high safety and reliability under any conditions. They offer outstanding professional surgical results due to their ergonomic and superior safety features.

CE 0051

**TECHNICAL SPECIFICATIONS**

| | 50 | 80 |
|---|---|---|
| Max output power CUT | 50 W-400 Ω | 80 W-400 Ω |
| Max output power CUT/COAG1 | 45 W-400 Ω | - |
| Max output power CUT/COAG2 | 40 W-400 Ω | - |
| Max output power BLEND | - | 60 W-400 Ω |
| Max output power COAG | 40 W-400 Ω | 50 W-400 Ω |
| Max output power MICRO | - | 20 W-600 Ω |
| Working frequency | 600 kHz | 700 kHz |
| Patient circuit | F | F |
| Selectable input voltage | 115 - 230 Vac | 115 - 230 Vac |
| Mains frequency | 50 - 60 Hz | 50 - 60 Hz |
| Electrical input power | 200 VA | 230 VA |
| Size WxHxD mm | 190x85x239 | 190x85x239 |
| Weight | 2.5 kg | 2.5 kg |

Controls: Patient/Plate circuit monitoring, Output power monitoring, Self check control
Safety: EN60601-1, EN60601-1-2, EN60601-2-2, Electrical Class: I CF, MDD 93/42/EC Class: II b

**STANDARD ACCESSORIES**

Single use handle
Waterproof foot-switch (30577)
MB flat neutral plate with cable (30564)
Kit of 6 short autoclavable electrodes, Ø 2.4 mm, length 5 cm (30501/2/4/7/9/10) see page 187
Power cable 2 m - Schuko plug
User manual: GB, IT, available on request FR, ES

# MONO-BIPOLAR ELECTROSURGICAL UNIT 200W

OUTPATIENT SURGERY
ENDOSCOPY
FIRST AID
GASTROENTEROLOGY
GENERAL SURGERY
GYNAECOLOGY
NEUROSURGERY
ORTHOPEDICS
OTORHINOLARYNGOLOGY
PEDIATRIC SURGERY
PLASTIC SURGERY
PNEUMOLOGY
UROLOGY
VASCULAR SURGERY
VETERINARY

- **30630 DIATERMO MB 200D - 200 W**

MB 200D is a high frequency electrosurgical equipment suitable for light and medium surgery, allows minimally invasive surgical procedure of resection, evaporation and coagulation.
MB 200D allows pure CUT, Cut-Coagulation BLEND, incision with reduced production of eschar ENHANCED, superficial coagulation FORCED COAG, deep coagulation in absence of necrosis SOFT COAG and BIPOLAR coagulation. Digital reading of delivered power and surveillance through microcontroller of the operational functions, assure absolute reliability of working conditions.
MB 200D allows a highly professional surgery through ergonomic and safety features. The connection of neutral electrode is constantly monitored. Safety control of patient/plate contact using split neutral electrode. Possibility to control the output functions and the delivery of output power by the handle, allows the surgical operation without diverting attention from the surgical field.
- patient-to-plate contact control
- split return electrode use
- minimally invasive surgical treatment allowed
- monopolar and Bipolar indipendent output
- auto Start/Stop in Bipolar Coag
- working condition planning
- power delivery by pedal and/or handle
- digital regulation and indication of the output power
- sound level control
- adjustable power increment

CE 0051

**STANDARD ACCESSORIES**

MB two-button autoclavable handle (30536)
Waterproof MB foot-switch (30577)
MB flat neutral metal plate with cable (30564)
Kit 10 short standard electrodes, diam. 2.4 mm
3 needle + 3 blade + 3 ball electrodes 7 cm
Power cable 5 m Manual: available in GB, IT

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Maximum output power CUT | 200W - 250Ω |
| Maximum output power ENHANCED | 120W - 250Ω |
| Maximum output power BLEND | 120W - 200Ω |
| Maximum output power FORCED COAG | 150W - 150Ω |
| Maximum output power SOFT COAG | 90W - 100Ω |
| Maximum output power BIPOLAR COAG | 80W - 50Ω |
| Working frequency | 600 kHz |
| Patient circuit | F |
| Mains voltage | 115-230 Vac |
| Mains frequency | 50-60 Hz |
| Electrical input power | 350 VA |
| Size WxHxD mm | 370x144x319 |
| Weight | 6 kgs |

Controls: Patient/Plate circuit monitoring, Output power monitoring, Self check control
Safety: EN60601-1, EN60601-1-2, EN60601-2-2, Electrical Class: I CF, MDD 93/42/EC Class: II b

# DIATERMO MB 200 - MONO-BIPOLAR - 200W

30542

**DIATERMO MB 200 - STANDARD ACCESSORIES**

MB two-button autoclavable handle (30536)
MB waterproof foot-switch 30577 (usable in alternative to handle)
MB flat neutral metal plate with cable (30564)
Kit 10 short standard electrodes, diam. 2.4 mm
Power cable 2 m Manual: available in GB, IT

CE 0051

- **30542 DIATERMO MB 200 - 200 W**

DIATERMO MB200 is a HF electrosurgical unit suitable to perform middle monopolar or bipolar electrosurgery. The available waveforms and peak voltage value, as well as the accurate HF leakage current operation for polypectomy, TURP, intrauterine resections, endometriosis excision, etc. The units allow the accurate preset of the output power with as low as 1 Watt resolution and to perform coagulation by high crest factor current, to get an elevated thermal effect, as well as with low voltage low crest factor current, to get coagulation in absence of carbonization. Ten different programs related to ten different operative conditions could be stored and easily recalled by the surgeon. The use of either split or normal neutral plates are allowed. A special electronic circuit (Skin Plate Electronic Control) continuously checks if the plate is safely connected to the patient and detects unwanted short circuit in the connecting cable. An over time warning (OVT) is provided to prevent excessive heating of the tissue around the surgical target due to too long current delivery time.

**TECHNICAL SPECIFICATIONS**

| | | | Crest factor |
|---|---|---|---|
| Maximum output power CUT (W) | 200 | 250Ω | 1.5 |
| Maximum output power CUT 90% (W) | 200 | 250Ω | 1.6 |
| Maximum output power CUT 80% (W) | 200 | 250Ω | 1.7 |
| Maximum output power CUT 70% (W) | 200 | 250Ω | 1.8 |
| Maximum output power BLEND (W) | 120 | 200Ω | 2.1 |
| Maximum output power COAG FORCED (W) | 150 | 150Ω | 2.0 |
| Maximum output power COAG SOFT (W) | 90 | 100Ω | 1.7 |
| Maximum output power BIPOLAR COAG (W) | 100 | 100Ω | 1.5 |
| Maximum output power BIPOLAR CUT (W) | 120 | 250Ω | 1.5 |
| Working frequency | 600 kHz | | |

| | |
|---|---|
| Weight kg | 8 |
| Size LxHxD mm | 360x150x265 |
| Selectable mains power(Vac) | 115 -230 |
| Mains frequency (Hz) | 50-60 |
| Fuses 115Vac - 230Vac (5x20) TIMED | 2x 6.3A - 2x 3.15A |
| Power accuracy output warning system | • |
| Split or not split patient plate allowed | • |
| Electrical Class (EN60601 - 1) | I CF |
| MDD 93/42/EEC Class | II b |
| Patient circuit | F |
| Duty cycle (action/pause) in seconds | 10/30 |

# MONOPOLAR AND BIPOLAR ELECTROSURGICAL UNITS 120W AND 200W

30631

OUTPATIENT SURGERY
DERMATOLOGY
VASCULAR SURGERY
GYNECOLOGY
DENTAL*
OTORHINOLARYNGOLOGY
PEDIATRIC SURGERY**
FIRST AID
PLASTIC SURGERY**
ENDOSCOPY
OPHTHALMOLOGY
NEUROSURGERY**
PODIATRY**
PNEUMOLOGY**
UROLOGY**
VETERINARY
GASTROENTEROLOGY
ORTHOPEDICS**

** Diatermo MB 120 only*
***Diatermo MB 200 only*

- **30631 DIATERMO MB 120 FLASH**
- **30633 DIATERMO MB 200 FLASH**

MB FLASH are a High Frequency ElectroSurgical equipment suitable for precision monopolar and bipolar surgery and micro-surgery without tissue alterations.

MB FLASH allow surgical treatments with programmable timer operations up to milliseconds or with traditional mode.

MB FLASH allow pure CUT, cut-coagulation BLEND, incision with reduced production of eschar ENHANCED, superficial coagulation FORCED COAG, deep coagulation in absence of necrosis SOFT COAG and BIPOLAR coagulation. Digital reading of delivered power and the surveillance through microcontroller of the operational functions, assure absolute reliability of the working conditions.

MB FLASH allow a highly professional surgery through ergonomic and safety features.

**TECHNICAL SPECIFICATIONS**

| | **MB 120F** | **MB 200F** |
|---|---|---|
| Max output power CUT | 120 W-250 Ω | 200 W-250 Ω |
| Max output power BLEND | 90 W-200 Ω | 120 W-200 Ω |
| Max output power ENHANCED | 90 W-250 Ω | 120 W-250 Ω |
| Max output power FORCED COAG | 80 W-150 Ω | 150 W-150 Ω |
| Max output power SOFT COAG | 60 W-100 Ω | 90 W-100 Ω |
| Max output power BIPOLAR COAG | 60 W-50 Ω | 80 W-50 Ω |
| Working frequency | 600 kHz | 600 kHz |
| RF power pulse emission time | 10ms - 30sec | 10ms - 30sec |
| RF power pulse interval | 1 - 9 | 1 - 9 |
| Patient circuit | F | F |
| Selectable input voltage | 115 - 230 Vac | 115 - 230 Vac |
| Mains frequency | 50 - 60 Hz | 50 - 60 Hz |
| Electrical input power | 300 VA | 350 VA |
| Size WxHxD mm | 370x144x319 | 370x144x319 |
| Weight | 6 kg | 6 kg |

Controls: Patient/Plate circuit monitoring, Output power monitoring, Self check control
Safety: EN60601-1, EN60601-1-2, EN60601-2-2, Electrical Class: I CF, MDD 93/42/EC Class: II b

Connection of neutral electrode is constantly monitored.
Safety of patient/plate contact using split neutral electrode. Possibility to control the output functions and the delivery of output power by handle, allows surgical operation without diverting attention from the surgical field.
Features:
- patient to plate contact control
- split return electrode use allowed
- minimally invasive surgical treatment allowed
- Monopolar and Bipolar independent output
- auto Start/Stop in Bipolar Coag
- working condition planning
- power delivery by pedal and/or handle
- digital regulation and indication of the output power
- sound level control
- adjustable power increment
- RF power pulse emission time setting
- RF power pulse interval setting

**STANDARD ACCESSORIES**

MB two-button autoclave handle (30536)
Waterproof MB footswitch (30577)
MB flat neutral plate with cable (30564)
2 disposable ground pads (30562)
Kit 10 short standard electrodes Ø 2.4 mm
3 needle + 3 blade + 3 ball electrodes 7 cm
Power cable 5m
Microsurgery handle (30552)
Microsurgery needles 10 pieces
Manual: GB, IT

CE 0051

30633

# ELECTRODEPILATOR

- **28340 ELECTRO-DEPILATOR 400**

This device ensures a definitive depilation with thermolitic method. It delivers a current of radiofrequency to cause the heating and consequent coagulation of the papilla, reached through the introduction of a needle into the follicle of the hair. Provided with highly reliable electronic integrated components, with RF intensity adjustable with continuity and luminous working signal.
It comes complete with footswitch, handpiece for depilation, depilation needle and power cable (2 m).

**TECHNICAL SPECIFICATIONS**

RF output frequency: 1.9 ±10% MHz
Modulation: sinusoidal
Maximum output power: 7 ±2Watt
Size: 260x265xh 110 mm Weight: 4 kg
Operating voltage: 115/230 V - 50/60 Hz switchable
Norms: CEI 62-39 Class: I-BF

- **30552 HANDPIECE FOR DEPILATION**
- **30577 FOOTSWITCH**

*Depilation or microsurgery needles see page 187*

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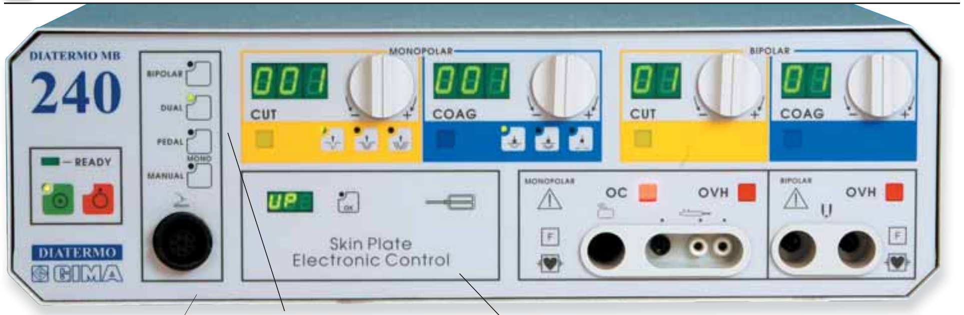
# HOSPITAL HF ELECTROSURGICAL UNITS 240 AND 380 WATT



30690

*CONTEMPORARY DUAL MODE MB 240 and 380 can be used in the same time in monopolar mode (by handle) and bipolar mode (by footswitch)*

*A special electronic circuit (Skin Plate Electronic Control) continuously warns the plate to patient contact safety and unwanted short circuit in the connecting cable*

- **30690 DIATERMO MB 240**
- **30692 DIATERMO MB 380**

CE 0051

These HF electrosurgical units can be used to execute monopolar and bipolar surgery when high precision and reliability are essential, as in the endoscopic surgery.

**EASY TO USE**
Graphic icons allow an easy selection of the operation mode. All operating conditions and selected output controls are represented by bright digital indications.

**CUT**
The monopolar cut can be performed by pure sine current to obtain an incision with a minimum damage for the adjacent tissues and sure recovery for first intention.
Two different modes of modulation allow to reduce bleeding during monopolar cut. In the bipolar mode the cut can be effected by pure sine current.

**HEMOSTASIS**
When the surgical action requires the obliteration of a blood vessel the availability of currents with different coagulative powers enables this type of work both with monopolar and bipolar surgery.

**FULGURATION**
When it is necessary to cause a superficial necrosis of wide areas, protecting the deeper tissues, a special coagulant current that dehydrates the superficial layer of the tissue and reduces the possibility to damage those beneath is available for the operation.

**OUTPUT CONTROL**
Output power levels are adjustable through incremental encoders that allow the exact pre-sets and repetition of the values. The output function is linearized and controlled by ultra-modern electronic micro-controllers which will interrupt power if any alarm condition happens.

**SAFETY OF USE**
Circuits dedicated to the safety of operator and patient are the priority. This ensure the leakage current is kept well under the international requirements values, whatever the output condition. Monopolar and bipolar output circuits are completely floating and the defibrillator is allowed while the reference plate patient is connected.

**RELIABILITY**
DIATERMO MB uses all solid state electronic circuits and is made with interchangeable units for a fast and effective maintenance. Automatic control circuits protect the units from damage also in case of repeated improper use.

30692

**TECHNICAL SPECIFICATIONS DIATERMO MB 240/DIATERMO MB 380**

**Activation devices**
Bipolar: footswitch
Dual: bipolar - footswitch
monopolar - manual
Monopolar: footswitch
manual
Mains: 115/230 Vac 50-60 Hz
Absorption: 800 VA
Class I CF
Weight: 15 kg
Size: 370x470xh 150 mm
Warranty: 12 months
(accessories not included)
Norms: IEC 601-2-2 - IEC 601-1
CE, 93/42/EEC

| | Working frequency | Max power 240/MB 380 | Peak to peak voltage | Load resistance |
|---|---|---|---|---|
| Monopolar output | 475 kHz | | | |
| Cut output | | 250W/375W | 1.4 kV | 300 Ohm |
| Cut/coag 1 output | | 225W/340W | 1.4 kV | 300 Ohm |
| Cut/coag 2 output | | 200W/300W | 1.4 kV | 300 Ohm |
| Coag 1 output | | 150W/225W | 1.4 kV | 300 Ohm |
| Coag 2 output | | 100W/150W | 1.4 kV | 300 Ohm |
| Coag 3 output (spray) | | 80W | 4.2 kV | 2000 Ohm |
| Bipolar output | 525 kHz | | | |
| Cut output | | 90W | 0.5 kV | 100 Ohm |
| Coag output | | 80W | 0.5 kV | 100 Ohm |

**STANDARD ACCESSORIES**

1 - Power supply cord SIEM-CEE 5 m
1 - Two-button autoclavable handle (30536)
5 - Two-button single use handle
1 - Cable for disposable plate
5 - Disposable plate
1 - Water proof double foot switch
3 - Short, general surgery blade electrode
3 - Long, general surgery blade electrode
3 - Short, general surgery needle electrode
3 - Short, general surgery ball electrode
1 - User manual (IT, GB, ES)
1 - Service manual (IT, GB)

# LAPAROSCOPIC ELECTRODES

30605

30606

30607

*Laparoscopic electrodes without suction for use with Diatermo MB 240/250/300/380/400 with connecting cable 4 mm (30609)*

30605

| GIMA code | LAPAROSCOPIC ELECTRODES |
|---|---|
| **30605** | L-Hook electrode - 36 cm |
| **30606** | J-Hook electrode - 36 cm |
| **30607** | Spatula electrode - 36 cm |
| **30609** | Monopolar cable - 4 mm - M - F |

*To generator*

# HIGH POWER ELECTROSURGICAL UNITS 300 AND 400 WATT

30635

0051

- **30634 DIATERMO MB 300D**
- **30635 DIATERMO MB 400D**

DIATERMO MB300D and MB400D are high frequency electrosurgical equipments suitable to deliver current for monopolar cut and coagulated cut (with different levels of coagulation), bipolar cut and coagulation.

**TWIN OPERATIVE ACTIVITY**

- two output channels for monopolar cutting
- two independent setting and output channels for the most frequent monopolar coagulation

**CONTROLLED CUTTING PROCEDURES**

- enhanced cutting current for eschar free incision
- cutting current with selectable coagulating property for bleeding controlled dissection
- low capacitive coupling by slow BLEND current for endoscopic procedures

**TWIN CONTROLLED COAGULATION PROCEDURES**

- SPEEDY coagulation and DEEP coagulation available to two operators
- SPRAY coagulation by hand switch or foot switch controls

**EXTENSIVE BIPOLAR FEATURES**

- bipolar cutting current with selectable bleeding control
- slow BLEND cutting current
- automatic Start/Stop coagulation functions

**SURGEON AND PATIENT TOTAL SAFETY**

- acceptability of contact impedance between patient body and return electrode continuously monitored by Skin Plate Electronic Control (SPEC)
- H.F. Leakage currents continuously monitored
- mains fluctuation automatically compensated before delivery of HF power

**PERSONALIZED PROCEDURES**

- independent choice of coagulation currents and power levels by each of two operators
- up to 10 procedures can be configured and re-called

**EXTENSION DRIVER AND INTERLOCK SIGNALS**

- driven output connection to external Argon Plasma unit and Smoke Evacuator unit

**AUTOMATIC SELF DIAGNOSIS**

- automatic diagnostic control of the complete functionality of electronic unit and connected accessories with coded report of failures

SUITABLE IN:
OUTPATIENT SURGERY
GENERAL SURGERY
PAEDIATRIC SURGERY
PLASTIC SURGERY
THORAX SURGERY
VASCULAR SURGERY
DERMATOLOGY
ENDOSCOPY
GASTROENTEROLOGY
GYNAECOLOGY
NEUROSURGERY
ORTHOPEDICS
OTORHINOLARINGOLOGY
PNEUMOLOGY
UROLOGY
VETERINARY

30634

**TECHNICAL SPECIFICATIONS MB300/MB400**

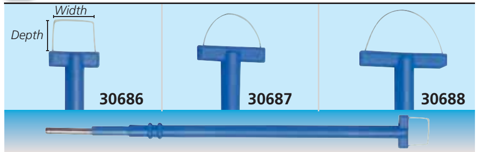
| | MB 300 | MB 400 |
|---|---|---|
| Maximum out power monopolar pure CUT | 300 W - 300 Ω | 400 W - 300 Ω |
| Maximum out power monopolar cut-coag CUT80% | 250 W - 300 Ω | 350 W - 300 Ω |
| Maximum out power monopolar cut-coag CUT60% | 200 W - 300 Ω | 250 W - 300 Ω |
| Maximum out power monopolar cut-coag CUT40% | 150 W - 300 Ω | 200 W - 300 Ω |
| Maximum out power monopolar cut ENHANCED | 200 W - 500 Ω | 250 W - 500 Ω |
| Maximum out power monopolar cut-coag BLEND | 200 W - 300 Ω | 250 W - 300 Ω |
| Maximum out power monopolar coag SPEEDY | 100 W - 500 Ω | 120 W - 500 Ω |
| Maximum out power monopolar coag DEEP | 100 W - 200 Ω | 120 W - 200 Ω |
| Maximum out power monopolar coag SPRAY | 70 W - 2000 Ω | 100 W - 2000 Ω |
| Maximum out power monopolar coag SPRAY ARGON | 70 W - 2000 Ω | 100 W - 2000 Ω |
| Maximum out power bipolar CUT | 95 W - 150 Ω | 95 W - 150 Ω |
| Maximum out power bipolar cut-coag CUT80% | 95 W - 150 Ω | 95 W - 150 Ω |
| Maximum out power bipolar cut-coag CUT60% | 95 W - 150 Ω | 95 W - 150 Ω |
| Maximum out power bipolar cut-coag CUT40% | 60 W - 150 Ω | 60 W - 150 Ω |
| Maximum out power bipolar cut-coag BLEND | 90 W - 150 Ω | 90 W - 150 Ω |
| Maximum out power bipolar cut-coag BLEND | 70 W - 100 Ω | 70 W - 100 Ω |
| Working frequency monopolar / bipolar | 425 kHz / 525 kHz | 425 kHz / 525 kHz |
| Patient circuit | F | F |
| Selectable input voltage | 115-230 Vac | 115-230 Vac |
| Mains frequency | 50-60 Hz | 50-60 Hz |
| Electrical input voltage | 1000 VA | 1000 VA |
| Size WxHxD mm | 470x150x400 | 470x150x400 |
| Weight | 17.5 Kgs | 17.5 Kgs |

Controls: Patient/Plate circuit monitoring, Output power monitoring, Self check control
Safety: EN60601-1, EN60601-1-2, EN60601-2-2, Electrical Class: I CF, MDD 93/42/EC Class: II b

**STANDARD ACCESSORIES**

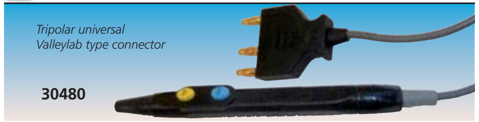
1 - Power supply cord 5 m
1 - Two-button autoclavable handle (30536)
5 - Two-button cold sterilizable handle (30551)
1 - Cable for flat plate (30559)
5 - Rem disposable ground pads (30493)
2 - HP double Water proof foot switch
3 - Short, general surgery blade electrode 7 cm
3 - Long, general surgery blade electrode 16 cm
3 - Short, general surgery ball electrode Ø 4 mm, 6 cm
1 - Electrode brush
1 - User manual (IT, GB)
1 - Service manual (IT, GB)

# LOOP ELECTRODES Ø 2.4 mm



| GIMA code | Reference number | LOOP ELECTRODES - Ø 2.4 mm autoclavable at 121° C | Shaft length | Electrode width | Electrode depth |
|---|---|---|---|---|---|
| **30686** | **50** | Square loop electrode | 13 cm | 10 mm | 8 mm |
| **30687** | **51** | Loop electrode | 13 cm | 15 mm | 8 mm |
| **30688** | **52** | Loop electrode | 13 cm | 20 mm | 10 mm |

# ELECTRODES AND HANDLE Ø 4 mm



- **30480 AUTOCLAVABLE MB HANDLE Ø 4 mm - 100 times**

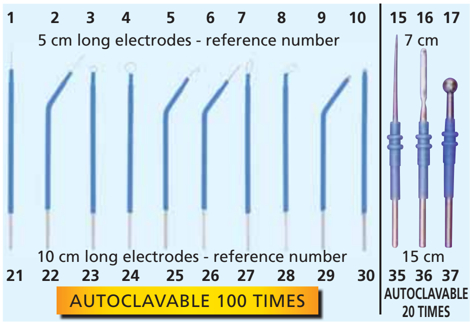
Autoclavable handle up to 100 times for Ø 4 mm shaft electrodes with 3 m silicone cable and blade electrode.

- **30482 NEEDLE ELECTRODE Ø 4 mm**
- **30483 BLADE ELECTRODE Ø 4 mm**
- **30484 BALL ELECTRODE Ø 4 mm**

S/S electrodes autoclavable 100 times. Sold in box of 5. Length 5.5 cm.

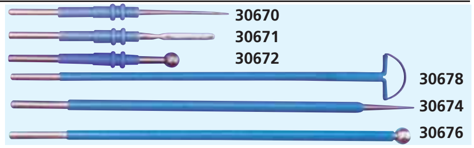
# AUTOCLAVABLE ELECTRODES Ø 2.4 mm

| GIMA code | Reference number | AUTOCLAVABLE ELECTRODES Ø 2.4 mm | Reference number | GIMA code |
|---|---|---|---|---|
| length 5 cm | | minimum order: 6 pcs. | length 10 cm | |
| **30501** | 1 | Electrode wire 0.2 - straight | 21 | **30521** |
| **30502** | 2 | Electrode wire 0.2 - angled 45° | 22 | **30522** |
| **30503** | 3 | Electrode bend - Ø 4 - straight | 23 | **30523** |
| **30504** | 4 | Electrode bend - Ø 8 - straight | 24 | **30524** |
| **30505** | 5 | Electrode hook - angled 45° | 25 | **30525** |
| **30506** | 6 | Electrode wire 1 mm.- angled 45° | 26 | **30526** |
| **30507** | 7 | Electrode straight slip-knot - straight | 27 | **30527** |
| **30508** | 8 | Electrode angled slip-knot - straight | 28 | **30528** |
| **30509** | 9 | Electrode ball point - Ø 3 mm - angled 45° | 29 | **30529** |
| **30510** | 10 | Electrode ball point - Ø 3 mm - straight | 30 | **30530** |
| **30500** | SET | Set of 10 electrodes | SET | **30531** |
| length 7 cm | | minimum order: 10 pcs. | length 15 cm | |
| **30511** | 15 | Needle electrode | 35 | **30532** |
| **30512** | 16 | Blade electrode | 36 | **30533** |
| **30513** | 17 | Ball electrode | 37 | **30534** |



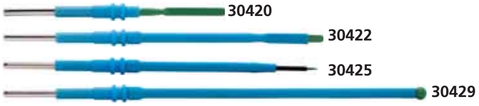
# SINGLE USE STERILE ELECTRODES Ø 2.4 mm

| GIMA code | Reference number | SINGLE USE ELECTRODES Ø 2.4 mm | Reference number | GIMA code |
|---|---|---|---|---|
| length 7 cm | | **Sterile electrode - box of 24** | length 15 cm | |
| **30670** | 13 | Needle electrode - sterile electrode | 33 | **30674** |
| **30671** | 11 | Blade electrode - sterile | 31 | **30675** |
| **30672** | 12 | Ball Ø 4 mm electrode - sterile | 32 | **30676** |
| | | **Sterile electrode - box of 10** | length 13 cm | |
| - | - | Loop electrode - 15 mm x8 mm | 34 | **30678** |

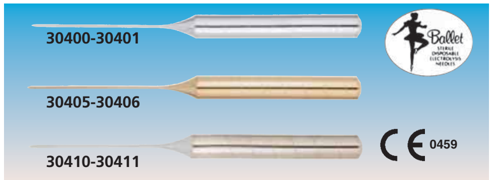


# NON-STICK SINGLE USE STERILE ELECTRODES Ø 2.4 mm

| GIMA code | NON-STICK SINGLE USE ELECTRODE Ø 2.4 mm | Length |
|---|---|---|
| **30420** | Blade electrode - sterile | 7 cm |
| **30422** | Blade electrode - sterile | 10 cm |
| **30425** | Needle electrode - sterile | 10 cm |
| **30429** | Ball electrode - sterile | 13 cm |



# BALLET STERILE DISPOSABLE ELECTROLYSIS NEEDLES



| Stainless steel | Gold plated | Insulated | ELECTROLYSIS NEEDLES - STERILE | Minimum order |
|---|---|---|---|---|
| **30400** | **30405** | **30410** | K2 needle - 0.055 mm (0.002”) | box of 50 |
| **30401** | **30406** | **30411** | K3 needle - 0.075 mm (0.003”) | box of 50 |

**Ballet needles**
The Ballet needle is manufactured with both a precise point and a mirror-like surface polish. The rounded tapered point of the needle will assist the electrologist in locating the follicle opening and upon insertion the needle will slide smoothly and accurately to the base of the follicle.

**Stainless steel needles**
Ideal for patients with strong healthy skin who respond well to electrolysis treatment.

**Insulates needles**
Suggested for patients with high sensitivity to disconforts of electrolisys.

**24 carat gold plated needles**
For clients who suffer from allergies and sensitive skin.

## 3-PIN MONOPOLAR HANDLES FOR ELECTRODES Ø 2.4 mm

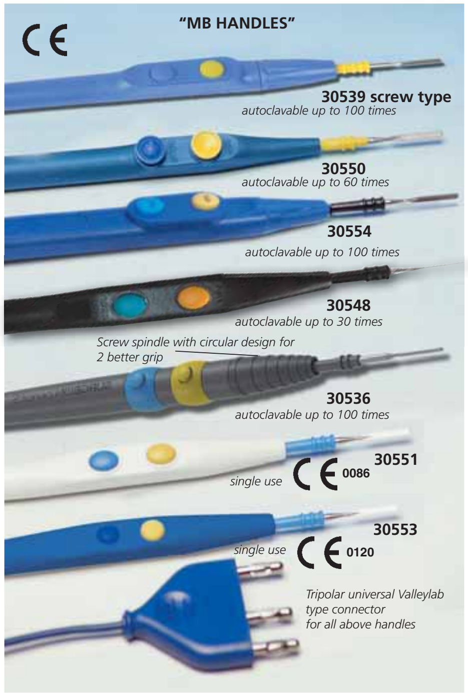
**VALLEYLAB CONNECTOR HANDLES with 2 "click" push-buttons**
GIMA autoclavable electrosurgery pencils with CUT-COAG switch have been studied and tested to offer maximum reliability and functionality to the operator. MB handles are provided with a 3 Pin plug Valleylab type fitting all Gima mono-bipolar Diatermo MB (120, 122, 132, 160, 200, 202, 240, 250, 380, 400) and most of bipolar electrosurgical units: Aspen Lab, ES Generator, EMC Statome, Danieli, Braun, Berchtold, Ohmeda, Ritter, Conmed, Eschmann, Bovie, Martin, Kontron, Bard, Birtcher 771, Cobi, Valleylab, Led, Erbe...

**AUTOCLAVABLE HANDLES**

- **30554 MB AUTOCLAVABLE HANDLE - 100 times**
Autoclavable handle **with 2 large "click" push-buttons**, provided with a 3 meter long silicone cable and a blade electrode.
It can be autoclaved up to 100 times (electrode 20 times).
- **30545 MB AUTOCLAVABLE HANDLE - 100 times**
Same as code 30554 but with a 5 m long silicone cable
- **30550 PRIMA MB AUTOCLAVABLE HANDLE - 60 times**
Autoclavable handle **with 2 large "click" push-button**, provided with a 3 meter long silicone cable and a blade electrode.
It can be autoclaved up to 60 times.
- **30548 STAR AUTOCLAVABLE HANDLE - 30 times**
Same as code 30554 but autoclavable up to 30 times (electrode is autoclavable up to 20 times).
- **30539 ORION PLUS AUTOCLAVABLE HANDLE - 100 times**
Same as 30554, but with a screw clamp locking system ensuring a safe contact and adapting to slightly different electrode diameters. High insulation to prevent liquid damage.
- **30536 SURGEON AUTOCLAVABLE HANDLE - 100 times**
Autoclavable, waterproof handle with ergonomic grip.
Coloured ring that indicates CUT and COAG push buttons.
Provided with 3 m cable and blade electrode.

**SINGLE USE HANDLE**

- **30551 KIRKY SINGLE-USE HANDLE - STERILE**
Single-use handle **with "click" push-buttons** for cut and coag.
Includes blade electrode.
- **30553 GIMA SINGLE-USE HANDLE - STERILE**
Same as 30551 with 3 m cable.


"MB HANDLES"
30539 screw type
autoclavable up to 100 times
30550
autoclavable up to 60 times
30554
autoclavable up to 100 times
30548
autoclavable up to 30 times
Screw spindle with circular design for 2 better grip
30536
autoclavable up to 100 times
30551
single use
0086
30553
single use
0120
Tripolar universal Valleylab type connector for all above handles

## 1-PIN MONOPOLAR HANDLES FOR ELECTRODES Ø 2.4 mm

**1 pin plug HANDLES for diatermo 50, 80, 106, 108**
These handles are provided with a 1 Pin socket (4 mm) fitting all Gima Diatermo and most of electrosurgical units in the market.
These handles **do not have push-buttons.**

- **30515 SURGEON 1 PIN AUTOCLAVABLE HANDLE - 100 times**
Autoclavable, waterproof handle with ergonomic grip.
Provided with 3 m cable and blade electrode
- **30519 AUTOCLAVABLE 50-80-106-108 HANDLE**
Autoclavable handle **without buttons**, provided with a 3 meter long cable and a blade electrode.
It can be autoclaved up to 50 times.
- **30518 KIRKY SINGLE-USE 50-80-106-108 HANDLE - STERILE**
Single-use handle without button with blade electrode with 4 mm PIN connection.

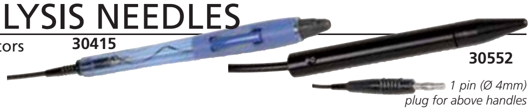
Gripping rubber surface for a safe grip
30515 (autoclavable)
30519 (autoclavable)
0086
30518 (single use)
1 pin (Ø 4mm) plug for above handles

## HANDLES FOR ELECTROLYSIS NEEDLES

Needle handles for all GIMA Diatermo and electro-depilators

- **30552 HANDLE for electrolysis needles**
- **30415 PROFESSIONAL HANDLE for electrolysis needles**

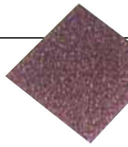
see electrolysis needles at page 187



## ELECTRODE BRUSHES

- **30537 ELECTRODE BRUSH - 50x50 mm**

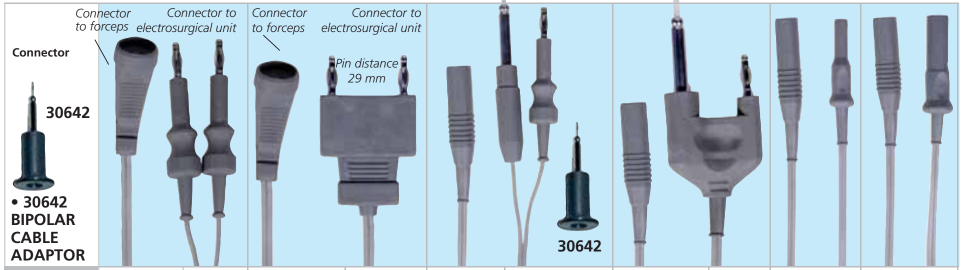
Disposable sterile radiopaque abrasive tip cleaner pad. Box of 100



## BIPOLAR CABLES FOR MAJOR BRANDS

Quality highly flexible silicone bipolar cables.
Autoclavable at 134°C for minimum 20 times. 3 m long (10").

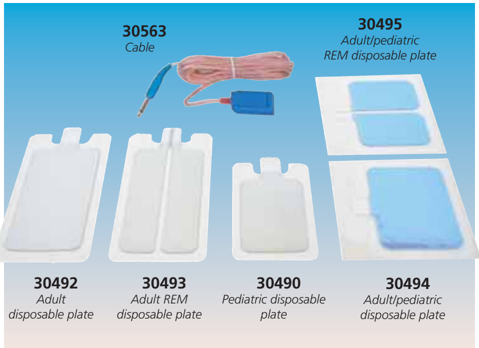
Recommended ETO sterilizion for max extended life. Suitable for most generators, with connector for European or US forceps.

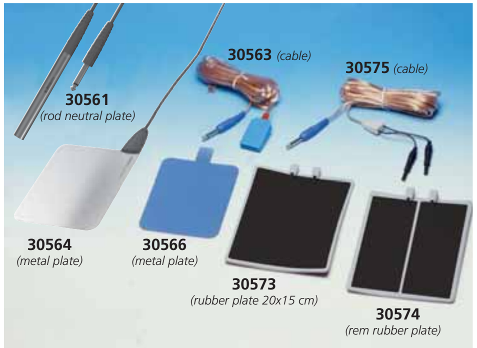


- **30642 BIPOLAR CABLE ADAPTOR**

| GIMA Code | 30632 | 30618 | 30640 | 30637 | 30643 | 30618+ 30642 | 30617 | 30644 | 30639 | 30638 |
|---|---|---|---|---|---|---|---|---|---|---|
| Connector to forceps | EU | US | EU | US | EU | US | EU | US | EU | EU |
| Compatibility brand/model | GIMA: MB 240<br>MB 380<br>VALLEY LAB,<br>CONMED,<br>CODMAN,<br>OLYMPUS | | GIMA: MB 120 F, MB 200 F,<br>MB 200 D, MB 250,<br>MB 300 D, MB 400 D<br>LED: SURTRON 120, 200,<br>300, 400<br>VALLEY LAB,<br>EMC,<br>DOLLEY | | GIMA: MB 122, MB 160,<br>MB 200, MB 202 | | GIMA: MB 80 D, MB 120 D,<br>MB 160 D<br>LED: SURTRON 80, 120,<br>160 | | MARTIN<br>BERCHTOLD<br>AESCULAP<br>WOLF | ERBE<br>SELECT<br>DOWNS<br>SIEMENS |

## SINGLE USE, METAL AND RUBBER PLATES





- **30492 DISPOSABLE GROUND PADS WITH SOLID GEL - adult**
- **30490 DISPOSABLE GROUND PADS WITH SOLID GEL - pediatric**
- **30493 REM DISPOSABLE GROUND PADS WITH SOLID GEL - adult**

Adult ground plate with solid gel.
Single use plate individually packed

- **30563 CABLE FOR PLATES - 5 m**

Universal cable to connect plates (30490-30495) to diatermo.
Safety lock with universal connection - bipolar Ø 6.3 mm plug.

- **30494 DISPOSABLE NON WOVEN GROUND PADS - adult/ped**
- **30495 REM DISPOSABLE NON WOVEN GROUND PADS - adult/ped**
- **30573 RUBBER PLATE 20x15 cm - without cable**
- **30574 REM RUBBER PLATE 20x15 cm - without cable**
- **30575 CABLE FOR RUBBER PLATES**
- **30566 METAL PLATE - without cable**
- **30563 CABLE FOR PLATES - 5 m**
- **30559 CABLE FOR PLATES - 2.5 m**
- **30564 SURGEON NEUTRAL PLATE 16x12 cm - with cable**
- **30561 ROD NEUTRAL PLATE with cable**

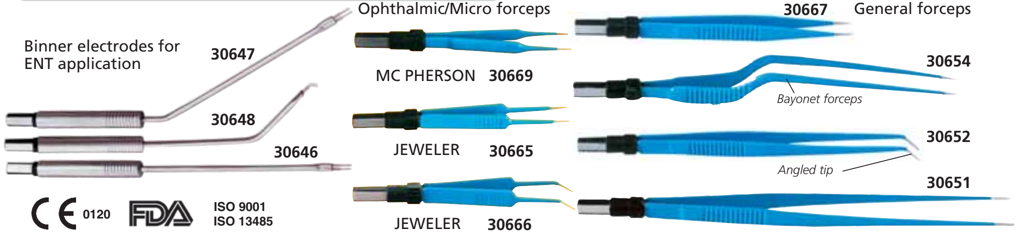
## 3M ELECTROSURGICAL GROUNDING PADS WITH SAFETY RING

- **30496 3M 9160 SPLIT GROUNDING PAD - box of 100**
- **30497 3M 9160F SPLIT GROUNDING PAD - box of 200 (40 pouches of 5 pieces)**
- **30498 3M 9165 SPLIT GROUNDING PAD - precorded - box of 40**

The 3M 9160, and 9165 Universal Grounding Pads all have a conductor area of 15 square inches and come with the patented 3M Green Safety Ring technology which allows them to perform the same as grounding pads that are up to 33% larger in conductor area. Green Ring allows adult and pediatric use. In addition, they have fluid resistant, non-woven backing which allows heat to pass through up to 25% faster than foam, and they have no minimum age or weight limit.

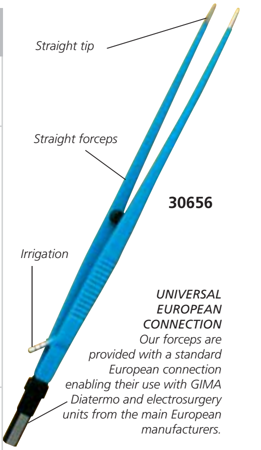
# UNIVERSAL HIGH QUALITY INSULATED BIPOLAR FORCEPS

## EUROPEAN CONNECTOR BIPOLAR FORCEPS



CE 0120 FDA ISO 9001 ISO 13485

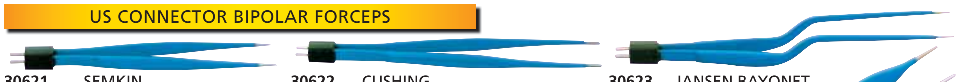
| GIMA code | Model | Connector | Length | | Tip style | Application | Tip size |
|---|---|---|---|---|---|---|---|
| | | | cm | inches | | | |
| **30645** | BINNER | EU | 22 cm | 8½" | ANGLED | ENT | - |
| **30646** | BINNER | EU | 18 cm | 7" | STRAIGHT | ENT | - |
| **30647** | BINNER | EU | 18 cm | 7" | ANGLED | ENT | - |
| **30648** | BINNER | EU | 19 cm | 7⅜" | ANGLED 45° | ENT | - |
| **30650** | STRAIGHT | EU | 18 cm | 7" | STRAIGHT | GENERAL | 1 mm round points |
| **30656** | STRAIGHT with irrigation | EU | 18 cm | 7" | STRAIGHT | GENERAL | 1 mm round points |
| **30651** | STRAIGHT | EU | 20 cm | 7¾" | STRAIGHT | GENERAL | 1 mm round points |
| **30658** | STRAIGHT | EU | 20 cm | 7¾" | STRAIGHT | GENERAL | 2 mm round points |
| **30652** | STRAIGHT | EU | 18 cm | 7" | ANGLED | GENERAL | 1 mm round points |
| **30653** | STRAIGHT | EU | 20 cm | 7¾" | ANGLED | GENERAL | 1 mm round points |
| **30657** | BAYONET | EU | 16.5 cm | 6½" | STRAIGHT | GENERAL | 1 mm round points |
| **30654** | BAYONET | EU | 18 cm | 7" | STRAIGHT | GENERAL | 1 mm round points |
| **30655** | BAYONET | EU | 20 cm | 7¾" | STRAIGHT | GENERAL | 1 mm round points |
| **30659** | BAYONET | EU | 22 cm | 8¾" | STRAIGHT | GENERAL | 1 mm round points |
| **30663** | BAYONET | EU | 24 cm | 9½" | STRAIGHT | GENERAL | 1 mm round points |
| **30660** | STRAIGHT | EU | 18 cm | 7" | ANGLED | GENERAL | 0.3 mm points |
| **30661** | STRAIGHT | EU | 18 cm | 7" | STRAIGHT | GENERAL | 0.3 mm points |
| **30662** | STRAIGHT | EU | 20 cm | 7¾" | STRAIGHT | GENERAL | 0.3 mm points |
| **30664** | ADSON | EU | 12.1 cm | 6" | STRAIGHT | GENERAL | 1 mm round points |
| **30665** | JEWELER 5 | EU | 11.5 cm | 4½" | STRAIGHT | OPHTHALMIC/MICRO | 0.25 mm points |
| **30666** | JEWELER 5 | EU | 11.5 cm | 4½" | ANGLED | OPHTHALMIC/MICRO | 0.25 mm points |
| **30667** | STRAIGHT | EU | 15 cm | 6" | STRAIGHT | OPHTHALMIC/MICRO | 0.5 mm points |
| **30668** | STRAIGHT | EU | 15 cm | 6" | ANGLED | OPHTHALMIC/MICRO | 0.5 mm points |
| **30669** | Mc PHERSON | EU | 10.2 cm | 4" | STRAIGHT | OPHTHALMIC/MICRO | 0.5 mm points |



*UNIVERSAL EUROPEAN CONNECTION*

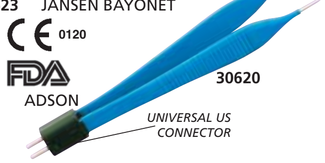
*Our forceps are provided with a standard European connection enabling their use with GIMA Diatermo and electrosurgery units from the main European manufactures.*

## US CONNECTOR BIPOLAR FORCEPS



| GIMA code | Model | Connector | Length | | Application | Straight tip |
|---|---|---|---|---|---|---|
| | | | cm | inches | | Size |
| **30620** | ADSON | US | 12.1 cm | 4¾" | GENERAL/PLASTIC | 1 mm round points |
| **30621** | SEMKIN | US | 14 cm | 5½" | GENERAL/PLASTIC | 0.5 mm points |
| **30622** | CUSHING | US | 15.9 cm | 6¼" | GENERAL/PLASTIC | 1 mm round points |
| **30623** | JANSEN BAYONET | US | 17.8 cm | 7" | GENERAL/PLASTIC | 1 mm round points |

CE 0120 FDA

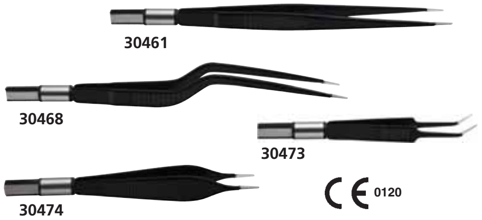


*UNIVERSAL US CONNECTOR*

# EUROPEAN NON-STICK BIPOLAR FORCEPS

**NON-STICK BIPOLAR FORCEPS**
Thanks to new Ag-Tech non-stick technology, the forceps stay clean, virtually eliminating the need for cleaning during coagulation. A tip material with excellent thermal properties prevents the sticking of tissues. The non-stick effect is permanent and will not reduce with the use of forceps.

| GIMA code | Model | Connector | Length | | Tip style | Tip size |
|---|---|---|---|---|---|---|
| | | | cm | inches | | |
| **30460** | STRAIGHT | EU | 15 | 6" | STRAIGHT | 1 mm |
| **30461** | STRAIGHT | EU | 18 | 7" | STRAIGHT | 1 mm |
| **30462** | STRAIGHT | EU | 20 | 7¾" | STRAIGHT | 1 mm |
| **30464** | STRAIGHT | EU | 18 | 7" | ANGLED | 1 mm |
| **30465** | STRAIGHT | EU | 20 | 7¾" | ANGLED | 1 mm |
| **30468** | BAYONET | EU | 18 | 7" | STRAIGHT | 1 mm |
| **30469** | BAYONET | EU | 20 | 7¾" | STRAIGHT | 1 mm |
| **30472** | JEWELER | EU | 11.5 | 4.5" | STRAIGHT | 0.7 mm |
| **30473** | JEWELER | EU | 11.5 | 4.5" | ANGLED | 0.7 mm |
| **30474** | ADSON | EU | 12.1 | 4¾" | STRAIGHT | 1 mm |



CE 0120

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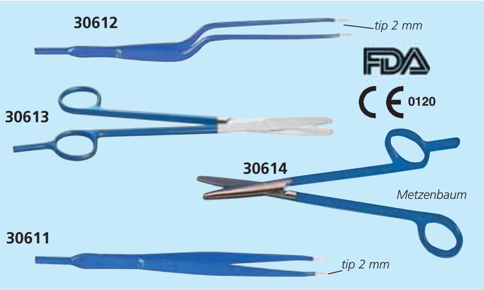
# FOOTSWITCHES AND BOARDS

| GIMA code | FOOTSWITCHES FOR 50, 80, 106, MB 120, 122, 132, 160, 200, 202 |
|---|---|
| **30577** | Waterproof MB footswitch - 2m cable |
| **30578** | Waterproof MB footswitch - 3m cable |
| | **ANTIEXPLOSION FOOTSWITCH FOR MB 120, 122, 132, 160, 200, 202** |
| **30602** | Double antiexplosion, water proof MB footswitch |
| | **ANTIEXPLOSION FOOTSWITCHES FOR MB 240, 250, 300D, 380, 400, 400D** |
| **30603** | Double antiexplosion, water proof footswitch - MB240-380 |
| **30604** | Double antiexplosion, water proof footswitch - MB250-400-300D-400D |
| | **MAIN BOARD** |
| **30557** | Main board - specify model and serial number of diatermo with order |
| **30558** | Output board for MB 240, 250, 380, 400 - specify as above |

*It allows selection from pedal of CUT and COAG functions Antiexplosion and waterproof.*

# MONOPOLAR FORCEPS, SCISSORS AND CABLES



FDA CE 0120

Monopolar forceps and scissors are provided with a 4 mm connection for standard monopolar cables. These can be used with all Gima, LED, Erbe and many other electrosurgical units in the market.

| GIMA code | INSULATED MONOPOLAR INSTRUMENTS |
|---|---|
| **30610** | Monopolar cable - 4 mm pin |
| **30611** | Mc INDOE straight monopolar forceps 15 cm (6") |
| **30612** | Bayonet monopolar forceps - 20 cm (7 1/2") |
| **30613** | Monopolar scissors - straight - 18 cm (7") |
| **30614** | Metzenbaum monopolar scissors - straight - 18 cm (7") |
| **30615** | Metzenbaum monopolar scissors - curved - 18 cm (7") |

# ELECTROSURGERY SMOKE EVACUATOR

- **30450 SMOKE EVACUATOR**

An aspiration and filtering system for the smokes produced during the surgical procedures.
The smokes, generated during the surgical procedures, have a bad, strong and persistent smell. These smokes consist of water vapour, organic gas, visible or invisible solid particles and viral parts. So a good aspiration and filtration eliminates bad smells, reduce the bacteriological and/or viral risks, and improves vision of the zone of the operation area during the laparoscopic procedures.
Activation of the aspiration can be:
- **Automatic**, through the remote electronic system of automatic survey of the activation of the high frequency electrosurgical unit
- **Manual**
- **Through a foot switch (optional)**

The aspiration flow can be adjusted to suit the specific needs. For laparoscopic procedures there is a specific function L, quickly selectable. Smoke evacuator has an electronic control of the aspiration with the indication of the wearing status of the filters. There are two different kinds of quickly replaceable ULPA type filters, with active carbons: the BLUE filter is the first filter and it is included with the unit for an initial time of use (5 hours), the RED filter is an optional spare part, developed for a long time use (20 hours).
They have connector of 7/8".

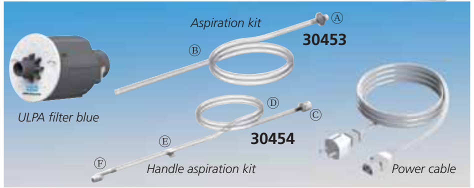
- **30452 ULPA FILTER (20 hours) RED - spare**
- **30453 ASPIRATION KIT - box of 6**
- **30454 HANDLE ASPIRATION KIT - sterile - box of 12**
- **30577 WATERPROOF MB FOOTSWITCH - 2 m**

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Mains voltage | 230 V (115 V on request) |
| Mains frequency | 50/60 Hz |
| Electrical input power | 800 VA |
| Max vacuum flow rate | 1000 LPM (35 CFM) |
| Max static suction | 250 mbar (83 in $H_2O$) |
| Filter type | ULPA with active carbons |
| Filter efficency | 99,999% |
| Particles diameter | 0.12 micron |
| Size | 370x144x319 mm |
| Weight | 4 kg |

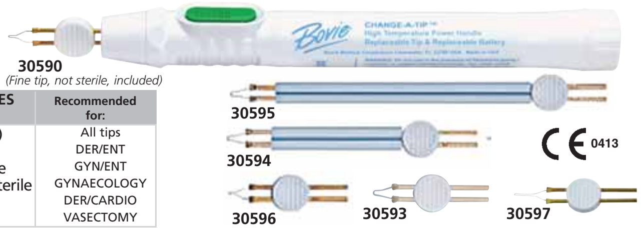
**STANDARD ACCESSORIES**

ULPA filter (5 hours) blue
Aspiration kit (Ⓐ filter +Ⓑ pipe Ø 22 mm, length 2.4 m)
4 handle aspiration kit (Ⓒ adapter 10 mm / 22 mm Ⓓ, pipe Ø 10 mm, length 1.8 m, Ⓔ clip to fix the pipe to the handle, Ⓕ adapter to the handle)
Power cable



# CHANGE-A-TIP™ CAUTERIES WITH HIGH TEMPERATURES

**BOVIE CAUTERIES**
- interchangeable sterile tips
- replaceable batteries
- reusable handles
- no sterilization necessary



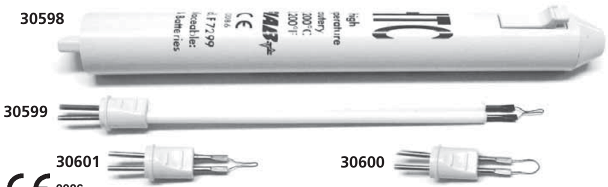
30590 (Fine tip, not sterile, included)

| GIMA code | INTERCHANGEABLE TIP CAUTERIES MINIMUM ORDER: 10 TIPS | Recommended for: |
|---|---|---|
| **30590** | Cautery handle "AA" (tip included) | All tips |
| **30593** | High temp loop tip - sterile | DER/ENT |
| **30594** | High temp 2" flex loop tip - sterile | GYN/ENT |
| **30595** | High temp 5" loop tip - long size - sterile | GYNAECOLOGY |
| **30596** | High temp fine tip - sterile | DER/CARDIO |
| **30597** | High temp elongated tip - sterile | VASECTOMY |

# REUSABLE HIGH TEMPERATURE CAUTERY WITH REPLACEABLE TIP

**CAUTERIES - 1,200°C (2,200°F) - made in Italy**
- interchangeable tips with nickel-chrome wire
- replaceable batteries
- reusable handles

Wide application in gynaecology, orthopedy, ear/nose/throat, dermatology, plastic and reconstruction surgery.



| GIMA code | INTERCHANGEABLE TIP CAUTERIES MINIMUM ORDER: 10 TIPS |
|---|---|
| **30598** | Cautery handle "AA" (tip not included) |
| **30599** | High temp long fine tip - sterile - box of 10 |
| **30600** | High temp large tip - sterile - box of 10 |
| **30601** | High temp fine tip - sterile - box of 10 |

# HIGH TEMPERATURE ELECTROCAUTERIES

**• 30580 ELECTROCAUTERY - 1,200 °C - fine tip - made in Italy**
Electrocautery is a sterile bipolar battery operated disposable device for the cauterization of small vessels; the temperature of the tip is 1,200°C. With a **fine tip** required in most of the surgeries.

**• 30582 GYNAECOLOGY CAUTERY - 1,200°C - fine tip**
Same as 30580 but with the tip fixed on a 12 cm long shaft.

**• 30581 ELECTROCAUTERY - 600 °C - fine tip**
Same as 30580 but with lower temperature = 600°C.
Expecially designed for ophthalmology.

**• 30583 EMERGENCY ELECTROCAUTERY - 800°C - Thick tip**
Same as 30580 but with "thick tip" for the perforation of nails in case of haematoma.

# CARTS FOR ELECTROSURGICAL UNITS

Trolley designed to hold and carry electrosurgical units (including Argon units). Ergonomics has been particularly considered for the design, for example the height of 900mm with inclined top shelf allows easy reading of the unit's display.
The trolley is provided with a second shelf with antiskid raised edges, two drawers placed at the base and a rear space with securing straps to hold two Argon cylinders. The upright stands holding the shelves are designed to take possible optional accessories.
All parts of the trolley are made of epoxy-painted, tempered steel and aluminum.
Available version with 4 socket group, fuses box, independent grounding plug, power cable 3m.

| TECHNICAL SPECIFICATIONS | | |
|---|---|---|
| Load capacity: | - Total load 200 kg | - Inclined shelf 50 kg |
| Inclined shelf: | 42x45 cm (27864/6) | 50x50 cm (27865/7) |
| Drawers and shelf: | 42x31 cm (27864/6) | 50x36 cm (27865/7) |

| GIMA code | CARTS FOR ELECTROSURGICAL UNITS |
|---|---|
| **27864** | DIATERMO CART - medium |
| **27865** | DIATERMO CART - large |
| **27866** | DIATERMO CART with power - medium |
| **27867** | DIATERMO CART with power - large |

*All professional carts are supplied with cable pipe inside lateral columns.*

*Power available with 27866/7*

TOP QUALITY

# HISTOFREEZER® CRYOSURGICAL SYSTEM

**• 30591 HISTOFREEZER® - kit with applicator 2 mm**
Two 80 ml aerosol bottles and 60 applicators 2 mm.
**• 30592 HISTOFREEZER® - kit with applicator 5 mm**
Two 80 ml aerosol bottles and 52 applicators 5 mm.
**• 30589 HISTOFREEZER® - large kit mixed applicators**
Two 80 ml aerosol bottles, 24 applicators 2 mm, 36 applicators 5 mm.
**• 30585 HISTOFREEZER® - mini kit mixed applicators**
One 80 ml aerosol bottle, 16 applicators 2 mm, 16 applicators 5 mm.

The Histofreezer® portable cryosurgical system is a low cost, highly effective cryosurgical agent that provides safe and effective treatment for warts and other common benign skin lesions.
This therapeutic treatment makes use of local freezing for the controlled destruction or removal of living tissue.
Suitable for adults and children

| **Effective use on 9 benign lesion types** | **% of resolution*** |
|---|---|
| - Verruca Vulgaris (Common Warts) | 94% |
| - Verruca Plantaris (Plantar Warts) | 86% |
| - Molluscum Contagiosum | 100% |
| - Lentigo (Age Spots) | 100% - facial<br>99% - non facial |
| - Condyloma(Genital Warts) | 89% |
| - Seborrheic Keratosis | 95% |
| - Acrochordon (Skin Tags) | 100% |
| - Verruca Plana (Flat Warts) | 93% |
| - Actinic keratosis (Facial and Non-Facial) | 91% - facial<br>87% - non facial |

*Summary of resolution rates by type of lesion from a number of clinical trials obtained with histofreezer + post-treatment of 27% salicylic acid / 17% lactic acid*

Supplied with box and manual in: GB, FR, IT, DE, ES, NL, PL.
From web you can download: GR, PT, TH, Arab.

Saturated 2 mm applicators will stay cold for 90 seconds.

30591

30591

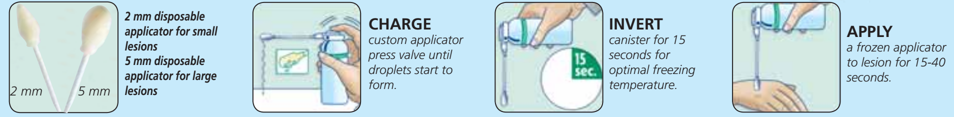
Saturated 5 mm applicators will stay cold for 120 seconds.

30592

30585

30589

0543



***2 mm disposable applicator for small lesions***
***5 mm disposable applicator for large lesions***

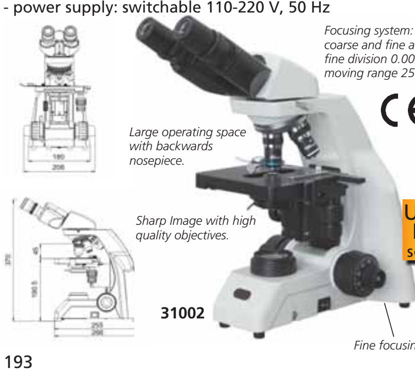
**CHARGE**
*custom applicator press valve until droplets start to form.*

**INVERT**
*canister for 15 seconds for optimal freezing temperature.*

**APPLY**
*a frozen applicator to lesion for 15-40 seconds.*

# BIOLOGICAL MICROSCOPES - MAGNIFICATION 40X-1600X

**• 31002 LED BIOLOGICAL MICROSCOPE - 40X to 1600X**
High level microscope with high resolution and transmission
Main features:
- infinite optical system
- wide field eyepiece WF 10X/20
- infinite semi-plan achromatic objectives 4X, 10X, 40X, 100X
- Abbe condenser
- backward quadruple nosepiece
- double layers mechanical stage (size: 150x139 mm, move range 75x52 mm)
- adjustable brightness
- power supply: switchable 110-220 V, 50 Hz


Focusing system: coaxial coarse and fine adjustment, fine division 0.002 mm, moving range 25 mm
Large operating space with backwards nosepiece.
Sharp Image with high quality objectives.
Fine focusing knob

31002

**• 31000 BIOLOGICAL MICROSCOPE - 40X to 1000X**
- 30° compensation free binocular head
- eyepiece 10X (Field 18 mm)
- achromatic objectives 4X, 10X, 40X(S), 100X (S, oil)
- semi plan achromatic objective 40X, 100X, 400X, 1000X,
- interpupillary distance adjustment: from 55 to 75 mm
- mechanical stage, double layers (size: 125x135 mm, move range: 75x35 mm)
- Abbe condenser with iris diaphragm and filter
- halogen lamp 6 V, 20 W - brightness adjustment
- power supply: switchable110-220 V, 50 Hz

**• 31005 SPARE BULB for 31000**

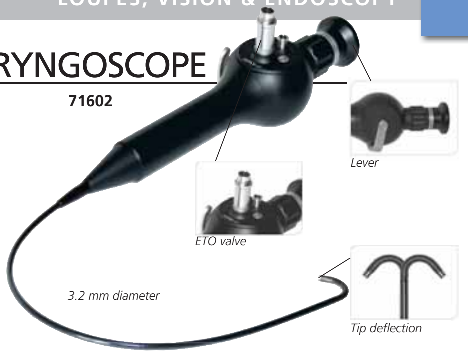
Binocular system
Quadruple nosepiece and objectives
Fine focusing knob minimum division 0.002 mm

31000

UNIVERSAL CAMERA FOR MICROSCOPES
see code 32185 page 194

## GERMAN FLEXIBLE NOSEPHARYNGOSCOPE

**• 71602 FLEXIBLE NOSEPHARYNGOSCOPE with cable**
The high precision multi-lens optics creates an optimal image. The thin insertion tubes are exceptionally maneuverable and have a special wide angle lens whereby a precise tip control and a remarkable depth of focus are reached.
Exacting workmanship and high quality materials create absolutely homogeneous illumination.
The handpiece is ergonomically formed and the insertion tube is especially comfortable for the patient.
This naso-pharyngoscope, with its proven design, is guaranteed to bring years of trouble-free service.
- wide angle, multi-lens objectives for excellent image quality
- excellent ergonomics allows one hand operation
- suitable for mechanical cleaning and disinfection



71602

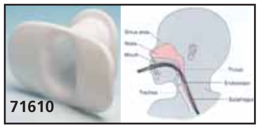
30830
*adaptor to Gima light source*

30801

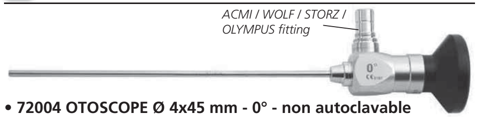
| **TECHNICAL SPECIFICATIONS 71602** | |
|---|---|
| Resolution: 7,000 pixels | Working length: 300 mm |
| Working Ø: 3.2 mm | Tip deflection: up 140°, down 140° |
| Length of tip deflection: 20 mm | Depth of focus: 6 -1,000 mm |
| Direction of view: 0° | Field of view: 70° |
| Weight: 260 g | Made in Germany |

*Supplied in lightweight aluminium rigid case with fibre optic cable, leakage tester and user manual (GB, IT)*

**• 71610 ENDOSCOPY MOUTHPIECE - bag of 20 pcs**
Disposable bite blocks

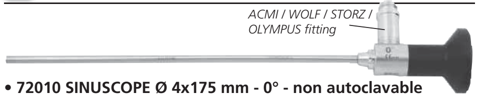

71610

## OTOSCOPES



- **72004 OTOSCOPE Ø 4x45 mm - 0° - non autoclavable**
- **72007 OTOSCOPE Ø 2.7x107.5 mm - 0° - non autoclavable**
- **72008 OTOSCOPE Ø 2.7x107.5 mm - 30° - non autoclavable**

## SINUSCOPES



- **72010 SINUSCOPE Ø 4x175 mm - 0° - non autoclavable**
- **72011 SINUSCOPE Ø 4x175 mm - 30° - non autoclavable**
- **72012 SINUSCOPE Ø 4x175 mm - 70° - non autoclavable**
- **72013 SINUSCOPE Ø 4x175 mm - 45° - non autoclavable**

## LARYNGOSCOPE

- **72021 LARYNGOSCOPE Ø 8x170 mm - 70° - non autoclavable**

## LIGHT SOURCE HANDLE

- **30795 FLYER HALOGEN HANDLE 2.5 V - light source for endoscopes**
- **31478 BULB for 30795**
- **30794 FLYER LED HANDLE 2.5 V - light source**

Powerful handheld light source for endoscopes. 60,000 lux. Both flyer handles need 2xAAA batteries.

## Wi-Fi/USB CAMERA FOR ENDOSCOPES AND MICROSCOPES

- **32185 MICFIEYE - Wi-Fi/USB CAMERA (C-mount)**
- **32186 C-MOUNT F18 ADAPTER FOR ENDOSCOPES**
- **32187 MICROSCOPE ADAPTER Ø 23 mm**

MICFIEYE is a Wi-Fi camera with C-mount and allows to digitalize the image on tablets, smartphones and PC using dedicated Apps and Softwares. MICFIEYE needs an adapter to be compatible with all optical devices such as microscopes, endoscopes, boroscopes, fiberscopes, C-mount lenses etc.

32185+32187

32185+32186

*Each camera is supplied with USB cable (1.2 m), USB AC adapter, user manual (GB, IT, FR, ES, DE), software can be downloaded free of charge from web*

| **TECHNICAL SPECIFICATIONS** | |
|---|---|
| Camera Type: | Colour CMOS camera |
| Sensor: | ¼ Imax CMOS |
| Resolution: | 1.3 MP |
| Image pixel: | 320x240, 640x480, 1280x1024 |
| Lens standard: | C-CS mount CCTV lens |
| Automatic optical features: | Gamma correction, exposure, white balance, black reference, flicker avoidance, defect identification, colour saturation |
| Button snapshot: | yes for Wi-Fi and USB mode |
| Dimension: | Ø 36x75 mm |
| Wi-Fi transmission distance: | ≥5 m |
| Video resolution: | 1.3 MP, 320x240, 640x480, 1280x1024 |
| Frequency range: | 2,400-24,835 GHz |
| Li-Ion battery: | Continuous working time - approx 2.5 hours |
| Power source: | 5 V / 1A or USB (use only USB wall adaptors certified according the CE and/or FCC regulations) |
| OS support: | iOS / Android / Windows / Mac |
| Software features: | USB and Wi-Fi MIC-fi: snapshot, video recording, calibration and measurement. Take time lapsed picture, (only USB Micfieye) |

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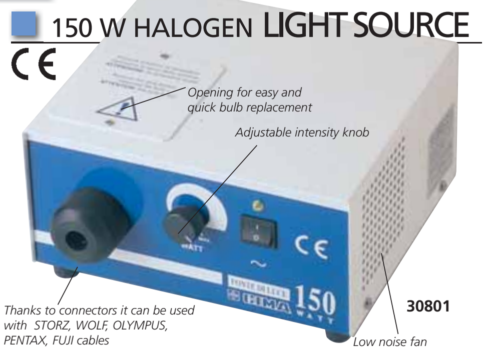
## 150 W HALOGEN LIGHT SOURCE

CE


Opening for easy and quick bulb replacement
Adjustable intensity knob
Thanks to connectors it can be used with STORZ, WOLF, OLYMPUS, PENTAX, FUJI cables
Low noise fan
30801

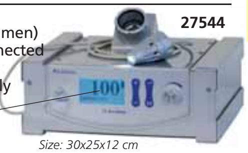
**• 30801 GIMA HALOGEN LIGHT SOURCE 150 Watt**
Compact, lightweight, powerful light source for endoscopic use. A low noise fan positioned behind the halogen bulb provides the necessary cooling inside the metallic structure of the light source. A variable-intensity regulator enables selection 50 to 150 W. User manual in GB, ES, FR, IT, GR, PT.

| GIMA code | CONNECTORS FOR GIMA LIGHT SOURCE TO DIFFERENT CABLES |
|---|---|
| **30810** | STORZ cable connector |
| **30811** | WOLF cable connector |
| **30812** | OLYMPUS cable connector |
| **30815** | PENTAX cable connector |
| **30816** | FUJINON cable connector |
| **30808** | Spare lamp 150W |

**TECHNICAL SPECIFICATIONS**
Input for GIMA, SCHOLLY and LUT cables
Dimension: 21x20x h 11 cm
Max power absoption: 170 Watt
Two protection fuses: 1.6 A.T.
Power supply: 230V-50 Hz
Norms: IEC 601-1 - 93/42/EEC
(Class: I - Type: BF)
Made in Italy: GIMA S.p.a.

## LED LIGHT SOURCE

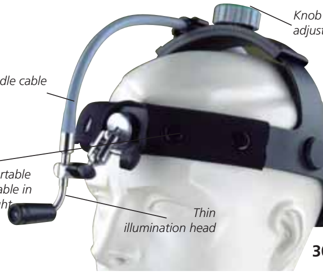
**• 27544 LED LIGHT SOURCE**
Cold white light (5,500 °K, 200 lumen) for endoscopy use. It can be connected to endoscopes without need of F.O. cable. Handle connect directly to rigid endoscopes (Storz connection).



*Size: 30x25x12 cm*

## F. O. HEAD LIGHTS

CE

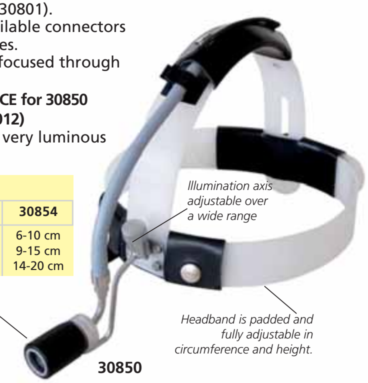

Knob for easy adjustment
3.5mm fibre bundle cable length 2.3 meter
Professional and comfortable headband easily adjustable in circumference and height through two knobs
Thin illumination head
30854

**• 30850 WIDA FIBRE OPTIC HEAD LIGHT**
**• 30854 WIDA PLUS FIBRE OPTIC HEAD LIGHT**
**fibre optic cable complete with head light system**
WIDA illumination systems are available in two versions: one with simple headband and standard illumination head, the other with professional headband, easily adjustable, and thin head. Both include F.O. cable with adaptor (30830) for connection to GIMA light source (30801).
Here below are available connectors to other light sources.
Light beam can be focused through a focusing ring.

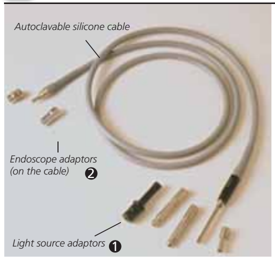
**• 30852 FOCUS DEVICE for 30850 (since lot 14 - may 2012)**
It reduces light in a very luminous spot Ø 10 mm.

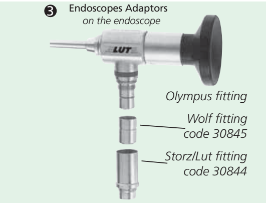
Diameter focus:

| DISTANCE | 30850 | 30854 |
|---|---|---|
| 20 cm | 7-15 cm | 6-10 cm |
| 30 cm | 10-22 cm | 9-15 cm |
| 50 cm | 16-35 cm | 14-20 cm |

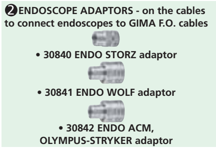

Illumination axis adjustable over a wide range
An exceptionally bright headlight with an illumination head for coaxial, shadow-free illumination of the viewing area.
Headband is padded and fully adjustable in circumference and height.
30850

## SURGICAL FIBRE OPTIC LIGHT CABLES AND ADAPTORS


Autoclavable silicone cable
Endoscope adaptors (on the cable) ❷
Light source adaptors ❶


❸ Endoscopes Adaptors
*on the endoscope*

**❶ LIGHT SOURCE ADAPTORS**
**to connect GIMA F.O. cables to light sources**
- **30830 GIMA light source adaptor**
- **30831 STORZ - AESCULAP-MARTIN light source adaptor**
- **30832 WOLF - HENKE SASS - DYONICS - MEDICON - COMEG light source adaptor**
- **30833 OLYMPUS light source ad.**
- **30834 ACMI light source adaptor**
- **30835 HEINE light source adaptor**
- **30836 FUJINON light source adaptor**
- **30837 PENTAX light source adaptor**

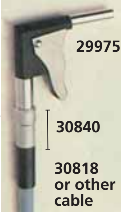

**❷ENDOSCOPE ADAPTORS - on the cables**
**to connect endoscopes to GIMA F.O. cables**
- **30840 ENDO STORZ adaptor**
- **30841 ENDO WOLF adaptor**
- **30842 ENDO ACM, OLYMPUS-STRYKER adaptor**

- **30817 FIBRE OPTIC CABLE 3.5 x 1,800 mm**
- **30818 FIBRE OPTIC CABLE 4.8 x 1,800 mm**
- **30822 FIBRE OPTIC CABLE 3.5 x 2,300 mm**
- **30823 FIBRE OPTIC CABLE 4.8 x 2,300 mm**
- **30826 FIBRE OPTIC CABLE 4.8 x 3,000 mm**

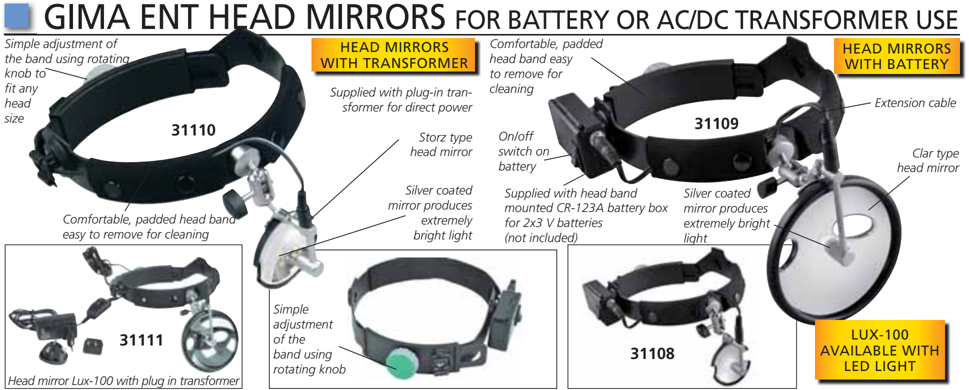
High transmission surgical light cables, armoured but highly flexible with unique features:
- no burn outs
- strain relieved and protected by **silicone hose**
- **steam autoclavable** with warranty (12 months)
- light source end temperature resistant up to 300°C
- kink resistant
- no electrical interferences with endoscopic surgery units
- surgical stainless steel end fittings resist wear and corrosion
- stainless steel adaptors enables our cables to be used with other manufacturers halogen light sources/instruments

**• 29975 FIBRE OPTIC CLAMP**

**❸ENDOSCOPE ADAPTORS - on the endoscope**
to connect endoscopes to GIMA F.O. cables
- **30844 STORZ/LUT ENDOSCOPE ADAPTORS**
- **30845 WOLF ENDOSCOPE ADAPTORS**



# GIMA ENT HEAD MIRRORS FOR BATTERY OR AC/DC TRANSFORMER USE


Simple adjustment of the band using rotating knob to fit any head size
31110
HEAD MIRRORS WITH TRANSFORMER
Supplied with plug-in transformer for direct power
Storz type head mirror
Silver coated mirror produces extremely bright light
Comfortable, padded head band easy to remove for cleaning
31111
Simple adjustment of the band using rotating knob
Comfortable, padded head band easy to remove for cleaning
HEAD MIRRORS WITH BATTERY
Extension cable
31109
On/off switch on battery
Clar type head mirror
Supplied with head band mounted CR-123A battery box for 2x3 V batteries (not included)
Silver coated mirror produces extremely bright light
31108
LUX-100 AVAILABLE WITH LED LIGHT

Head mirror Lux-100 with plug in transformer

Quality head mirrors Ø 55 or 100 mm to perfectly illuminate the examination area in every situation.
Long life 6 V lamp provides bright and natural light, quality silver coated mirror allows optimum light reflection.
Mirror and light beam can be easily and precisely adjusted.

| STANDARD ACCESSORIES | LUX AC/DC TRANSFORMER | LUX BATTERY* | |
|---|---|---|---|
| | 31110-31111 | 31107-31109 | 31112 |
| Mirror with head band | • | • | • |
| Long life bulb | • | • | • |
| Head band mounted battery case** for 2 x 3V CR-123A | | • | |
| Plug in transformer* 100/240 V - 50/60 Hz with cable | • | | • |
| Pocket battery case | | | • |
| Sturdy plastic case | | | • |
| Cordura bag | • | • | |
| Extension cable 80 cm and on/off switch 30 cm cable | | | • |

*Supplied with interchangeable UK, US, EU plugs **Battery not included

| GIMA code | LUX ENT MIRRORS |
|---|---|
| **31108** | LUX-55 battery** head mirror - Ø 55 mm - 6 V |
| **31112** | LUX-55 battery*** head mirror - Ø 55 mm - 6 V |
| **31109** | LUX-100 battery** head mirror - Ø 100 mm - 6 V |
| **31107** | LUX-100 battery** LED head mirror - Ø 100 mm - 6 V |
| **31110** | LUX-55 AC/DC transformer head mirror - Ø 55 mm - 6 V |
| **31111** | LUX-100 AC/DC transformer head mirror - Ø 100 mm - 6 V |
| **31114** | Mirror for LUX-55 - spare |
| **31115** | Mirror for LUX-100 - spare |
| **31116** | Bulb for LUX mirrors - spare |
| **31119** | Carrying bag for LUX mirrors - black |
| **31117** | Battery case for LUX mirror 31112/3 - spare |
| **31124** | Connecting cable 30 cm for 31107-9 - spare |
| **31118** | Plug in transformer* 100-220 V - 50/60 Hz with cable - spare for 31100-1 - optional for 31107-9 |

*Supplied with interchangeable UK, US, EU plugs **Battery mounted on head mirror band
***Pocket battery case connected to head mirror

# HEAD LOUPE AND MAGNIFYING GLASSES

**• 31170 HEAD LOUPE two magnifying systems (2.2X and 3.3X)**
The system is mounted on an adjustable webbing head band and provided with two separate lenses. The first lens provides a 2.2X magnification, moving down the second lens, we reach a total 3.3X magnification. The superior quality of this lens permits high precision examinations. It can be used in combination with any kind of glasses. Working distance: 17 cm with 2.2X lens, 9 cm with 3.3 lens. Made in Japan.

**• 30861 DANAE MAGNIFYING GLASSES**

Compatible with TETI protective shield (see page 16, 198)

- optical system with 3 magnifying glasses (2X, 2.5X, 3X)
- can fit over your glasses
- adjustable to any face shape

**• 30848 SMART MAGNIFYING GLASSES**
Spectacle frame with magnifying glasses useful to physician whenever it is necessary to have a magnified view of the visual field and be able to use both hands. Lightweight, it folds up, and can be worn over spectacles. 2.5X zoom lens which can be tilted to achieve optimum focus.

# ZIEGLER MIRROR

**• 31142 ZIEGLER MIRROR - Ø 90 mm**
Concave back-silvered mirror, 90 mm diameter with 13 mm diameter hole, on adjustable band. Special mount permits replacement of glass mirror in event of breakage.
Made in Germany.

# 1 W LED HEADLIGHTS

**• 30858 LED HEADLIGHT**
Run time: High mode: 3 hours - Low mode: 22 hours
Luminous intensity: 120 lumens (high) or 30 lumens (low)
30 feet drop test, super bright CREE cool white LED
MCU control push switch (High/Low/Off) 60° pivoting head.
Passed extreme temperature shock test, IPX4 water resistant
10,000 switch cycle life
Lighting leakage design when forget to turn off switch. 3AAA batteries included.

**• 32200 "AAA" ALKALINE BATTERIES - blister of 4 pcs - spare**

Compact and lightweight headlight only 65 g

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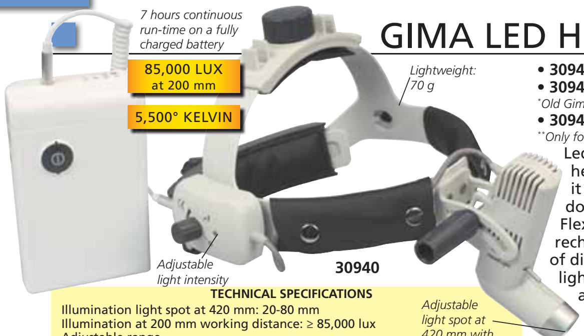
# GIMA LED HEADLIGHT


7 hours continuous run-time on a fully charged battery
85,000 LUX at 200 mm
5,500° KELVIN
Lightweight: 70 g
Adjustable light intensity
30940
Adjustable light spot at 420 mm with iris diaphragm: 20-80 mm

**TECHNICAL SPECIFICATIONS**
Illumination light spot at 420 mm: 20-80 mm
Illumination at 200 mm working distance: ≥ 85,000 lux
Adjustable range
Fluctuation distance: 12.5 mm
Angle range: vertical ± 25° adjustable
Weight of headlight (excluding head band): 69 g
Illumination source: extremely bright light, 5 W LED, life 20,000 hours
Battery: 7.2 V/4,600mAH lithium battery
Battery run-time: not less than 7 hours continuous run-time on a fully charged battery (charging time: 5 h)
Voltage: 100-240 VAC, 50-60 Hz
Maximum input power: 15 W
Power adapter output: DC 12 ±0.5 V, 1.5 A
Electrical safety standard: IEC60601.1, class II type BF equipment

**• 30940 GIMA LED LIGHT - 5W - black**
**• 30941 BATTERY PACK for 30940 and 30890* (need adaptor) - spare**
*Old Gima Led light - light blue
**• 30942 ADAPTOR BATTERY PACK****
**Only for use of battery pack (30941) with old Gima head light (30890)

Led lamp without the heat of traditional halogen headlight. With a colour temperature of 5,500 °Kelvin, it provides bright, white, shadow-free light allowing the doctor to see tissue characteristics without distortion. Flexibility of operation using the rechargeable lithium battery, instead of direct power source. Comfortable lightweight headlights suitable for all kinds of surgery, ENT or dental applications. The headlight can be used when it is charging, it also has low-battery indicator light. Adapts to GIMA binocular loupes (codes 30892-8, 30910-5). Smart design, convenient for mobile diagnosis. Supplied in aluminium box with rechargeable 7.2 V / 4,600 mAH lithium battery and recharger. Manual: GB, FR, IT, ES, DE, PT, GR, Arabic.

# GIMA BINOCULAR LOUPES

**BINOCULAR LOUPES:**
Light weight, ergonomically superior Galilean-style flip-up loupes.
Can be used independently or mounted on 30890, 30940.
Multi-coated and high grade glass lenses provide clean and sharp image. Eyepiece with wide field of view.
Deep focus to see object stereoscopically.
Loupes angles can be easily adjusted between 0° and 40° to minimize fatigue even after prolonged use.
6 mm up and down displacement.
Adjustable pupil distance to fit different face types.

**STYLE BINOCULAR LOUPES:**
Line of binocular loupes with same features of traditional line but mounted on a extra light, fashionable frame.

Weight: 140 g

All binocular loupes are supplied in a case

Weight: 140 g

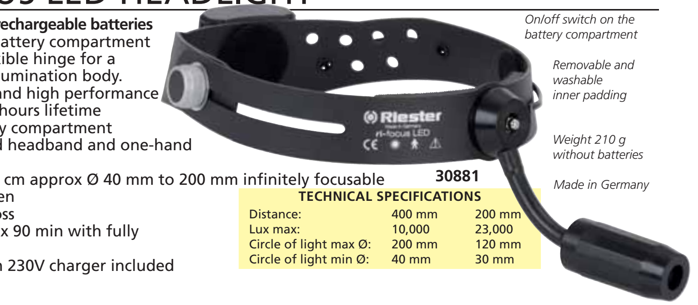
| GIMA code | BINOCULAR LOUPES | Magnification | Working distance | Field of view Ø |
|---|---|---|---|---|
| **30892** | Binocular Loupe | 2.5X | 340 mm | 80 mm |
| **30894** | Binocular Loupe | 2.5X | 420 mm | 100 mm |
| **30897** | Binocular Loupe | 3.5X | 340 mm | 60 mm |
| **30898** | Binocular Loupe | 3.5X | 420 mm | 72 mm |

| GIMA code | STYLE BINOCULAR LOUPES | Magnification | Working distance | Field of view Ø |
|---|---|---|---|---|
| **30910** | Style binocular Loupe | 2.5X | 340 mm | 80 mm |
| **30911** | Style binocular Loupe | 2.5X | 420 mm | 100 mm |
| **30914** | Style binocular Loupe | 3.5X | 340 mm | 60 mm |
| **30915** | Style binocular Loupe | 3.5X | 420 mm | 72 mm |

# RIESTER RI-FOCUS LED HEADLIGHT

**• 30881 RI-FOCUS LED HEADLIGHT - with rechargeable batteries**
High performance LED headlight with battery compartment for fast and easy change of battery. Flexible hinge for a comfortable one-hand use of the LED illumination body.
- more efficient diagnosis due to white and high performance LED with up to 100,000 LUX and 50,000 hours lifetime
- wireless headband with built-in battery compartment
- particularly comfortable with balanced headband and one-hand operation
- focusable LED lamp at a distance of 40 cm approx Ø 40 mm to 200 mm infinitely focusable
- white LED with 6,000 °Kelvin, 140 lumen
- significantly less heating and energy loss
- rechargeable battery operation: approx 90 min with fully charged batteries

Rechargeable AAA batteries and plug in 230V charger included



On/off switch on the battery compartment

Removable and washable inner padding

Weight 210 g without batteries

Made in Germany

**TECHNICAL SPECIFICATIONS**

| | | |
|---|---|---|
| Distance: | 400 mm | 200 mm |
| Lux max: | 10,000 | 23,000 |
| Circle of light max Ø: | 200 mm | 120 mm |
| Circle of light min Ø: | 40 mm | 30 mm |

# HEINE LED HEAD LIGHT

POWERFUL LED ILLUMINATION

50,000 LUX at 250 mm

5 YEARS WARRANTY

30884

**• 30884 HEINE ML4 LED$^{HQ}$ HEAD LIGHT - J.008.31.413**

- **LED in HQ;** defining **optimal light intensity** (50,000 lux at 250 mm), **brightness and homogeneity from edge to edge, and colour rendering** (4,500 k, CRI >90, R9 > 75). This ensures true colour tissue for the most accurate diagnosis.
- **Coaxial illumination:** ensures a completely **shadow-free image** and allows for excellent illumination of difficult to see areas.
- **Lithium Battery:** for **up to 8.5 hours** of continuous working.
- **LED Thermal Management:** guarantees **consistent quality and performance throughout the LED's lifetime** (50,000 hours).
- **Adjustable illumination spot size:** 30 to 80 mm spot size range (at 420 mm working distance) to fit any examination situation.
- **Comfortable and secure fit:** multiple adjustment points and soft padding for comfort and stability even during long procedures.
- **Illumination Intensity Control:** for precise brightness setting Rechargeable battery pack and direct mains transformer included.

**• 30883 HEINE ML4 LED$^{HQ}$ HEAD LIGHT with DV1 DIGITAL VIDEOCAMERA and mPack® UNPLUGGED - J-008.31.470**

Same as above with high resolution digital videocamera 1.3 megapixel

**• 30886 HEINE BINOCULAR LOUPE 2.5X-340 mm - J.000.31.370**

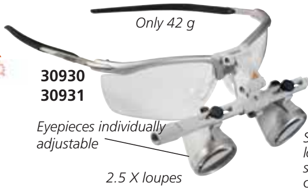
**• 30887 HEINE BINOCULAR LOUPE 2.5X-420 mm - J.000.31.371**

**• 30888 P2 POLARIZATION FILTER FOR ML4 AND 2.5X LOUPES - J.000.31.326**

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Power supply: | mPack® Rechargeable Battery Pack with Li-ion battery and direct mains transformer |
| Illumination: | 50,000 lux at a working distance of 250 mm |
| LED operating life: | 50,000 hours |
| Spot adjustment: | 30 mm to 80 mm illuminated field diameter (at 420 mm) |
| Colour temperature: | 4,500°K Made in Germany |

# HEINE BINOCULAR LOUPES



30930
30931

*Eyepieces individually adjustable*

*2.5 X loupes*

*Set content: optics, S-frame with i-View loupe mount, detachable protective lenses, 2 sterilizable swivel levers, retaining cord, cleaning fluid, carrying case.*

**HEINE® S-FRAME® WITH BINOCULAR LOUPES**

- **Achromatic optics:** crisp, bright image with colour-correction.
- **Multi-coated, scratch-resistant silica glass lenses** - produce crisp, clear images. **High magnification with a large field of view and excellent depth of field.**
- **Water resistant**
- **Flexibility for precise adjustment**: indipendently adjustable Pupillary Distance controls ensure precise alignment of the optics, for a stereoscopy view.
- **i-View loupe mount**; provides any angle of view and the possibility flips up and down the optics to exclude or re-include the magnification during any procedure.
- **Different magnification and working distance.**

| GIMA code | BINOCULAR LOUPES | Magnification | Working distance | HEINE code |
|---|---|---|---|---|
| **30930** | Heine binocular loupes | 2.5X | 340 mm | C-000.32.355 |
| **30931** | Heine binocular loupes | 2.5X | 420 mm | C-000.32.356 |
| **30932** | Heine binocular loupes | 4X | 340 mm | C-000.32.431 |

**• 30888 P2 POLARIZATION FILTER FOR ML4 AND 2.5X LOUPES - J.000.31.326**

**• 30935 HEINE LED LOUPELIGHT with mPack® LL and plug-in transformer - C-008.32.264**

HEINE LED in HQ (50,000 lux at 250 mm, 4,500 k, CRI>90, R9 > 75) provides the best coaxial, intense, accurate and homogeneous LED illumination. 17 hours continuous ON time at full power with mPack LL. LED Thermal Management ensures consistent quality and performance of the illumination throughout the LED's lifetime rating of up to 50,000 hours.

**30935**
*For use with S-frame binocular loupes*

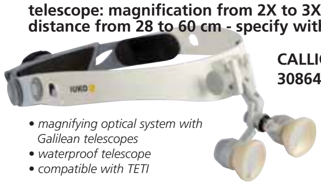
# IUKO VISION MODULAR SYSTEM

## GALILEAN TELESCOPES

**• 30864 CALLIOPE - Galilean telescope 3X - dental (working distance 35 cm)**

**• 30865 CALLIOPE - Galilean telescope 3X - surgical (working distance 45 cm)**

**• 30866 CALLIOPE - Personalized Galilean telescope: magnification from 2X to 3X, working distance from 28 to 60 cm - specify with order**



**CALLIOPE 30864/5/6**

- *magnifying optical system with Galilean telescopes*
- *waterproof telescope*
- *compatible with TETI*

## TELESCOPE + PROJECTOR

**• 30870 NIKE - Galilean telescope 3X (35 cm) + projector**

**• 30871 NIKE - Galilean telescope 3X (45 cm) + projector**

**• 30876 BATTERY PACK - spare**

**NIKE 30870/1**

*This system includes Galilean telescope (CALLIOPE) and LED light projector (IRIDE)*
*Compatible with TETI, see page 16*

**30870/1**

## ADJUSTABLE PROJECTOR

**• 30867 IRIDE - LED light projector**

**• 30876 BATTERY PACK - spare**

*Iride is supplied with a compact, light, rechargeable power bank (battery), a 15 cm cable for use on head band and one 1 m cable for use from pocket*

**IRIDE 30867**

**30867**

- *adjustable LED light projector*
- *adjustable brightness intensity (10,000 and 40,000 lux at 25 cm, autonomy 6 and 4 hours)*
- *6,500°K temperature*
- *autonomy 4 hours at maximum power*
- *battery pack placeable on the head band*
- *compatible with TETI, see page 16*

## SHIELD + TELESCOPE and/or PROJECTOR

**• 30860 TETI - protective shield (2 shields included)**

**• 30875 SET OF 5 TRANSPARENT FACE SHIELDS - spare**

**TETI 30860**

*You can create beside system adding protective shield (TETI) to telescope+projector (NIKE) to telescope (CALLIOPE) or to projector (IRIDE)*

**30870/1+ 30860**

# PENTALED 63N THEATRE LIGHTS

63N 160,000 LUX

RIMSA

**PENTALED 63N**

Pentaled 63N is a high-tech product designed to guarantee excellent performance levels. PENTALED 63N has 72 elliptical reflectors split into 8 modules, each containing 9 LEDs. The modules are mechanically focused by rotating the sterilizable handle. The multiplicity of the luminous sources and the elliptical geometry of the parabolas studied to reflect in the depth the light beams generated by the LEDs, grant scialytic light for a threedimensional illumination without shadows.

**Comfortable use**

Thanks to the principle of indirect light, the lamp oriented towards different positions does not dazzle the surgeon and the assistants.
The size of the lit field is adjusted mechanically through handle according to the light required by the surgeon.

**Superior lighting features**

Membrane keyboard activates the following functions:
- selection of the colour temperature 5,000°K and 4,500°K
- adjustment of the light intensity up to 160 Klx
- on/off
- endoled light with colour selection (comfortable light for endoscopy intervention)

The colour temperature of 5,000°K stimulates the surgeons' concentration, does not strain their sight, reproduces the colour of the tissues faithfully and increases the definition of the edges.

**Reliable and long lasting performances**

The modular construction of the electronic board that feeds the LEDs guarantees continuous light, even in the unlikely event that a LED or board component should fail. The lighting body is protected by tempered glass screen, covered by a special film avoiding any fallen down splinters in case of break.

**Easy manoeuvrability**

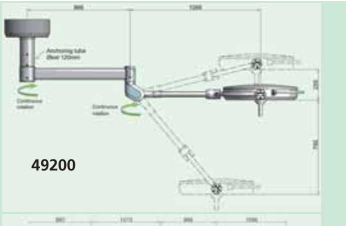
The reduced dimensions and the light reflector provide extreme manoeuvrability and stability. Smooth 360° rotation. The extremely light structure, the aluminium treated bar attached to the upper front of the cupola, the ultra-thin dome (only 13 cm) allow simple movements.

**Battery group, TVCC camera, monitor holding camera on request**

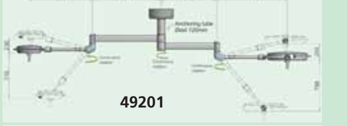
Every lamp can be supplied with an emergency battery group with automatic charger (hours autonomy: 2.5 (49200), 2.5 (49201), 2 (49202)), TVCC camera or monitor holding arm.

**Full certification**

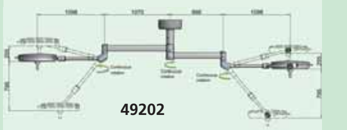
Complies with European Directives 93/42/EEC and 2007/47/EC 'Class I - Medical Device' CE marking. Made in Italy.



49200



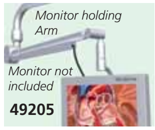
49201



49202

| GIMA code | PENTALED 63N THEATRE LIGHTS - CEILING* |
|---|---|
| **49200** | PENTALED 63N - 160,000 LUX |
| **49201** | PENTALED 63N+30N double - 320,000 LUX - compact |
| **49202** | PENTALED 63N+63N double - 320,000 LUX - plus |
| | *Ceiling >3.80 m needs 49220 |
| | **ACCESSORIES** |
| **30738** | Autoclavable handle - spare |
| **49205** | Monitor holding arm - stand alone |
| **49206** | IR remote control - single lamps |
| **49207** | IR remote control - double lamp |
| | **ACCESSORIES TO BE ORDERED WITH LIGHT** |
| **49210** | Battery group with automatic charger for 63N |
| **49211** | Battery group with automatic charger for 63N+30N |
| **49212** | Battery group with automatic charger for 63N+63N |
| **49213** | STD TVCC camera for 63N - including lamp setup |
| **49214** | HD TVCC camera for 63N - including lamp setup |
| **49215** | Monitor holding arm - integrated with lamp |
| **49220** | Special structure for high ceiling (>3.8 m) |

**49213-4** *TVCC camera*



*Monitor holding Arm*

*Monitor not included*

**49205**

**TECHNICAL SPECIFICATIONS**

| | | | 63N | 30N |
|---|---|---|---|---|
| Performance | Light intensity at 1 m distance (Ec) | klx | 160 | 160 |
| | Colour temperature: double selection | °K | 4,500/5,000 | 4,500/5,000 |
| | Colour rendering index (CRI) | Ra | 96 | 96 |
| | Light field diameter adjustable from/to | cm | 21-42 | 18-30 |
| | Total radiated energy Ee where the illumination reaches max level | W/m² | 543 | 543 |
| | Number of LED | | 72 | 30 |
| | Diameter and focus adjustment | | manual | manual |
| | Depth of illumination IEC 60601-0-41 L1+L2 at 60% | cm | 46 | 55 |
| | Depth of illumination IEC 60601-0-41 L1+L2 at 20% | cm | 108 | 115 |
| | Control of illuminance | % | 25-100 | 25-100 |
| | Endo LED light intensity min-max | klx | 5-20 | 9-25 |
| Electrical data | Operating power (VAC) | V | 100-240 | 100-240 |
| | Operating power Vdc | V | 24 | 24 |
| | Electrical absorbed power | VA | 145 | 70 |
| | Frequency | Hz | 50/60 | 50/60 |
| | Average LED life | h | 50,000 | 50,000 |
| General data | Colour | RAL | 9003 | 9003 |
| | Minimum height of the room | cm | 260 | 260 |
| | Outer reflector diameter | cm | 63 | 40 |
| | Useful lighting surface | cm² | 1710 | 712 |
| | Weight | kg | 45 | 35 |

63N+30N 320,000 LUX (160,000+160,000 LUX)

*Shadowless compact*

**49201**

63N+63N 320,000 LUX (160,000+160,000 LUX)

*Shadowless plus*

**49202**

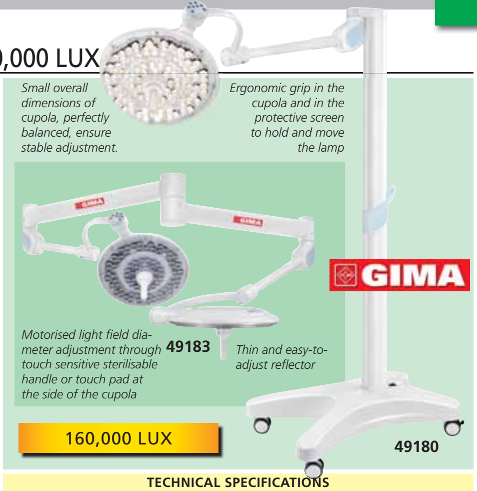
# GIMALED O.T. LED LIGHTS - 160,000 LUX

GimaLed light with **81 Led:** sophisticated design which combines excellent lighting features with exceptional mechanical characteristics for extra soft movement.
**Deep light:** 27 inner fixed Leds for central illumination and 54 Leds (six modules of nine Leds each) moved by servo-motor, allow surgeon to adjust light field diameter.
**Shadowless light:** 81 Leds arranged on a round surface grant the best light emitting surface and avoid any shadow effect caused by any interposition between light beams and lighted surface.
**Bright light:** two colour selections, 4,000K and 4,600K, made of white Leds only, no coloured shadow effect. Light intensity of 160,000 Lux.

**Major features**
- collimated light beams for a working distance from 70 to 160 cm
- high colour rendering index (CRI) 95, R9 >90
- optimisation of LED thermal management by heat dissipation convection to avoid illuminance reduction during surgery
- PMMA optical lenses and polycarbonate protective screen
- Zener to grant light in case of even one Led failure
- reduced consumption, high efficiency
- optional pre-wired system for Wi-Fi HD camera

| GIMA code | GIMALED |
|---|---|
| **49180** | GimaLed-mobile |
| **49181** | GimaLed-mobile with battery group and automatic charger |
| **49182** | GimaLed - ceiling* |
| **49183** | GimaLed - ceiling* - double |
| **49197** | Autoclavable handle |
| **49205** | Monitor holding arm - stand alone |
| **49220** | Special structure for high ceiling (>3.8 m) |
| **49185** | GimaLed wall remote control |
| **49186** | Set up kit for HD Wi-Fi camera** |
| **49187** | HD Wi-Fi camera - need 49186 |
|  | Battery group available on request for all models |

*Ceiling >3.80 m needs 49220 **Installation must be done by Gima at the order


*Small overall dimensions of cupola, perfectly balanced, ensure stable adjustment.*

*Ergonomic grip in the cupola and in the protective screen to hold and move the lamp*

*Motorised light field diameter adjustment through touch sensitive sterilisable handle or touch pad at the side of the cupola*

**49183**

*Thin and easy-to-adjust reflector*

160,000 LUX

**49180**

### TECHNICAL SPECIFICATIONS

| | |
|---|---|
| Light intensity at 1 m distance (Ec) | Klx 160 |
| 2 Colour temperature - switchable | °K 4,000 and 4,600 |
| Colour rendering index (CRI) | Ra 95 |
| Light field Ø (adjustable) | 11-35 cm |
| Light field Ø where illuminance reaches 10% of Ec (d10) | 260 mm |
| Light field Ø where illuminance reaches 50% of Ec | 150 mm |
| Total radiated energy Ee where illumination reaches max level | 556 W/m² |
| Average LED life | hours 50,000 |
| Power supply: | 100-240 V - 50-60 Hz - 61-71 W |
| Regulations: | IEC 60601-2-41 - 93/42/EEC |
| Made in Italy | |

# PENTALED 30E SURGERY LAMP 160,000 LUX

**LED LIGHT INNOVATIVE TECHNOLOGY**

A compact size hi-tech product that guarantees great performance levels. It has 30 elliptical reflectors split into 6 modules each containing 5 LEDs, providing 160,000 LUX
**- selectable 4,500 °K - 5,000 °K**. By simply pressing the digital key, the surgeon can choose two different white light temperatures
**- E-view**. Innovative lens allows the surgeon to expand/narrow the illuminated operating field electronically, without altering intensity of light.
**- E-comfort**. The indirect LED's creates 3D shadowless illumination of the operating field, no risk of dazzling
**- E-white**. Only white LED's to avoid risk of perception of colour temperature variations or coloured shadows
**- E-deep**. Centre of light is fitted with extra LEDs module specifically designed to reflect deep light. This means that surgeon can work with perfect 3D lighting.
**Battery and high definition camera on request.** Optional battery group with automatic charger (4 hours autonomy) and high definition integrated camera (for ceiling and wall models only).

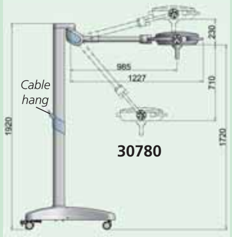
| GIMA code | PENTALED 30E |
|---|---|
| **30780** | Pentaled-mobile |
| **30779** | Pentaled-mobile with battery group and automatic charger |
| **30781** | Pentaled - wall |
| **30782** | Pentaled - ceiling* |
| **30783** | Pentaled - ceiling* - double |
| **30785** | Autoclavable handle - up to serial number 12071 |
| **30738** | Autoclavable handle - since serial number 12072 |
| **49205** | Monitor holding arm - stand alone |
| **49220** | Special structure for high ceiling (>3.8 m) |
|  | Battery group available on request for all models |

*Ceiling >3.80 m needs 49220

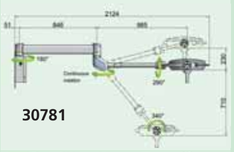
*An aluminium ring runs around the dome for easier positioning*

**30783**

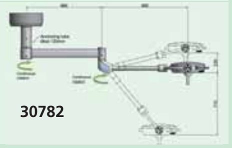
*Aluminium structure tested for over 40,000 movements*



**30780**



**30781**



**30782**

### TECHNICAL SPECIFICATIONS

| | |
|---|---|
| Adjustable light intensity at 1 m distance (Ec) | Klx 160 |
| Colour temperature - switchable | °K 4,500 to 5,000 |
| Colour rendering index (CRI) | Ra 96 |
| Light field (electronically adjustable) | 16-30 cm |
| Light field Ø where illuminance reaches 10% of Ec (d10) | mm 160 |
| Light field Ø where illuminance reaches 50% of Ec | mm 80 |

| | |
|---|---|
| Total radiated energy Ee where illumination reaches max level | W/m² 540 |
| Average LED life | hours 50,000 |
| Power supply: | 100-240 V - 50-60 Hz - 70 VA |
| Regulations: | IEC 60601-2-41 - 2007/47/EC |
| Made in Italy | |

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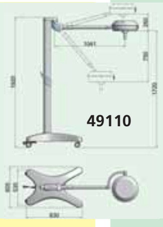
# TRIS LED LIGHTS - 130,000 LUX

**SHADOWLESS THEATRE LED LIGHT**

Shadowless lamp with exceptional technical performance and flexibility of use. Suggested for small surgery, gynaecological and first aid surgeries. Cupola with four inner modules, each with 7 LEDs (total of 28 LEDs) displayed in a radial layout with lenses allowing shadowless and deep light.
LEDs modules guarantee continuous light, even in the unlikely event that a LED should fail. Extremely easy to handle and stable in position. Focusing and adjusting the diameter of the illuminated area takes place by rotating the sterilizable handle at the centre of the reflector.
**Battery group with charger:** 4 hours autonomy, 6 hours recharging.

### TECHNICAL SPECIFICATIONS

Light intensity: 130,000 lux at 1 m distance
Diameter of the reflector: 40 cm
Adjustable diameter of illuminated field: 26-38 cm
Depth of illumination IEC 60601-2-41 (L1+L2) at 20%: 148 cm
Depth of illumination IEC 60601-2-41 (L1+L2) at 60%: 82 cm
28 LEDs - life 50,000 hours
Colour temperature: 4,300° K ± 5%
CRI 96 (Chromatic Rendering Index)
Power supply: 100-240V - 50/60 Hz - 70 VA
Total radiated energy Ec 460 W/m²
Weight (ceiling, mobile, wall) kg: 35 - 32 - 27
Minimum height of the room (ceiling version): 260 cm
Norms: IEC 60601-1, IEC 60601-2-41 - MDD 93/42/EEC
Made in Italy Warranty: 12 months
mechanical components warranty: 10 years



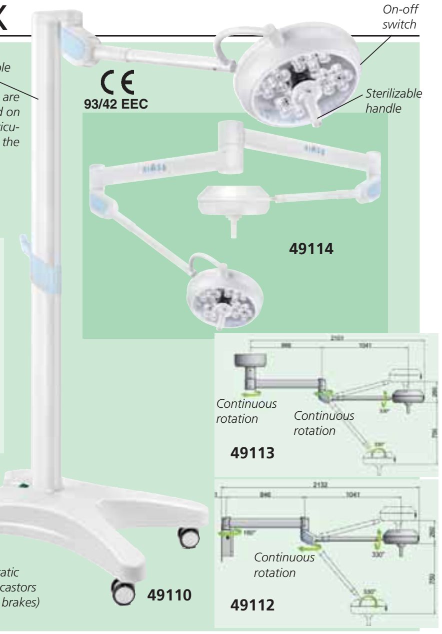
**49110**

| GIMA code | TRIS SCIALYTIC LED LIGHTS |
|---|---|
| **49110** | Scialytic light - mobile stand |
| **49111** | Scialytic light - mobile with battery group and automatic charger |
| **49112** | Scialytic light - wall |
| **49113** | Scialytic light - ceiling** |
| **49114** | Scialytic light double - ceiling** |
| **49220** | Special structure for ceiling >3.80 m |
| **30738** | Spare autoclavable handle - for scialytic 3 bulbs |
|  | Battery group available on request for all models* |

*to be ordered with light **Ceiling >3.80 m needs 49220

*Adjustable friction bearings are mounted on every articulation of the lamp.*

CE 93/42 EEC


*On-off switch*

*Sterilizable handle*

**49114**

*Continuous rotation*

*Continuous rotation*

**49113**

*Continuous rotation*

*4 antistatic rubber castors (2 with brakes)*

**49110**

**49112**

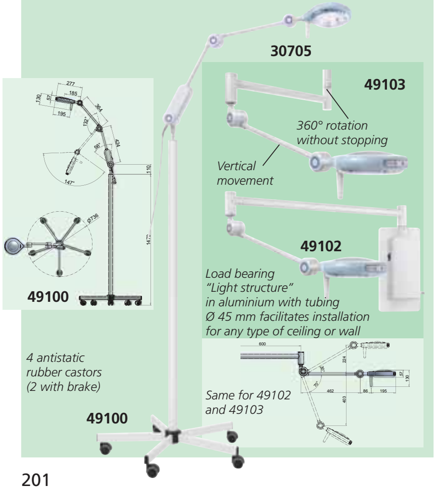
# SATURNO LED LIGHTS - 30,000 LUX

*Autoclavable handle*

**SATURNO LED MINOR SURGERY LAMP**

SATURNO is a shadow-less type lamp suitable for small surgery, gynaecology and examination.
Available in three versions: mobile with castors, wall and ceiling.
- light beams are generated from 9 LEDs - 2.5 W each
- heat is dissipated through aluminium cover reflector
- selection of 2 different white light temperatures: 5,000 °K and 4,500 °K
- light intensity adjustable at 6 different levels through front digital panel
- luminous intensity 30,000 LUX at 1 m. Diameter of illuminated field 28 cm
- adjustable friction bearing are mounted on every articulation of the lamp
- thanks to optical concept, no need to be focus adjusted

**Battery group with charger:** 4 hours autonomy, 6 hours recharging.


**30705**

**49103**

*360° rotation without stopping*

*Vertical movement*

**49102**

*Load bearing "Light structure" in aluminium with tubing Ø 45 mm facilitates installation for any type of ceiling or wall*

**49100**

*Same for 49102 and 49103*

*4 antistatic rubber castors (2 with brake)*

**49100**

### TECHNICAL SPECIFICATIONS

| | | |
|---|---|---|
| Light intensity at 1 m distance | Lux | 30,000 |
| Colour temperature adjustable | K° | 4,500/5,000 ± 5% |
| 9 LEDs | W | 2.5 each |
| Average LED life | hours | 50,000 |
| CRI (chromatic rendering Index) | Ra | 96 |
| Diameter of illuminated field | Ø cm | 28 |
| Depth of illumination IEC 60601-2-41 (L1+L2) at 20% of Ec | cm | 228 |
| Depth of illumination IEC 60601-2-41 (L1+L2) at 60% of Ec | cm | 136 |
| Total radiated energy Ec | W/m² | 105 |
| Diameter of the reflector | cm | 19.5 |
| Useful lighting surface of the cupola | cm² | 65 |
| Weight (ceiling, mobile, wall) | kg | 12 - 14 - 13 |
| Power requirements | V, Hz | 100-240, 50-60 |
| Minimum height of the room (ceiling version) | cm | 244 |

Standards: IEC 60601-1 IEC 60601-2-41, MDD 93/42 CEE, medical device of Class I
Warranty 12 months - mechanical components warranty 10 years Made in Italy

| GIMA code | SATURNO LED LIGHTS |
|---|---|
| **49100** | Saturno LED light - mobile stand |
| **49101** | Saturno LED light - mobile stand with battery group |
| **49102** | Saturno LED light - wall |
| **49103** | Saturno LED light - ceiling* |
| **49105** | Special structure for high ceiling (>3.20 m) |
| **30797** | Spare autoclavable handle for Saturno |
|  | Battery group with automatic charger available on request for all models (to be installed at order) |

*Ceiling >3.20 m needs 49105

## PENTALED 12 - 100,000* LUX, PENTALED 28 - 120,000 LUX

The 2 opposite handles allow to direct the light from every position

Digital control for light intensity adjustment with visual signal of intensity set up

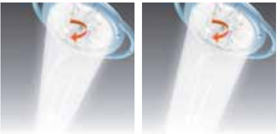
### Pentaled 12

- **100,000* Lux at 1 m**
- **indirect light** with 12 elliptic reflectors. They reflect the light rays emitted by the LEDs. Does not dazzle and does not strain eyes.

*Since January 2018. 70,000 Lux up to December 2017

### Pentaled 28

- **120,000 Lux at 1 m**
- **direct light** with 28 LED lens
- **double colour selection:** 4,500 or 5,000 K
- **light field adjustment**



Light field adjustment for PENTALED 28

**PENTALED**

PENTALED is a perfect combination of technological developments, innovation, ergonomy and compact design, ultra-light and handy structure.
Five versions available (trolley, ceiling, ceiling double, trolley with battery group and wall) and technical performances make PENTALED suitable for precision operations, diagnostic use, surgical rooms and small surgeries.
Battery group, with an autonomy of 3 hours, is available on request also for wall and ceiling models.

**Cold LED light**

Bright and cold light reproduces colours faithfully, assuring excellent definition of details.

**Ergonomic**

PENTALED can be easily positioned by rotation on 4 axes:
- the dome has a full-circle 360° rotation
- the arm moves vertically thanks to a spring balancing system
- the reflector can be rotated on the vertical and horizontal axis.

Movements are possible through the sterilizable handle.

**50,000 hours life time**

The low power supply current and the heat dispersion through aluminium dome allow the LED a 50,000 hours lifetime.

**Light intensity adjustment**

Light intensity adjustable through digital control

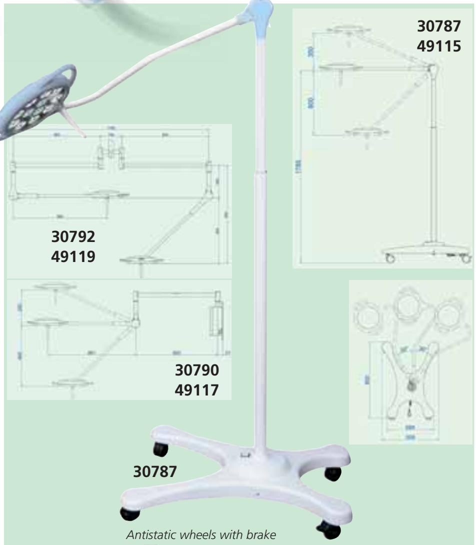
The ultra-flat lighting body is equipped with ultra-resistant polycarbonate screen which guarantees protection against accidental collisions.

The dome can be adjusted by the sterilizable handle

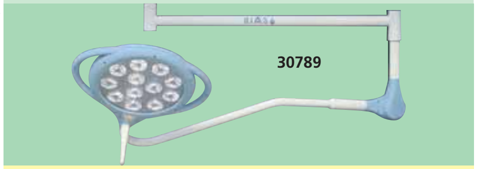
| GIMA code | PENTALED 12 LEDS |
|---|---|
| **30787** | Pentaled 12 - trolley |
| **30789** | Pentaled 12 - ceiling* (for ceiling 2.57 to 3.33 m) |
| **30790** | Pentaled 12 - wall |
| **30791** | Pentaled 12 - trolley with battery group and automatic charger |
| **30792** | Pentaled 12+12 - ceiling* double |
| **30788** | Special structure for ceiling > 3.34 m |
| **30793** | Autoclavable handle - spare |

| GIMA code | PENTALED 28 LEDS |
|---|---|
| **49115** | Pentaled 28 - trolley |
| **49116** | Pentaled 28 - ceiling* (for ceiling from 2.57 to 3.33 m) |
| **49117** | Pentaled 28 - wall |
| **49118** | Pentaled 28 - trolley with battery group and automatic charger |
| **49119** | Pentaled 28+28 - ceiling* double |
| **30788** | Special structure for ceiling > 3.34 m |
| **30793** | Autoclavable handle - spare |

*Ceiling >3.34 m needs 30788



Antistatic wheels with brake



**TECHNICAL SPECIFICATIONS**

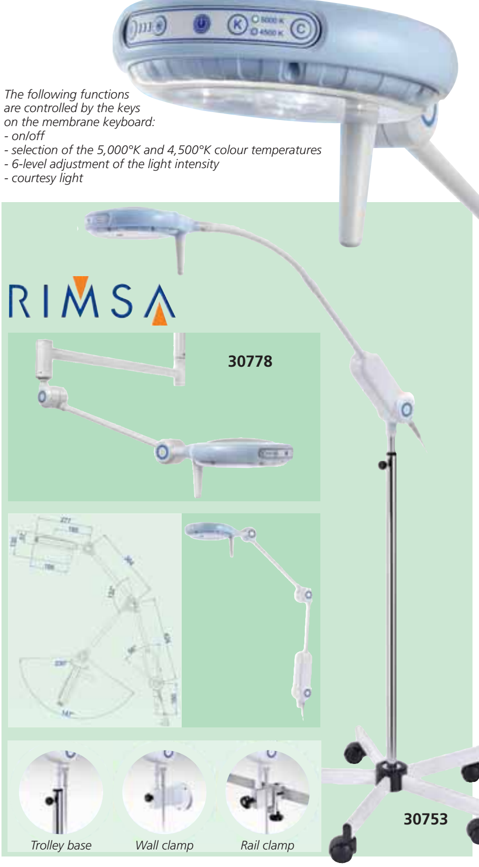
| | | PENTALED 12 | PENTALED 28 |
|---|---|---|---|
| Light intensity at 1 m distance | Lux | 100,000 | 120,000 |
| Colour temperature | K° | 4,500 | 4,500/5,000 |
| LED | No. | 12 | 28 |
| Average LED life | hours | 50,000 | 50,000 |
| CRI (Chromatic rendering Index) | Ra | 96 | 92 (5,000K)<br>96 (4,500K) |
| Diameter of illuminated filed | Ø mm | 160 | 135-270 |
| Depth of illumination (L1+L2) at 60% | cm | 87 | 58 |
| Total radiated energy Ec | W/m² | 350 | 404 |
| Weight (ceiling, mobile, wall, double) | kg | 18-13-12-20 | |
| Power supply | V/Hz | 100-230V, 50-60Hz | |

Standards: IEC 60601-2-41, 2007/47/EEC, medical device of Class I

## PRIMALED COLD LIGHT LAMP - 80,000 LUX AT 50 cm

**PRIMALED COLD LIGHT LAMP WITH 9 LED LENSES**

Appealing design and advanced technology.
**Design:** the round and ultra-flat shape of the light makes the product ergonomic and suitable for any type of installation, from the doctor's surgery to the intensive-care unit.
**Ergo-Spring:** the movement of the articulated tubular arm is servo-assisted by a torsion spring which ensures ease of movement and stability.
**80,000 lux:** unique performance with 80,000 lux at 50 cm.
**Light intensity adjustment:** six different adjustment levels by the keys on the frontal panel.
**4,500-5,000 °K Colour temperature selection:** the comparison between the two colours (K) increases the visibility of details.
**Shadow suppression:** the radial layout of the lenses and the large-diameter lamp (195 mm) allow shadow suppression and three-dimensional lighting.
**Adjustable courtesy-light:** integrates ambient light with traditional concentrated light.
**Sterilizable removable grip:** allows best asepsis.
**Cold light:** the reduced emission of IR rays by the LEDs as well as the low power consumption allow minimum heat emission.
**Disinfection:** the smooth and rounded shape of the dome and structure make it easy to clean and disinfect.
**50,000 hours LEDs life:** the top aluminium dome allows heat exchange, thus reducing the work temperature and considerably increasing the life cycle of the single LEDs.
**Fully certified:** complies with IEC 60601-1 and 60601-1-2 general medical standards and to special standard IEC 60601-2-41 93/42 EEC and 2007/47 EC and is CE marked as a Class I medical device.
**Mechanical testing and user safety:** die-cast aluminium and tubular steel structure. The articulated arm has undergone mechanical testing for 40,000 continuous movements to ensure maximum safety for the user during use.
**Light continuity:** the modular design of the LED power circuit ensures light continuity even in case of a LED fault.



*The following functions are controlled by the keys on the membrane keyboard:*
*- on/off*
*- selection of the 5,000°K and 4,500°K colour temperatures*
*- 6-level adjustment of the light intensity*
*- courtesy light*

Trolley base
Wall clamp
Rail clamp

| GIMA code | PRIMALED |
|---|---|
| **30777** | Primaled light - trolley |
| **30753** | Primaled flex light - trolley |
| **30778** | Primaled light - ceiling* (for ceiling 2.44 to 3.20 m) |
| **49105** | Special structure for high ceiling (>3.20 m) |
| **30784** | Primaled light - wall |
| **30786** | Primaled light - rail (25x10) and clamp |
| **30797** | Autoclavable handle |
| | Battery group available on request |

*Ceiling >3.20 m needs 49105

**TECHNICAL SPECIFICATIONS**

LED life: 50,000 hours
Light intensity: 80,000 lux at 50 cm, 20,000 lux at 1 m
Colour temperature: 4,500-5,000 °K	Colour rendering index: 95 Ra
Illuminated field at 50 cm: Ø 140 mm
External diameter of the reflector: 190 mm
Temperature increase in the operating area at 1 m: 1°C
Adjustable height with castors: 600 mm - max 1,600 mm
Power supply: 80-240V - 50/60 Hz	Electric absorption: 21VA
Weight: 10 kg (trolley included)	Made in Italy

## RI-MAGIC® HP LED LIGHT

- **49050 RI-MAGIC® HP LED - desk**
- **49051 RI-MAGIC® HP LED - trolley**
- **49052 RI-MAGIC® HP LED - wall**

High performance medical LED light for examination and procedures.
- high performance LED, 6,500 °K
- lifetime of the lamp up to 50,000 hours
- significantly reduced heating and energy loss
- focusing device at the front of the light head
- highly flexible, long special arm can be bent in all directions
- rheostat handle for infinitely variable regulation of light intensity.

Manual in: GB, FR, IT, ES, DE, RU.
Made in Germany.

*Sturdy mobile base made of fiber glass and chrome plated pole.*

*Low friction antistatic castors with brake*

*Ø 53 cm mobile base*

**TECHNICAL SPECIFICATIONS**

| Distance: | 1,000 mm | 800 mm | 600 mm | 400 mm | 200 mm |
|---|---|---|---|---|---|
| Lux max: | 15,000 | 20,000 | 30,000 | 45,000 | 55,000 |
| Circle of light max Ø: | 340 mm | 270 mm | 215 mm | 155 mm | 90 mm |
| Circle of light min Ø: | 40 mm | 35 mm | 30 mm | 25 mm | 20 mm |
| Operating voltage: | 100-240 V, | 50-60 Hz | | | |

## MONOLED LED LIGHT

- **30715 MONOLED LED LIGHT - on trolley**

High performance LED light for minor surgery and examination.
Flexible arm and versatile use.
Arm lenght 70 cm (35 cm flexible, 35 cm rigid).
Supplied on sturdy 5 castors stand for easy movability. Schuko plug.
Made in Italy.

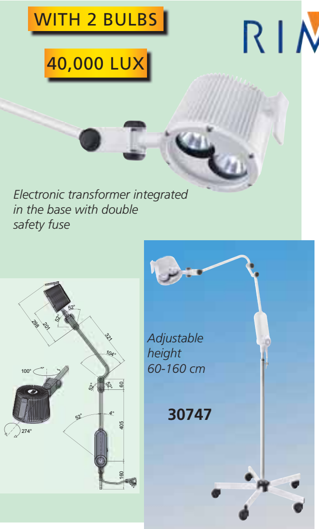
CE
93/42

40,000 LUX

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Consumption: | 16 W |
| Life of the bulbs: | 30,000 hours |
| Light intensity at 50 cm: | 40,000 lux |
| Colour temperature ± 5% at 1 m: | 7,000 °K |
| External Ø of the reflector: | 120 mm |
| Colour: | cold white |
| Weight | 11 kg |
| Operating voltage | 175-250 V |
| Operating Hz | 50/60 Hz |
| Norms | IEC 60601-1 |

## HALOGEN AND LED LIGHTS FOR EXAMINATION AND MINOR SURGERY

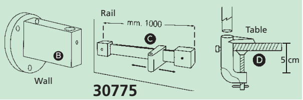


Electronic transformer integrated in the base with double safety fuse

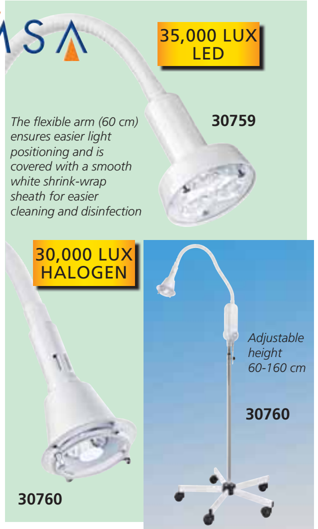
- **30747 SOLESUD 2 on trolley - halogen**
- **30748 SOLESUD 2 wall - halogen Ⓑ**

Suitable for gynaecology, examination and head-bed. Aluminium reflector equipped with 2 halogen dichroic bulbs, 20W 12V 10° IRC protected by a tempered glass, hermetically sealed against dirt and fluid spray and with ergonomic handle for movement. Bulbs switch on simultaneously and, in case one breaks, light is always assured. Arm movement servo-assisted by a torsion spring provides lightweight movement and stability of position. A light beam of 180 mm diameter at a distance of 50 cm allows precise and reliable examinations. Base with 5 rotary spokes, 900 mm high. 3 Pin British Plug available on request. Made in Italy.

- **30769 SPARE TROLLEY - base Ø 61 cm**
- **30775 RAIL CONNECTION WITH CLAMP**
- **30764 SPARE BULB SOLESUD 2 - 20 W**



30775



The flexible arm (60 cm) ensures easier light positioning and is covered with a smooth white shrink-wrap sheath for easier cleaning and disinfection

- **30760 SIMPLEX on trolley - halogen**
- **30761 SIMPLEX wall Ⓑ - halogen**
- **30762 SIMPLEX table with clamp Ⓓ**
- **30763 SIMPLEX rail Ⓒ - halogen**

Versatile lamp equipped with a halogen dichroic bulb 35W 12V placed inside the aluminium reflector and protected by a tempered glass.
Electronic transformer integrated in the base with lead retainer with spiral protection and bipolar light switch with green indicator light.
Ceramic fuse offers extra protection.

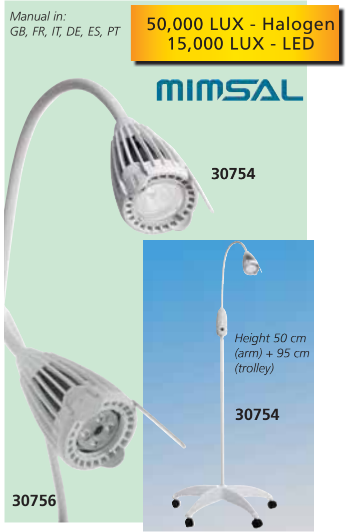
- **30759 SIMPLEX on trolley - LED**
- **30749 SIMPLEX wall Ⓑ - LED**
- **30752 SIMPLEX table with clamp Ⓓ - LED**

Thanks to 3 independent light sources shadow can be reduced and provide a deep cylindrical light with highly reduced heat irradiation. Each LED integrates a resistance to ensure the continuous operation of the lamp even in the rare case of a LED fault. Other specifications as halogen model. Made in Italy.

- **30766 SPARE BULB SIMPLEX - IRC 35 W**
- **30768 SPARE TROLLEY - base Ø 62 cm**
- **30775 RAIL CONNECTION WITH CLAMP**

| **Model** | **SOLESUD 2** | **SIMPLEX** | | **LUXIFLEX** | | **MINIMED 2** | |
|---|---|---|---|---|---|---|---|
| Type of lighting | halogen | halogen | LED | halogen | LED | halogen | LED |
| Consumption (Watt) | 2x20 | 35 | 3x1.4 | 35 | 10 | 50 | 7 |
| Life of the bulbs (hours) | 5,000 | 5,000 | 50,000 | 5,000 | 25,000 | 7,000 | 30,000 |
| Light intensity at 50 cm (lux) | 40,000 | 30,000 | 35,000 | 50,000 | 15,000 | 37,000 | 20,000 |
| Light intensity at 1 m (lux) | 8,000 | 8,000 | 13,000 | - | - | - | - |
| Colour temperature ± 5% at 1 m (K) | 3,000 | 3,000 | 4,200 | 4,000 | 3,000 | 3,100 | 7,000 |
| Light field size at 50 cm (Ø mm) | 180 | 100 | 140 | | | | |
| External Ø of the reflector (mm) | 140 | 105 | 86 | | | 60 | 60 |
| Colour | white | white | white | white | white | cold white | cold white |
| Norms | IEC 60601-1 | IEC 598-2-25 | IEC 60601-1 | EN 60601-1-2 | | IEC 60601-1 | |
| Marks | CE 93/42 | CE 2006/95 | CE 93/42 | CE 93/42 | | CE 93/42 | CE 93/42 |
| Weight (kg) | 6 | 5 | 5 | | | 9 | 9 |
| Operating voltage V | 230 | 230 | 100-230 | 230 | | 230 | 190-265 |
| Operating Hz | 50/60 | | | 50 | | 50/60 | |
| Operating voltage on request V-Hz | | | | 110-60* | | - | |

*minimum 50 pcs.



Manual in: GB, FR, IT, DE, ES, PT

- **30754 LUXIFLEX on trolley - halogen**
- **30756 LUXIFLEX on trolley - LED**

Stylish and versatile light for examination and minor surgery procedures in health-centres, clinics and hospitals. Suitable also for veterinary examinations and procedures. Safe low voltage operation without infrared radiation. Electronic transformer lodged at the bottom of the lamp. Flexible arm and 5 castors trolley allow easy use and movability. Class II. Made in Europe.

- **30757 SPARE BULB LUXIFLEX - halogen**

4 hours on, 30 min off
3 pin plug

Continuous use
Schuko plug

Arm length 70 cm (35 cm flexible 35 cm rigid)

- **30712 MINIMED 2 ON TROLLEY - halogen**
- **30714 MINIMED 2 ON TROLLEY - 12 LED**

Low voltage and high definition, intense light. Flexible arm for versatile use. Supplied on a sturdy 5 castors stand for easy movability. Made in Italy.

- **30744 SPARE BULB - 50 W - halogen**

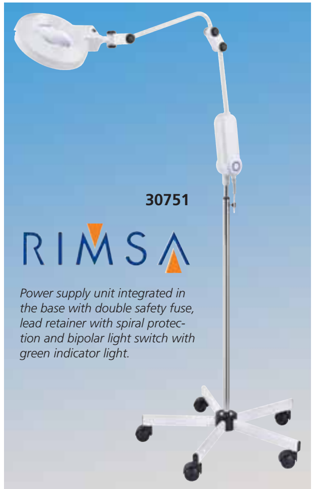
## MAGNIFYING FLUORESCENT COLD LIGHTS - 3 DIOPTRES

**GIMANORD**

Magnifying glass self-illuminating fluorescent cold light 3 dioptres (0.75X). Suggested for dermatology and whenever magnifying is required. It is equipped with a biconvex magnifying lens in optical glass Ø 120 mm.
The cold fluorescent light allows prolonged use.
Polycarbonate screen for protection of the light source.
Available also with wall support.
Medical device Class I.

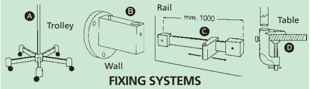
**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Type of lighting | fluorescent |
| Consumption | 22 W |
| Life of the bulbs | 6,000 hours |
| Light intensity at 50 cm | 550 lux |
| Colour temperature | 4,550 °K |
| External diameter of the reflector | 230 mm |
| Temperature increase at 1 m | 0 °C |
| Norms | IEC-60601-2-41 |
| Marks | CE 93/42 |
| Weight | 7 kg |
| Operating voltage V-Hz | 220-240 V, 50 Hz |
| Adjustment height with castors base: min-max | 60-180 cm |



Power supply unit integrated in the base with double safety fuse, lead retainer with spiral protection and bipolar light switch with green indicator light.

| GIMA code | MAGNIFYING LIGHTS |
|---|---|
| 30750 | GIMANORD desk model - with clamp |
| 30751 | GIMANORD on trolley |
| | **SPARES AND FIXING SYSTEMS** |
| 30767 | Spare fluorescent lamp - 22 W |
| 30771 | Spare plexiglass shield |
| 30769 | Trolley - spare (A) - base Ø 61 cm |
| 30774 | Wall connection (B) |
| 30775 | Rail connection with clamp (C) |
| 30776 | Table connection (D) |



**FIXING SYSTEMS**

On request we can supply all lamps with wall, table or rail (1,000 mm) connection

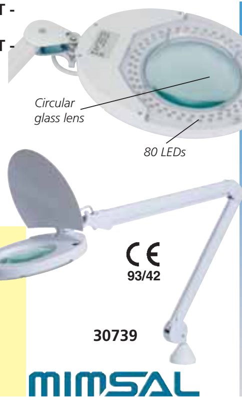
## LED MAGNIFYING LAMP - 5 DIOPTRES

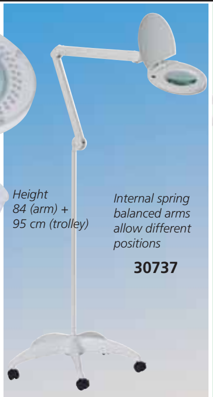
- **30737 LUPA LED MAGNIFYING LIGHT - trolley**
- **30739 LUPA LED MAGNIFYING LIGHT - desk with clamp**

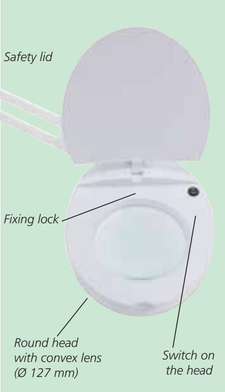
Smartly designed cold light LED lamp with 5-dioptres magnification.
Generates a light without shadow.
5 wheels base and articulated arm allow easy movement.
Manual in GB, FR, IT, ES, PT, DE.
Medical device Class I
Made in Europe.

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Type of light: | 80 LED - HF 8 W |
| Dioptres: | 5 |
| Lens: | Ø 12.7 cm |
| Colour temperature: | 6,500 °K |
| Operating voltage: | 230 V - 50 Hz |
| Class I | |
| Electrical security: | UNI EN 60601-1 (1990) |
| Electromagnetic compatibility: | EN 60601-1-2 (1993) |
| Lamp life: | 40,000 hours |




Height 84 (arm) + 95 cm (trolley)
Internal spring balanced arms allow different positions
30737



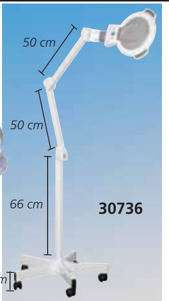
## LED MAGNIFYING LAMP - 3 DIOPTRES

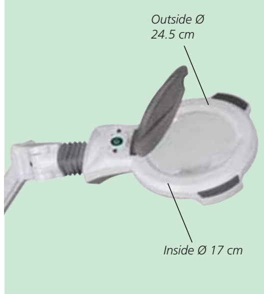
- **30736 DERMALED MAGNIFYING LAMP**

Cold light LED lamp with 3 dioptres magnifying lens and brightness adjustment.
It comes with a high stability 5 wheels base and an articulated arm for easy movement and fixing of the lamp.
Made in China.

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Type of light: | LED |
| Voltage: | 8 W |
| Dioptres: | 3 (large glass) |
| Colour temperature: | 8,000-9,000 °K |
| Light intensity at 20 cm: | 2,000 lux |
| Operating voltage: | 100-240 V - 50/60 Hz |
| Net/Gross weight: | 10-12 kg |





## VISTA WOOD BLUE LIGHTS: TROLLEY AND MANUAL

- **31196 VISTA WOOD LAMP - handle**
- **31197 VISTA WOOD LAMP - trolley**

A Wood lamp is a diagnostic tool to diagnose the condition of skin. Different skin conditions under ultraviolet rays of the Wood lamp appear in different colours. These models have polished glass magnifying lens 10x6 cm - 3 dioptres. 9W special compact fluorescent tube at approximately 360 nm wavelength. Operating voltage: 230 V - 50 Hz. Manual in GB, FR, IT, ES, PT, DE. Made in Spain.

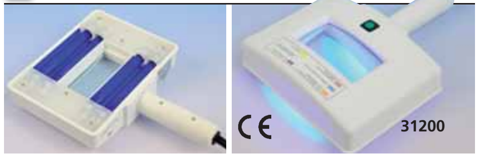
- **31201 FLUORESCENT TUBE 9W - spare for 31196-31197**

## MACRO LENS 12X

- **31155 SMARTPHONE MACRO LENS 12X**

Macro lens 12X for allergists, dermatologists, phlebologists, aesthetic surgeries. Can be mounted on any smartphone to take magnified images. Supplied with clip compatible with any smartphone, 10x10 cm wipe and multilanguage manual (GB, FR, IT, ES, PT, DE, PL, GR).

## ECONOMIC WOOD LAMP



- **31200 WOOD LAMP**

Ultraviolet light for skin condition analysis. Size 30x21x7 cm. Made in China.

- **31202 FLUORESCENT TUBE - spare**

## POCKET WOOD LIGHT

- **31189 POCKET WOOD LIGHT**

Pocket ultraviolet light, to detect skin disorders. Provided with replaceable fluorescent lamp. Power 6 V. Works with 4xAA batteries with 4-6 hours autonomy.

- **31190 FLUORESCENT TUBE - spare**

## DIGITAL Wi-Fi POLARISED DERMATOSCOPE, CAPILLAROSCOPE, MICROSCOPE

An innovative line of handheld colour digital microscopes: dermatoscope with polarized filter, capillaroscope and iridoscope with Wi-Fi wireless transmission.
Small, easy to operate light and portable.
They can be used with all the most popular smartphones, tablet and PC.

Basic software for acquisition of photos, videos, measurements google/apple applications included.
Designed in Italy, manufactured in China.
Directive 93/43/CEE - Medical device Class I (only 32181 and 32183).

*Professional software available for creation of patient database, image comparison and medical referts*

- **32181 Wi-Fi DERMATOSCOPE with polarized filter**
- **32182 PROFESSIONAL SOFTWARE for 32181**

**DERMATOSCOPE SPECIFICATIONS**

| | |
|---|---|
| Magnification: | 5X to 200X |
| Light source: | 8 adjustable white LED |
| Lens: | High definition microscopy lens |

- **32183 Wi-Fi CAPILLAROSCOPE**

**CAPILLAROSCOPE SPECIFICATIONS**

| | |
|---|---|
| Magnification: | 500X to 600X |
| Light source: | 8 adjustable white LED |
| Lens: | High definition microscopy lens |

- **32184 Wi-Fi MICROSCOPE**

Adviced for iris scanning

**MICROSCOPE SPECIFICATIONS**

| | |
|---|---|
| Magnification: | 30X |
| Light source: | 2 adjustable white LED+<br>2 adjustable yellow LED |
| Lens: | High definition microscopy lens |

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Operation system | Windows (XP and following), Mac (OSX 10.7 following), iOS, Android (it can be used by Wi-Fi or USB) |
| Photo and video resolution | 1.3 MPixels - 1280x1024 (MJPG), 640x480 (MJPG), 320x240 |
| Frame rate | 15 fps 1,280x1,024, 30 fps 640x480 320x240 |
| Wi-Fi wireless transmission distance | Up to 5 m |
| Power consumption | Max 2.5 W |
| Li-ion battery | Continuous working time - appx. 2 hours, full charging time - appx. 2 hours |
| Power source - Size - Weight | DC 5.0V / 1A - Ø 36x142 mm - 88 g |

**CAMERA**

| | |
|---|---|
| Camera sensor | CMOS 1/4" |
| Optical features | Exposure: Auto,<br>Gamma: Auto,<br>White balance: Auto,<br>Black reference: Auto |

**PROFESSIONAL SOFTWARE**
Operation system: Windows XP and next
Software language: GB, IT

**STANDARD ACCESSORIES**
Caps of contact (only for 32181)
USB AC adapter
USB cable
Quick manual
Plastic stand
Line calibration ruler
Manual (GB, FR, IT, ES, DE)
CD basic software Win (GB, IT, ES, DE, PT, RU, BG, TH, JP, KR), Mac (GB)

## HEINE DELTA 20® T LED$^{HQ}$ DERMATOSCOPES 10X - 16X

- **31165 HEINE DELTA 20® T LED$^{HQ}$ DERMATOSCOPE 2.5V for polarization and immersion - K-262.10.118**
- **31161 HEINE DELTA 20® T LED$^{HQ}$ DERMATOSCOPE 3.5V (Li-ion) for polarization and immersion with rechargeable handle for mains socket and USB cable - K-262.28.388**

**Precision HEINE Optics** - high quality, achromatic optical system provides unsurpassed sharpness and resolution. Focusing system provides from 10X to 16X magnification for detection of even the smallest details and structures.
**LED in HQ** - the new standard in LED illumination defining optimal light intensity, homogeneity and colour rendering for each individual examination - Colour temperature: 5.000 K, Colour Rendering Index (CRI) > 80 on a scale of 100. This ensures true tissue colour for the most accurate diagnosis.
**Toggle between polarised and non-polarised illumination modes** - conveniently alternate between two modes with the press of a button - no exchange of contact plates necessary. Allows recognition of the "Blink Sign" when observing crystalline structures and presence of milia cysts, increasing diagnostic function.
**Optional small contact plate** for difficult to access lesions.
**Digital documentation capabilities -** Heine SLR photo adapter allows to connect any Delta 20 dermatoscope to major brands of digital cameras.
**LED Thermal Management** - ensure long-term performance and product stability. Carefully selected and applied heat-diffusing materials guarantee up to 50.000 hours.

Supplied with hard case, dermatoscopy compendium, 10 ml oil.

- **31162 HEINE DELTA T LED DERMATOSCOPE HEAD with contact plate with graduated scale - K-008.34.221** (can be used with any Heine Beta handle). Supplied with compendium.
- **31179 SMALL CONTACT PLATE Ø 8 mm - K-000.34.205**
- **31171 SLR PHOTO ADAPTOR - for Canon**
- **31173 SLR PHOTO ADAPTOR - for Nikon**
- **31174 SLR PHOTO ADAPTOR - for Olympus**
- **31169 ADAPTOR CORD - 1.30 m**
- **31183 DERMATOLOGY OIL - box of 4 bottles of 12.5 ml**

## HEINE MINI 3000 DERMATOSCOPES

- **31184 HEINE MINI 3000 XENON-HALOGEN DERMATOSCOPE 10X - D-001.78.107**

Pocket dermatoscope with high-quality optics, 10X magnification with focusing optics, metal head.
**Xenon Halogen bulb.** Concentrated, bright light for uniform illumination with exact colour rendering.
**High quality colour-neutral optic system** with acromatic lenses, provides sharp images.
**Contact plate** without scale.
Supplied with dermoscopic compendium and oil.
Operates with AA batteries or rechargeable batteries (31693) + Mini 3000 NT charger (31692) not included.

- **31160 HEINE MINI 3000 LED$^{HQ}$ DERMATOSCOPE 10X - D-008-78-109** - same as 31184, with the addition of:

**High-performance bright and homogeneous LED illumination** with an excellent colour rendering (index >95). Colour temperature 4,000 K.
**Twice brighter light** compared to Xenon Halogen
**Maintenance free.**
**Fade-out function:** reduces illumination intensity with battery level to let you know when to replace.
**Up to 10 hours operation time.**

- **31692 HEINE MINI 3000 NT CHARGER - X-001.99.484**
- **31693 BATTERY+BASE - X-001.99.487 + X-001.99.488**

## HEINE NC1 LED DERMATOSCOPE

- **31158 HEINE NC1 LED$^{HQ}$ DERMATOSCOPE - D-008.78.132**

**LED thermal management** - LED illumination systems require thermal management. Carefully selected heat-diffusing materials guarantee consistent quality and performance for up to 50.000 hours.
**Aluminium frame** - more stability to the device for a long working life.
**Non-Contact Dermatoscope** - examining patients without touching the skin saves time and provides more professional distance between examiner and investigation area.
**Polarised Illumination** for detailed views of the crystalline and vascular structures. Allows examinations without contact liquids.
**Precision HEINE Optics with 6X magnification** - high-quality, aspherical optical system provides unsurpassed sharpness and resolution.
**LED in HQ** - optimal light intensity, homogeneity and colour rendering for each individual examination - Colour temperature: 5,000 K, Colour Rendering Index (CRI) 80, special index for red colours (R9) 35 on a maximum scale of 100. This ensures true tissue colour for the most accurate diagnosis.
**Optional Contact Plate with additional magnification** - adding the contact plate transforms NC1 in a contact dermoscopy, increasing magnification (9X) plus offering a scale. It combines the speed and ease of use of non-contact dermoscopy with the detail and precision of a contact device.

- **31159 CONTACT PLATE WITH SCALE - D-000.78.115**

## GIMA XENON HALOGEN SKIN SURFACE MICROSCOPE 10X

- **31187 GIMA XENON HALOGEN DERMATOSCOPE 2.5 V - 10X**

Advanced skin surface microscope offers long-lasting halogen illumination for the true tissue colour and 10X magnification for greater details, allowing accurate diagnoses of pigmented skin lesion. Supplied in a useful bag, with spare autoclavable contact plate with 0-10 mm scale. Latex free.

- **31183 DERMATOLOGY OIL box of 4 bottles of 12.5 ml**
- **32203 "C" BATTERIES - blister of 2 pcs.**
- **31479 XENON HALOGEN BULB - 2.5V - spare**
- **31185 SKIN LESION GAUGE - 21x5 cm**

Available with your logo for min. 2,000 pcs.

**TECHNICAL SPECIFICATIONS**
Battery: 2x"C" or rechargeable battery (34479) + charger (31542)
Reticle contact plate
Easy to focus, with large focus ring

Plug in and snap, easy locking
Supplied with 2 autoclavable contact plates (one millimetrated) Ø 2.5 cm
Satin finish
Multilanguage manaul and box (GB, FR, IT, ES, PT)
31187

# MD SCOPE VIDEO OTOSCOPE

**MD SCOPE VIDEO OTOSCOPE**

**Instant View**

A clear and sharp image can be acquired and displayed instantly on a built-in screen. Just press a single button and wait for 3 seconds.

**Real Time Interaction**

The medical image can be captured and shared simultaneously with patients. A true improved interaction between the health professionals and the patients.

**Electronic medical record**

A medical image is automatically generated to support most of the stand-alone health information system. Simply plug the cable into the video-out socket to retrieve the image.

32160

32162

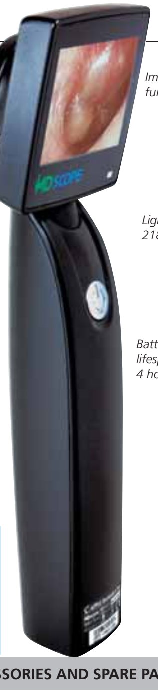

*2.4" colour LCD display*

*Image freeze function*

*Video out port*

*320x240 pixels*

*Lightweight: 218 g*

*Size: 8x20 cm (2.5"x8")*

*Battery lifespan: 4 hours*

CE

FDA

US pat. n° 8206290

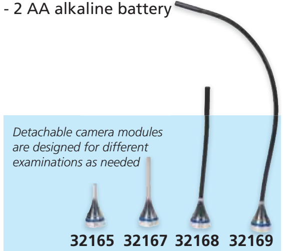
32175

- **32160 ELITE PACK**

MD Scope with
- 1 camera probe 45 mm Ø 5.2 mm
- RCA video cable
- 24 disposable specula
- 2 AA alkaline battery

- **32161 DELUXE ZIPPER PACK - 2 cameras**
- **32162 DELUXE ZIPPER PACK - 4 cameras**

MD Scope with
- 2 camera probes 45 (Ø 5.2 mm)/150 (32161)
- 4 camera probes 45 (Ø 5.2 mm)/ 75/150/300 mm (32162)
- image dongle (32162 only)
- cable set (32176): USB and RCA cable, adaptor for image dongle
- 24 disposable specula
- 2 AA alkaline batteries


*Detachable camera modules are designed for different examinations as needed*

32165 32167 32168 32169

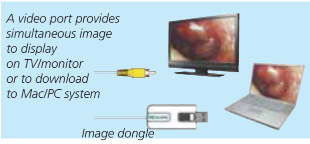
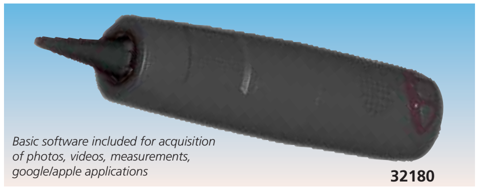

*A video port provides simultaneous image to display on TV/monitor or to download to Mac/PC system*

*Image dongle*

| GIMA code | ACCESSORIES AND SPARE PARTS |
|---|---|
| 32165 | Camera probe 45 x Ø 5.2 mm |
| 32166 | Camera probe 47 x Ø 4.2 mm |
| 32167 | Long camera probe 75 x Ø 5.2 mm |
| 32168 | Flexible camera probe 150 x Ø 5.2 mm |
| 32169 | Long flexible camera probe 300 x Ø 5.2 mm |
| 32172 | Disposable rigid specula Ø 5.5 mm for 32165 - box of 250 |
| 32173 | Reusable silicone specula Ø 4.2 mm for 32166 - box of 24 |
| 32175 | Cradle for video otoscope |
| 32176 | Cable set (USB and RCA cable, adaptor) |

# DIGITAL Wi-Fi & USB VIDEOTOSCOPE + SOFTWARE


*Basic software included for acquisition of photos, videos, measurements, google/apple applications*

32180

- **32180 MIC Wi-Fi & USB VIDEOTOSCOPE with software**

Innovative, handheld colour digital Otoscope with Wi-Fi wireless transmission. Small, easy to operate, light and portable. It can be used with all the most popular smartphones, tablets and even with PC.
Designed in Italy, made in China.

- **31491 DISPOSABLE MINI EAR SPECULUM Ø 2.5 mm - black - box of 100**
- **31492 DISPOSABLE MINI EAR SPECULUM Ø 4 mm - black - box of 100**

Suitable also Mini Ear Speculum 31485-8, 31495-9 at page 220

| TECHNICAL SPECIFICATIONS | |
|---|---|
| Operation system: | Windows (XP and following), Mac (OSX 10.7 and following), iOS, Android |
| Photo and video resolution: | 1.3 MPixels - 1,280x1,024 (MJPG), 640x480 (MJPG), 320x240 |
| Frame rate: | 15 fps 1280x1024, 30 fps 640x480 320x240 |
| Wi-Fi wireless transmission distance: | up to 5 m |
| Power consumption: | max 2.5 W |
| Li-ion battery: | continuous working time - approx. 2 hours, full charging time - approx. 2 hours |
| Power source: | DC 5.0 V / 1A |
| Size - weight: | Ø 36x142 mm - 88 g |
| **Camera** | |
| Camera sensor: | CMOS 1/4" |
| Optical features: | Exposure: Auto, Gamma: Auto,<br>White balance: Auto, Black reference: Auto |
| **Otoscope** | |
| Magnification: | 20 X |
| Focus range: | 8-60 mm |
| Object distance: | 1-160 mm |
| Light source: | 4 adjustable white LED |
| Lens: | high definition microscopy lens |
| **Software interface** | Mic-Fi Apps for Android and iOS system and Mic-Fi softwares for PC and MAC |

| STANDARD ACCESSORIES | |
|---|---|
| Plastic stand | USB AC adapter and cable |
| Line calibration ruler | Manual (GB, FR, IT, ES, DE) |
| CD basic software Win (GB, IT, ES, DE , PT, RU, BG, TH, JP, KR) Mac (GB) | |

# HEINE OMEGA® 500 INDIRECT OPHTHALMOSCOPE

5 YEARS WARRANTY

*Light weight only 450g*

- **31753 HEINE OMEGA 500 XENON-HALOGEN INDIRECT OPHTHALMOSCOPE 6V - C-004.33.539**

**With mPack pocket battery, plug-in transformer, headband rheostat and 90° angled adapter**
- **clearer, crisper views:** a new illumination system with Xenon Halogen Technology bulb produces less reflexes off the cornea and clear, high resolution bright images of the fundus.
- **enhanced variable pupil function:** allows for the precise, synchronized selection of observation and illumination optics for any pupil size. It provides stereopsis in pupils ranging from 10 mm to 1 mm.
- **fully featured:** 3 Spot sizes: Large, Medium and Small. Integrated diffused light filter. 3 Integrated Filters: Red-free, Cobalt Blue, and Yellow.
- **Omega headband comfort:** articulating Rear Hinge provides vertical adjustment of the rear band of the headband for individual placement.

- **31756 HEINE OMEGA 500 UNPLUGGED LED$^{HQ}$ INDIRECT OPHTHALMOSCOPE 6V - C-008.33.535**

**With mPack battery integrated in headband, plug-in transformer, headband rheostat and 90° angled adapter.** Same feature as 31753 with in addition:
- **LED technology:** absolutely homogeneous, uniform illumination, up to 100% brighter compared with XHL (Xenon technology)
- **rechargeable battery integrated** on the headband
- **mPack rechargeable battery:** charging time 2 hours, operating time 8 hours

31757

- **31757 HEINE OMEGA 500 LED$^{HQ}$ INDIRECT OPHTHALMOSCOPE WITH DV1 DIGITAL VIDEO CAMERA - C-008.33.561**

**with mPack UNPLUGGED with plug-in transformer**

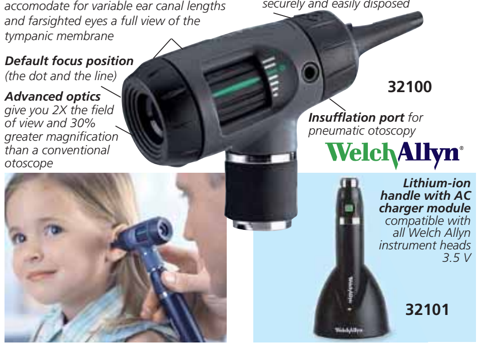
**1280 x 960 imaging:** capable of capturing High-Resolution video
- **simple operation:** digital imaging without any additional adjustments.
- **comfortable and balanced fit:** headband perfectly distributes the low weight of the camera and optics
- **integrated focus adjustment**
- **interface and software:** will plug into any laptop or computer via USB 2.0 interface. Supplied with software program for video recording and image capture. **For more information see http://dv1.heine.com**
- **cable-free power source:** system with mPack UNPLUGGED rechargeable battery.

# WELCH ALLYN MACROVIEW™ OTOSCOPE

- **32100 MACROVIEW™ HEAD - 23810**
- **32101 LITHIUM ION HANDLE WITH AC CHARGING MODULE 3.5 V - 71902**

This next-generation otoscope features advanced optics that increase magnification while giving you a nearly full view of the tympanic membrane - virtually eliminating the need for panning. With its easy-to-focus eyepiece, MacroView allows for enhanced visualization to help see past wax, locate fluid behind the eardrum, and even perform exams without your glasses.
- twice the field of view
- 30% greater magnification than a traditional otoscope
- nearly a full view of the tympanic membrane
- better clarity and definition of landmarks
- ability to adjust focus for variable ear canal lengths or farsighted eyes

- **32106 KLEENSPEC® ADULT DISPOSABLE EAR SPECULA 4.25 mm - box of 850 pcs - 52434-UB**
- **32105 KLEENSPEC® PEDIATRIC DISPOSABLE EAR SPECULA 2.75 mm - box of 850 pcs - 52432-UB**
- **32135 SPARE HALOGEN BULB - 3.5 V - 06500 U**


***Adjustable focus wheel** allows to accomodate for variable ear canal lengths and farsighted eyes a full view of the tympanic membrane*

***Tip grip** ensures ear specula is fastened securely and easily disposed*

***Default focus position** (the dot and the line)*

***Advanced optics** give you 2X the field of view and 30% greater magnification than a conventional otoscope*

32100

***Insufflation port** for pneumatic otoscopy*

WelchAllyn®

***Lithium-ion handle with AC charger module** compatible with all Welch Allyn instrument heads 3.5 V*

32101

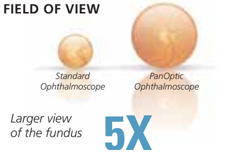
# WELCH ALLYN PANOPTIC™ OPHTHALMOSCOPE

- **32110 PANOPTIC OPHTHALMOSCOPE HEAD - 11810**
- **32101 LITHIUM ION HANDLE WITH AC CHARGING MODULE 3.5 V - 71902**

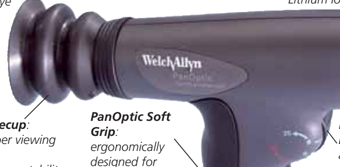
PanOptic is a breakthrough concept in ophthalmoscopy. Thanks to an innovative, optical design known as Axial PointSource™ Optics, it will greatly enhance your funduscopic examinations.
- fast easy entry into small, undilated pupils
- 5X larger field of view than you see with standard ophthalmoscopes in an undilated eye
- 25° field of view versus the 5° field of view of standard ophthalmo's
- a 26% increase in magnification, making it easier to see retinal details
- greater distance between practitioner and patient means greater comfort for all

- **32127 SPARE HALOGEN BULB - 3800 U**

FIELD OF VIEW



*Larger view of the fundus* 5X


***Patented Axial PointSource™ Optics**: makes it easy to enter undilated pupils, and provides a 25° field of view, resulting in a view of the fundus 5 X greater than with a standard ophthalmoscope in an undilated eye*

***Halogen HPX™ Lamp**: provides whiter, brighter light*

***Glare Extinguishment System**: prevents interference from unwanted glare and reflections*

***Welch Allyn 3.5 V Power Sources**: compatible with any standard 3.5 V power source including: desk charger handles, convertible battery handles, wall transformers and the Lithium Ion Power Handle*

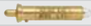
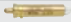
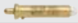
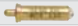
***Patient Eyecup**: allows proper viewing distance, provides image stability, serves as a pivoting point for panning around the retina, helps with orientation, and screens out ambient light. The eyecup is cleanable and reusable*

***PanOptic Soft Grip**: ergonomically designed for maximum comfort, balance, and access to controls.*

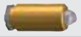
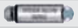
***Aperture Dial**: allows you to select micro, small, and large spot sizes. Also includes red-free filter and slit aperture, half-moon aperture for corneal exams*

***Dynamic Focusing Wheel**: adjusts the focus in a continuous, smooth action for more precise control and optimum view. Available focusing range is -20 to +20 diopters*

# HEINE ORIGINAL BULBS

| HEINE BULBS | HEINE ref. | GIMA code | Compatible with following HEINE products |
|---|---|---|---|
| *Xenon 2.5 V* | 035 | 31769 | Transilluminator Finoff alpha⁺<br>F.O. and F.O. SP Laryngoscopes - Sanalon handle<br>Glaucotest |
| *Xenon 2.5 V* | 037 | 31771 | K100 and Beta® 100, Beta® 100 vet otoscopes<br>Laryngeal mirrors<br>F.O. mini 2000 otoscope<br>Alpha® and Alpha F.O. otoscopes<br>Mini/mini 3000/Alpha/Beta tongue holders |
| | 038 | 31773 | Miroflex ophthalmoscope<br>HFR2 spot retinoscope<br>Delta®10 dermatoscope |
| | 041 | 31774 | Fibralux mini otoscope<br>Mini 2000 combilamp<br>Mini 2000 cliplamp<br>Mini 1000 cliplamp |
| | 042 | 31780 | Alpha® ophthalmoscope<br>Mini 2000 ophthalmoscope<br>Alpha® Focalux<br>Mini Miroflex ophthalmoscope<br>Mini 2000 Focalux |
| | 056 | 31770 | Minilux otoscope<br>Mini 2000 otoscope |
| | 057 | 31785 | Mini 2000, Mini 3000 laringeal mirrors |
|  | 069 | 31781 | Beta® 200, 200 M2, 200S ophthalmoscopes - XHL 2.5 V |
| *Xenon 2.5 V* | 077 | 31772 | Beta® 200, 200 VET, 400; K 180 otoscopes<br>Lambda 100 retinometer<br>Delta®10 plus dermatoscope |
|  *Xenon 2.5 V* | 084 | 31782 | K180® ophthalmoscope - 2.5 V |
| | 105 | 31776 | Mini 3000 F.O. otoscope |
| | 106 | 31777 | Mini 3000 ophthalmoscope |
| | 107 | 31778 | Mini 3000 combilamp and cliplamp - XHL 2.5 V |
| | 109 | 31779 | Mini 3000 dermatoscope |
| | 110 | 31775 | Mini 3000 otoscope |
|  | 070 | 31783 | Beta 200, 200 M2, 200S ophtalmoscopes - XHL 3.5V |
|  | 078 | 31784 | Beta 200, 200 Vet, KI80 otoscopes<br>lambda 100 retinometer otoscopes - XHL 3.5V |

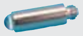
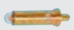
# WELCH ALLYN BULBS

| WELCH ALLYN BULBS | W. A. ref. | GIMA code | Compatible with following WELCH ALLYN products |
|---|---|---|---|
| | 00200-U | 32120 | Anoscopes: 38800, 380, 385, 395<br>Illuminators: 41000, 26030<br>Old products: 235, 77900, 26000, 20100, 21600, 42700, 40510 |
| | 03000-U | 32123 | Ophthalmo: 11710, strabismoscope: 12400, episcope: 47300<br>Old ophthalmo: 11600, 11605, 11610<br>Retinoscope: 18000 |
| | 03100-U | 32124 | Otoscopes: 25020, 21700, 20200<br>Handle: 73500, holder: 28100<br>Illuminators: 27000, 27050, 26530, 41100, 43300<br>Old otoscopes: 25000, 25200, 20000 |
| | 03300-U | 32125 | Ophthalmo: 11511-11500 |
| | 03400-U | 32126 | Otoscopes: 24011-24020-24000-24031-21110/1<br>Handle: 73550,<br>Illuminators: 27200-27250-41110 |
|  | 03800-U | 32127 | Pan optic: 11810-11820-11800 |
| | 04100-U | 32128 | Exam light: 48400-48410 |
| | 04200-U | 32129 | Exam light: 48600, 48610-48625-48635, 48700 |
| | 04400-U | 32130 | Ophthalmoscopes: 11400-11411-11470-11475 |
| | 04700-U | 32131 | Laryngo: 680, 690, 692 (size 1-2)<br>Old laryngo: 634, 664, 674, 684, 694 (check size) |
| | 04800-U | 32132 | Laryngo: 680 (size 2-4), 690, 692 (size 3-4)<br>Old laryngo: 634, 640, 664, 674, 684, 694 (check size) |
| | 04900-U | 32133 | Ophthalmo: 11720, 11730, 11735, 11620, 11630 |
|  | 06000-U | 32134 | Laryngo handles: 60813, 60814, 60713, 60815, 60803, 60804 |
| | 06500-U | 32135 | Macroview otoscope: 23810, 23820 |
| | 07800-U | 32136 | Handle: 73211, 73210, 78000, 73200 |

# RIESTER ORIGINAL BULBS

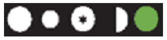
| RIESTER BULBS | RIESTER ref. | GIMA code | Bulb | Compatible with following RIESTER products |
|---|---|---|---|---|
| | 10421 | 31850 | Vacuum 2.7 V | Otoscope uni®/speculight |
| | 10424 | 31851 | Vacuum 2.5 V | May-ophthalmoscope uni® |
| | 10487 | 31825 | XL 3.5 V xenon | Otoscope ri-scope® L1 |
| | 10488 | 31852 | Vacuum 2.7 V | Pen-scope® and e-scope® otoscope |
| | 10489 | 31560 | HL 2.5 V | Otoscope pen-scope®/ ri-scope® L1 and e-scope® |
| | 10590 | 31853 | HL 2.5 V | Otoscope uni® |
| | 10600 | 31854 | XL 2.5 V | Otoscope ri-mini®, ri-scope® L2/L3 and e-scope® |
| | 10605 | 31562 | HL 2.5 V | Ophthalmoscope ri-mini/ ri-scope® L1, L2, L3, e-scope®, ri-derma® |
| | 10607 | 31855 | XL 3.5 V | Ri-scope® otoscope L2, L3 |
| | 10608 | 31826 | XL 3.5 V | Ri-scope® ophthalmoscope L1, L2, L3 |
| | 14041 | 31561 | LED 3.7 V | E-scope F.O otoscope |
|  | 14051 | 31563 | LED 3.7 V | E-scope ophthalmoscopes |

# COMPATIBLE GERMAN BULBS

| GIMA BULBS | | GIMA code | Compatible with the following products |
|---|---|---|---|
| **LARYNGOSCOPE BULBS - MADE IN GERMANY** | | | |
| | *Conventional laryngoscope SMALL bulb 2.7 V* | 34324 | Gima, Riester, And, Kawe, Timesco Truphatek and most of conventional laryngoscopes in the market (generally used for blades N° 00, 0, 1) |
| | *Conventional laryngoscope LARGE bulb 2.7 V* | 34325 | Gima, Riester, And, Kawe, Truphatek, Timesco and most of conventional laryngoscopes in the market (generally used for blades N° 2, 3, 4) |
| | *Xenon halogen bulb for F.O. Laryngoscope and otoscope* | 34485 | Gima, And, Kawe and most of F.O. laryngoscopes in the market. Compatible for products that use Heine Bulb # 035 |
| **OTOSCOPE-OPHTHALMOSCOPE BULBS - MADE IN FRANCE-GERMANY** | | | |
| | *Xenon halogen otoscope bulb* | 31795 | Heine mini 3000 otoscopes |
| | *Xenon halogen F.O. otoscope bulb* | 31796 | Heine mini 3000 F.O. otoscopes |
|  | *Otoscope bulb 2.5V* | 31449 | Parker otoscopes and some otoscopes of Riester, Timesco and Kawe |
| | *Ophthalmoscope bulb 2.5V* | 31446 | Parker ophthalmoscope<br>Parker diagnostic sets |
| | *Xenon halogen bulb for otoscope 2.5V* | 31478 | Gimalux otoscopes, Kawe and Riester mini otoscopes Compatible for products that use Heine bulb #037 |
|  | *Halogen bulb for ophthalmoscope and dermatoscope 2.5V* | 31479 | Parker halogen ophthalmoscope |
| | *Xenon halogen ophthalmoscope bulbs 3.5 V* | 31428 | Gima Xenon - halogen diagnostic sets - ophthalmoscope |
| **OTO-OPHTHALMO-DERMATOSCOPE BULBS - OTHER COUNTRIES** | | | |
|  | *Halogen Dermatoscope bulb 2.5 V* | 31188 | Gima dermatoscope Compatible for products that use Heine Bulb #038 |
| | *Xenon halogen otoscope bulbs 3.5 V* | 31427 | Gima Xenon - halogen diagnostic sets - otoscope |

# HEINE MINI 3000® XHL AND LED^HQ OTO AND OPHTHALMOSCOPE

5 YEARS WARRANTY



***Ophthalmoscope with 5 different apertures***
- **Large spot** *for normal fundus examinations.*
- **Small spot** *to access small pupils.*
- **Fixation star** *for determination of central or eccentric fixation. Especially suited for examining children.*
- **Hemispot** *for reduced reflection with small pupils.*
- **Red-free filter** *for contrast-enhancement when assegning fine vascular disorders*

31689, 31696

### MINI 3000 F.O. XENON OTOSCOPES

Powerful pocket otoscope in a unique compact design.

- **Xenon halogen** bulbs for bright illumination and accurate colour rendering.
- **20,000** on/off switch cycles guaranteed.
- **distal Fiber Optic (F.O.) Illumination:** Reflex-free illumination of tympanum and ear canal.
- **viewing window with 3X magnification and optimized casing surface for razor-sharp images and minimal reflection. Swivelling viewing window built into instrument.**
- **pneumatic testing** of the tympanum mobility by using the insufflation port and an optional connector.
- **attachment clip with integrated on/off switch.**
- **replaceable batteries:** size AA or optional rechargeable battery (31693) with mini NT table charger (31692).*
- **2-piece handle and head.** Easy to maintain, flexible. Compatible with other handles.

### MINI 3000 F.O. LED^HQ OTOSCOPES

All features of F.O. Xenon otoscopes with the addition of:

- **maintenance-free,** no need to ever change the LED.
- LED thermal management for a **consistent light output throughout the whole working life.**
- High-performance-LED: bright and absolutely homogeneous **illumination with excellent colour rendering -** colour temperature 4,000°K, colour rendering index >95, and >90 rendering index of the colour red.
- **twice as bright as** Xenon Halogen instruments.
- **exclusive Battery Performance Indicator**
- **exclusive fade-out function** reduces illumination intensity with battery level to let you know when to replace.
- **operation time up to 10 hours**

| MINI 3000 OTOSCOPES 2.5 V | | | | |
|---|---|---|---|---|
| | BLACK | | BLUE | |
| | GIMA code | HEINE code | GIMA code | HEINE code |
| Standard | **31680** | D-001.70.210 | **31681** | D-001.70.210 |
| F.O. Xenon | **31684** | D-001.70.110 | **31685** | D-001.70.110 |
| F.O. LED^HQ | **31676** | D-008.70.110 | **31677** | D-008.70.110 |
| **MINI 3000 OTOSCOPE 2.5 V - RECHARGEABLE HANDLE**** | | | | |
| F.O. Xenon | **31682** | D-001.70.301 | - | - |
| F.O. LED^HQ | **31683** | D-008.70.301 | - | - |

*Above otoscopes are supplied in a box with 5 disposable speculum Ø 4 mm and 5 Ø 2.5 mm*

| MINI 3000 OTOSCOPE 2.5 V - hard case | | | | |
|---|---|---|---|---|
| F.O. LED^HQ | **31678** | D-885.20.021 | | |

*Supplied in hard case with 5 disposable speculum Ø 4 mm, 5 Ø 2.5 and 4 reusable speculum (Ø 2.4, 3, 4, 5 mm)*

**31503**
*Dispenser of 250 pcs.*
**31516**
*Box of 1,000 speculum*

| GIMA code | HEINE DISPOSABLE MINI EAR SPECULUM* | Minimum order |
|---|---|---|
| 31501 | HEINE dispenser for mini speculum - empty | - |
| 31502 | HEINE disposable Allspec® speculum Ø 2.5 mm - grey | dispenser of 250 |
| 31503 | HEINE disposable Allspec® speculum Ø 4 mm - grey | dispenser of 250 |
| 31515 | HEINE disposable Allspec® speculum Ø 2.5 mm - grey | box of 1000 |
| 31516 | HEINE disposable Allspec® speculum Ø 4 mm - grey | box of 1000 |

*Compatible with Heine Mini 2000/3000, K180, Beta 200, Beta 400

### MINI 3000 XENON OPHTHALMOSCOPES

Modern pocket ophthalmoscope with fixation star aperture. Excellent optics and best colour rendering in minimum size.

- **XHL Xenon Halogen Technology.** Concentrated bright light for perfect illumination, a brilliant image and accurate colour rendering.
- **the HEINE optics produce crisp, clear images of the whole area under examination and** minimize the reflections.
- **5 different apertures.** A full-function instrument incl. fixation star.
- **grey filter** for light sensitive patients.
- **range of lenses: 18 lenses from -20 D to +20 D.**
- **easy workflow,** because ophthalmoscopy is possible without dilation of the pupils.
- **attachment clip with integrated on/off switch.**
- **replaceable batteries.** Size AA or optional rechargeable battery (31693) with mini NT table charger (31692).

### MINI 3000 LED^HQ OPHTHALMOSCOPES

All features of Xenon ophthalmoscope with the addition of:

- **maintenance-free,** no need to ever replace the LED.
- LED thermal management for a **consistent light output throughout the whole working life.**
- high-performance-LED: bright and absolutely homogeneous **illumination with an excellent colour rendering -** colour temperature 4,000°K, colour rendering index >95, and >90 rendering index of the colour red.
- **exclusive battery performance indicator**
- **exclusive fade-out function** reduces illumination intensity with battery level to let you know when to replace.
- **operation time up to 10 hours.**

| MINI 3000 OPHTHALMOSCOPES 2.5 V | | | | |
|---|---|---|---|---|
| | BLACK | | BLUE | |
| | GIMA code | HEINE code | GIMA code | HEINE code |
| Xenon | **31686** | D-001.71.120 | **31687** | D 001.71.120 |
| LED^HQ | **31688** | D-008.71.120 | - | - |
| **MINI 3000 OPHTHALMOSCOPES 2.5 V - RECHARGEABLE HANDLE**** | | | | |
| F.O. Xenon | **31694** | D-001.71.200 | - | - |
| F.O. LED^HQ | **31695** | D-008.71.200 | - | - |
| **MINI 3000 OTO-OPHTHALMO SET - hard case** | | | | |
| Xenon Set | **31689** | D-873.11.021 | - | - |
| LED^HQ Set | **31696** | D-886.11.021 | - | - |

Both set (Xenon or LED) include one F.O. otoscope head, one ophthalmoscope head, 2 handles, 4 reusable specula (Ø 2.4, 3, 4, 5 mm), 5 disposable specula Ø 4 mm and 5 Ø 2.5 mm in hard case.

*NiMH rechargeable battery with bottom insert for Mini 3000 handles.*

**31693**

**31692**

| GIMA code | HEINE code | CHARGER AND ACCESSORIES |
|---|---|---|
| **31691** | D-000.80.101 | MINI 3000 connector for pneumatic test |
| **31692** | X-001.99.484 | HEINE MINI 3000 NT charger |
| **31693** | X-001.99.487 +<br>X-001.99.488 | BATTERY + BASE |

**Need Heine Mini 3000 NT charger (31692)

31518

31527

## SIGMA F.O. DIAGNOSTIC SETS

SIGMA otoscopes and ophthalmoscopes are high quality pocket diagnostic instruments designed for professional use in ENT and ophthalmoscopy. Light weight and manufactured from impact resistant re-enforced plastic.

31524

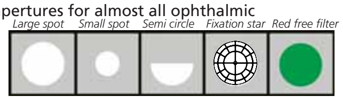
Supplied in deluxe rigid plastic cases or pouch (31524) with 14 disposable specula (7 with Ø 2.5 mm, 7 with Ø 4 mm).

- **31524 SIGMA F.O. OTOSCOPE 2.5 V - pouch - black**
- **31523 SIGMA F.O. OTOSCOPE 2.5 V - pouch - blue**
- **31525 SIGMA F.O. OTOSCOPE 2.5 V - case - black**
- **31526 SIGMA F.O. LED OTOSCOPE 2.5 V - case - black**
- **31518 SIGMA F.O. LED OTOSCOPE 2.5 V - case - blue**

Manufactured with high quality materials and top-notch workmanship ensures excellent reliability in every examination.
Battery life with Led bulb (31526) 6 time longer than with traditional bulb
- distal fibre optic illumination with super bright Xenon/Halogen light or LED light.
- swivel type window with 3X magnification lens for sharp images and minimal reflection
- insufflation port for pneumatic testing of tympanic mobility.

Connector port (code 31532) and insufflation bulb (code 31500) should be ordered separately.

- **31527 SIGMA F.O. OPHTHALMOSCOPE 2.5 V - case - black**
- **31529 SIGMA LED OPHTHALMOSCOPE 2.5 V - LED light 85,000 LUX - bulb estimated life 50,000 hours - case - black**



Colour coded 18 lenses for excellent resolution

| + | 1 | 2 | 3 | 4 | 6 | 8 | 10 | 15 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| - | 1 | 2 | 3 | 4 | 6 | 8 | 10 | 15 | 20 |

**LED features**
- colour temperature: 5,000°K
- CRI > 80
- real colours definition
- 85,000 LUX
- bulb estimated life 50,000 hours

Top quality ophthalmoscope with 5 different apertures for almost all ophthalmic examinations. High quality optics in mini format makes this instrument ideal for house calls and rounds.
- enhanced xenon/halogen super bright light
- 5 different apertures

Large spot: for normal fundoscopy
Small spot: for reduced reflection with small pupils
Semi circle: for reduced reflection with small pupils
Fixation star: for determination of central or eccentric fixation, suitable for examining children
Red-free filter: for contrast-enhancement when assessing fine vascular disorders
- range of lenses from -20 D to +20 D

- **31533 SIGMA F.O. OTO-OPHTHALMOSCOPE SET 2.5 V - case with 1 handle - black**
- **31528 SIGMA F.O. OTO-OPHTHALMOSCOPE DELUXE SET 2.5 V - case with 2 handles - black**
- **31534 SIGMA F.O. LED OTO-OPHTHALMOSCOPE DELUXE SET 2.5 V - case with 2 handles**

Oto-ophthalmo sets are supplied with oto and ophtalmo head, 1 handle (31533) or 2 handles (31528, 31534) and 14 disposable speculum (7x2.5 and 7x4 mm)

- **34485 OTOSCOPE BULB - xenon - halogen 2.5 V**
- **31531 OPHTHALMOSCOPE BULB - xenon - halogen 2.5 V**
- **31532 PNEUMATIC CONNECTOR PORT**
- **31500 INSUFFLATION BULB**

31533

31528, 31534

## HEINE BETA® 200 RETINOSCOPE

- **31745 HEINE BETA 200 RETINOSCOPE - slit - 2.5 V - C-034.10.118**

**With ParaStop® for finding the neutralization point (US pat. 5,859,687): precise, easy selection of a parallel beam**
- **dustproof:** maintenance free
- **single control for vergence and rotation:** comfortable operation
- **Integrated polarisation filter:** eliminates stray light and internal reflexes for a brighter pupilling reflex
- **streak or spot retinoscope:** simply by changing the bulb
- **XHL (xenon halogen technology):** bright, white light. Bright fundus reflex, easy recognition of neutralization point
- **ergonomic shape:** protects the examiner's orbit from stray light

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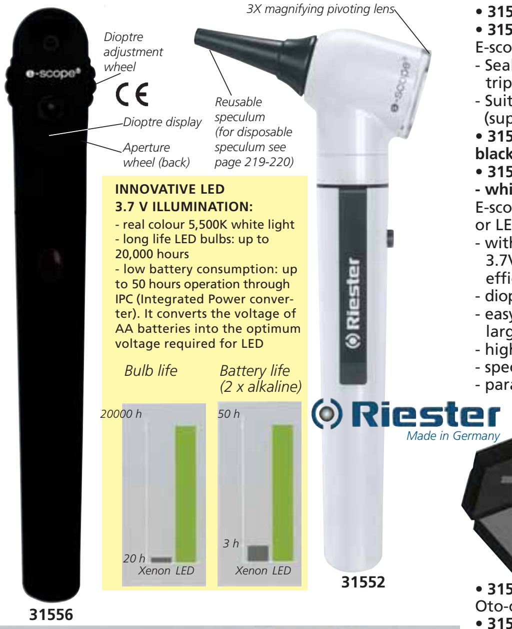
## E-SCOPE®: RIESTER OTO-OPHTHALMOSCOPES



**INNOVATIVE LED 3.7 V ILLUMINATION:**
- real colour 5,500K white light
- long life LED bulbs: up to 20,000 hours
- low battery consumption: up to 50 hours operation through IPC (Integrated Power converter). It converts the voltage of AA batteries into the optimum voltage required for LED

31556

31552

- **31550 E-SCOPE® OTOSCOPE - XENON 2.5V - black in pouch**
- **31552 E-SCOPE® F.O. OTOSCOPE - LED 3.7V - white in rigid case**

E-scope otoscope with direct Xenon illumination or F.O. LED.
- Sealing precision optics pivoting to both sides with triple magnification for superior view
- Suitable for performance of pneumatic tests (supplied without connector and insufflator)

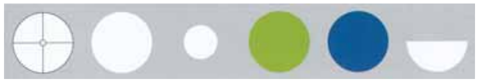
31550

- **31556 E-SCOPE® OPHTHALMOSCOPE - XENON 2.5 V - black - in rigid case**
- **31557 E-SCOPE® OPHTHALMOSCOPE - F.O. - LED 3.7 V - white - in rigid case**

E-scope ophthalmoscopes are available with Xenon or LED illumination.
- with 2.5V Xenon illumination and with innovative 3.7V LED illumination for higher-contrast and more efficient diagnosis
- dioptre disc with 18 corrective lenses (± 1, 2, 3, 4, 6, 8, 10, 15, 20)
- easy-to-use aperture wheel with six apertures (fixation star, large circle, small circle, red free filter, blue filter, semi circle)
- high performance optics with aspherical condenser
- spectacle protection
- parallel optical path

31557

31558



- **31558 E-SCOPE® DIAGNOSTIC KIT**

Oto-ophthalmoscope set, LED 3.7V, white colour, in rigid case.

- **31560 E-SCOPE® OTOSCOPE - XENON 2.5 V BULB**
- **31561 E-SCOPE® OTOSCOPE - LED 3.7 V BULB**
- **31562 E-SCOPE® OPHTHALMOSCOPE - XENON 2.5 V BULB**
- **31563 E-SCOPE® OPHTHALMOSCOPE - LED 3.7 V BULB**
- **31817 RI-SCOPE® EAR SPECULUM Ø 2.5 mm - autoclavable**
- **31819 RI-SCOPE® EAR SPECULUM Ø 4 mm - autoclavable**

## LUXAMED AURIS LED OTOSCOPES - MADE IN GERMANY

31571

- **31570 LUXAMED AURIS LED 2.5V OTOSCOPE - black**
- **31571 LUXAMED AURIS LED 2.5V OTOSCOPE - blue**
- **31572 LUXAMED AURIS LED 3.7V USB OTOSCOPE - black**

Innovative otoscopes that combine best handicraft production with selected materials with the most modern technology. Two-components handle (aluminium/fibre-glass reinforced) with electronic ON/OFF switch.
Features:
- LED-Ring illumination with 6 LEDs (concentric), no fibre optic, field of vision is not restricted, with the theoretical failure of a single LED, the functionality is not affected (patent DE202013104278U1)
- dimmer
- automatic switchoff after 3 minutes
- approx. 100,000 hours life expectancy of LEDs
- approx. 10,000 Lux intensity of illumination
- approx. 4,000 K colour temperature
- pivoting 3-fold magnifying glass with locking function
- insufflation port for pneumatic test.

Supplied with 2xAAA alkaline batteries (31570/1) or lithium-ion rechargeable battery 3.7V (31572) 20 disposable ear funnels (10x2.5 mm and 10x4.0 mm) and manual (GB, IT, DE).
See page 219-220 for compatible ear speculum.

31572
Recharger with USB plug - 3 adapters (EU, UK, US)

## HEINE K100 HALOGEN OTOSCOPE

5 YEARS WARRANTY

31720

**• 31720 HEINE K 100 HALOGEN OTOSCOPE - 2.5 V - B-245.10.118**
Otoscope with BETA battery 2.5 V handle with rheostat, high-impact polycarbonate housing and 3 reusable specula (Ø 3.5, 4.5, 5.5) in nylon pouch. XHL (Xenon Halogen Technology), extremely bright, white light. Acrylic viewing window with 3X magnification, insufflation port for tympanic test.

**• 31771 HEINE 037 OTOSCOPE BULB 2.5 V - spare - X-001.88.037**

## HEINE K180 OTO-OPHTHALMO

31740

**• 31740 HEINE K180 - F.O. OTO-OPHTHALMO SET - 2.5 V - A-279.10.118**
Otoscope and ophthalmoscope K180 with BETA battery 2.5 V handle and a set of single use specula. Supplied in hard case.

**• 31782 HEINE 084 OPHTHALMO BULB 2.5 V - spare - X-001.88.084**

**• 31772 HEINE 077 OTOSCOPE BULB - spare - X-001.88.077**

**• 31741 HEINE K180 OPHTHALMOSCOPE - 2.5 V C-182.10.118**
28 lenses from -35D to +40D supplied in pouch

## HEINE BETA 200 F.O. OTOSCOPES

31725
31726
31728

Large, scratch-resistant glass viewing window with 3x magnification

34449

BETA 200, BETA 400 OTOSCOPE HEAD

Distal fiber optic (F.O.) illumination with XHL xenon halogen technology
Airtight window seal for reliable test of tympanic mobility

Handle with charge status display

31728

**• 31725 HEINE BETA 200 F.O. OTOSCOPE - 2.5V - B-141.10.118**
F.O. Otoscope with BETA battery 2.5V handle with rheostat, a set of single use specula, a set of reusable specula and a spare bulb. Supplied in hard case. Solid all metal construction, a quality instrument with fibre optic illumination.

**• 31772 HEINE 077 OTOSCOPE BULB - spare - X-001.88.077**

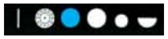
**• 31726 HEINE BETA 200 F.O. OTOSCOPE - 3.5V Li-ion L - B-141.29.420**
Same as code 31725 but with 3.5V rechargeable handle with charging status display, Li-ion battery and charging station (34449).

**• 31784 HEINE 078 OTOSCOPE BULB - X-002.88.078**

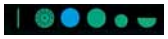
**• 31728 HEINE BETA 400 LED F.O. OTOSCOPE - B-143.24.420**
Exclusive 4.2X magnification.
LED in HQ with continuous brightness control.
All metal housing and scratch resistant glass lenses.
Colour temperature: 3,500 K. Colour rendering index (CRI) >97.
Exceptional depth of field, provides sharp spatial image.
LED otoscope with rechargeable handle supplied with 4 reusable speculum, 5 of both All Spec disposable speculum 2.5 and 4 mm ∅ in a case with NT4 table charger (34374).

## HEINE BETA 200 AND 200S OPHTHALMOSCOPES

31730



*6 standard diaphragms: slit, fixation star with polar co-ordinates, cobalt blue filter, large spot, small spot, hemi spot*



*6 diaphragms with green filter*

|  |  |  |  |  |  |
|---|---|---|---|---|---|
| + in 1 D steps 1 – 10 | 15 | 20 | 40 |  | D |
| – in 1 D steps 1 – 10 | 15 | 20 | 25 | 35 | D |

**• 31730 HEINE BETA 200 HALOGEN OPHTHALMOSCOPE - 2.5 V - C-144.10.118**
The unique aspherical optic system eliminates corneal and iris reflexes. The illuminated area of the retina remains fully visible even in case of small pupil (bright light). BETA 200 has 6 diaphragms with separately "green filter". It is recommended for small or expanded pupils; suitable for slit or fluorescent ophthalmoscopy as well as for fixation test. Range -35D to +40D. Supplied in hard case with replacement bulb.

**• 31731 HEINE BETA 200 F.O. OPHTHALMOSCOPE - 3.5 V Li-ion - C-144.27.388**
Same as 31730 but with USB rechargeable handle for mains socket and Li-ion batteries.

**• 31783 HEINE 070 OPHTHALMOSCOPE BULB 3,5 V - X-002.88.070**

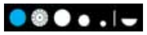
31730

**• 31735 HEINE BETA 200S OPHTHALMOSCOPE - 2.5 V - C-261.10.118**

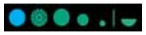
**• 31781 HEINE 069 OPHTHALMO BULB - 2.5 V - spare - X-001.88.069**

**• 31737 HEINE BETA 200S LED OPHTHALMO - 3.5 V with USB rechargeable handle - C-261.28.388**

**Superior aspherical optics and 74 single-diopter steps**
- **optical system:** corneal and iris reflexes are eliminated.
A full view is guaranteed even with small pupils.
- **XHL (Xenon Halogen Technology) or LED:** bright, white light.
- **recessed, multi-coated viewing window:** avoids stray light.
- **optics mounted on precision metal chassis.**
- **ergonomic shape:** instrument fits the orbita comfortably in any position.
- **7 apertures with separate red-free filter:**
- **lens range:** perfect focus even with high refractive errors.
- **exact colour rendering**



*Cobalt blue filter, fixation star with polar co-ordinates, large spot, small spot, pinhole, slit, hemispot*



***With red-free filter:***
*Cobalt blue filter, fixation star with polar coordinates, large spot, small spot, pinhole, slit, hemispot*

*74 single diopters steps*
*+ in 1 D steps: +1 through +38 D*
*- in 1 D steps: -1 through -36 D*

## VISIO 2000 F.O., XENON OTO, OPHTHALMO, ENT SETS - 3.5 V

Professional diagnostic sets with fiber optic illumination system, Xenon light 3.5 V, rheostat to adjust the intensity of light. Powered by rechargeable Li-ion batteries.
All products are made of impact resistant re-inforced plastic and durable easy locking system for hospital long term use. Supplied in deluxe case, should be used with charging station 31542 and Li-ion rechargeable battery (31541). Only plug-in set (31537) as direct AC connection and need battery 31547.

**• 31535 VISIO 2000 F.O. XENON OTOSCOPE - 3.5 V**

**• 31536 VISIO 2000 F.O. XENON OPHTHALMOSCOPE - 3.5 V**

**• 31537 VISIO 2000 F.O. XENON OTO-OPHTHALMOSCOPE PLUG-IN SET - 3.5 V - 2 pin plug**

**• 31538 VISIO 2000 F.O. XENON OTO-OPHTHALMOSCOPE - 3.5 V**

**• 31539 VISIO 2000 F.O. XENON DIAGNOSTIC SET - 3.5 V**

**• 31428 OPHTHALMOSCOPE BULB - spare**

**• 31544 OTOSCOPE BULB - spare**

**• 31541 LI-ION RECHARGEABLE BATTERY**

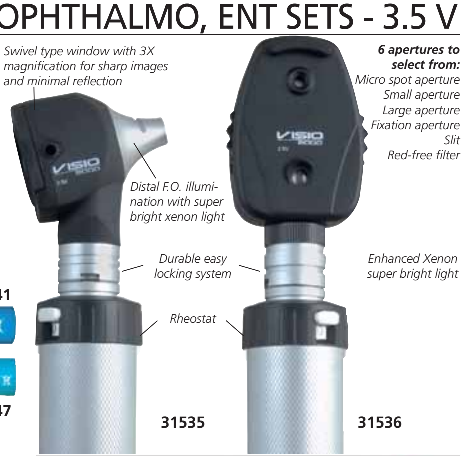
**• 31547 LI-ION RECHARGEABLE BATTERY 3.5 V PLUG-IN HANDLE for 31537**

31541

31547

31542

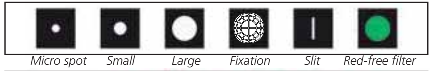
**• 31542 ZOOM CHARGING STATION**
Supplied with
EU 2 pin, UK and US plug

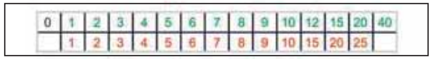


Swivel type window with 3X magnification for sharp images and minimal reflection
Distal F.O. illumination with super bright xenon light
Durable easy locking system
Rheostat
**6 apertures to select from:**
Micro spot aperture
Small aperture
Large aperture
Fixation aperture
Slit
Red-free filter
Enhanced Xenon super bright light

31535

31536





|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 12 | 15 | 20 | 40 |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 15 | 20 | 25 |  |

*Colour coded 28 lenses for perfect examination (GREEN for +, RED for -)*

31535

***F.O. Xenon otoscope set 3.5 V***
*F.O. otoscope head, battery handle with bayonet lock, 1 set of 5 reusable eartips (2.5, 3.5, 4.5, 5.5 & 9.0 mm), tube of 14 disposable eartips (2.5 & 4.0 mm), spare bulb, in a rigid case.*

***F.O. Xenon ophthalmoscope set 3.5 V***
*F.O. ophthalmoscope head, battery handle with bayonet lock, spare bulb, in a rigid case.*

BATTERY INCLUDED

*Plug-in handle*

31537

***F.O. Xenon oto/ophthalmo plug-in set 3.5 V***
*F.O. otoscope head, F.O. ophthalmoscope head, one battery handle with bayonet lock and plug-in, 1 set of 5 reusable eartips (2.5, 3.5, 4.5, 5.5 & 9.0 mm), tube of 14 disposable eartips (2.5 & 4.0 mm), spare oto and ophthalmo bulbs, rechargeable Li-ion battery in a rigid case.*

31538

***F.O. Xenon oto/ophthalmo set 3.5 V***
*F.O. otoscope head, F.O. ophthalmoscope head, two battery handles with bayonet lock, nasal illuminator with F.O. light, 1 set of 5 reusable eartips (2.5, 3.5, 4.5, 5.5 & 9.0 mm), tube of 14 disposable eartips (2.5 & 4.0 mm), spare oto and ophthalmo bulbs in a rigid case.*

31539

***F.O. Xenon ENT diagnostic set 3.5 V***
*F.O. otoscope head, F.O. ophthalmoscope head, battery handle with bayonet lock, nasal illuminator with F.O. light, curved illuminator with bulb, plain mirror 20.0 mm, plastic tongue depressor, 1 set of 5 reusable eartips (2.5, 3.5, 4.5, 5.5 & 9.0 mm) tube of 14 disposable eartips (2.5 & 4.0 mm), spare oto and ophthalmo bulbs, in a rigid case.*

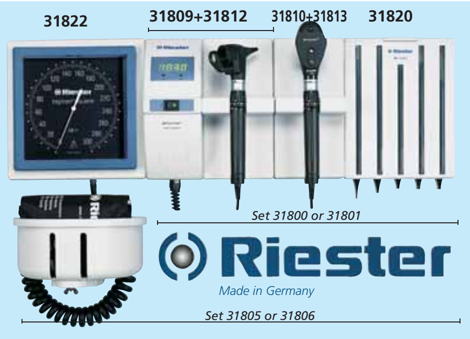
## GIMA VISIO 2000 WALL DIAGNOSTIC STATION - 3.5 V

**• 31545 GIMA WALL DIAGNOSTIC STATION - 3.5 V**
Perfect solution for everyday clinical and hospital life.
The unit has a centralized electrical supply, eliminating the need for conventional or rechargeable batteries.
Wall station is equipped with two handles one with Visio 2000 otoscope Xenon light head and one with Visio 2000 ophthalmoscope Xenon light head.
Main features:
- automatic ON/OFF switching of the handles, the instrument turns off automatically once the handle is placed in the cradle
- non-slip ergonomic handle design
- handle with a brightness control mechanism for light adjustment
- spiral cable enables working at 3 metres

Power: 115-230 V, 50-60 Hz. Disposable ear speculum see page 220

31545

# RI-FORMER® THE MODULAR DIAGNOSTIC STATION 3.5V

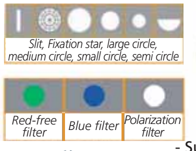


| GIMA code | MODULAR DIAGNOSTIC STATION - XENON |
|---|---|
| 31800 | Ri-Former Diagnostic station 3.5-230V* 50/60 Hz-standard<br>*(include 2 handle oto and ophthalmo head, ear specula dispenser, clock)* |
| 31805 | Ri-Former Diagnostic station 3.5-230V* 50/60 Hz-large<br>*(include 31800 + sphygmomanometer)*<br>**available on request 120V - 50/60 Hz* |
| | **MODULAR DIAGNOSTIC STATION - LED** |
| 31801 | Ri-Former Diagnostic station 3.5-230V* 50/60 Hz-standard<br>*(include 2 handle, LED oto and ophthalmo head, ear specula dispenser, clock)* |
| 31806 | Ri-Former Diagnostic station 3.5-230V* 50/60 Hz-large<br>*(include 31801 + sphygmomanometer)*<br>**available on request 120V - 50/60 Hz* |
| | **RI-FORMER MODULES AND HEADS** |
| 31809 | Basic diagnostic station 1 handle 3.5 - 230V* 50/60 Hz |
| 31810 | Extension module 1 handle |
| 31811 | Ri-scope L2 otoscope head - Led 3.5V |
| 31812 | Ri-scope L1 otoscope head - Xenon 3.5V |
| 31813 | Ri-scope L1 ophthalmoscope head - Xenon 3.5V |
| 31814 | Ri-scope retinoscope head - Xenon 3.5V |
| 31815 | Ri-scope dermatoscope head - Led 3.5V |
| 31817 | Ri-scope L1, L2 ear speculum Ø 2.5 mm** - autoclavable 134°C |
| 31819 | Ri-scope L1, L2 ear speculum Ø 4 mm** - autoclavable 134°C |
| 31820 | Ri-spec ear specula dispenser - specula not included |
| 31822 | Sphygmomanometer with basket |
| 31823 | Ri-thermo N infrared thermometer with 40 covers |
| 31824 | Probe cover for 31823 - box of 100 - spare |
| 31825 | Xenon L1 otoscope bulb 3.5V - spare |
| 31826 | Xenon ophthalmoscope L1, L2, L3 bulb 3.5V - spare |

**Available on request 120V - 50/60 Hz* ***box of 10*

**RI-FORMER MODULAR DIAGNOSTIC STATION**
The modular diagnostic station can be individually combined according to requirements and the room situation, it is variably extendable to the right and the left.
The basic ri-former® module is available with one handle and can be supplemented with up to 4 further handle modules.
- 3.5V Xenon or LED illumination creates lighting conditions similar to daylight
- optimum electronic efficiency using an adjustable dimmer
- constant output voltage independent from the mains supply prolongs the service life of the lamps and guarantees optimum light intensity
- automatic switching on/off of handles when removing or replacing them in the handle unit saves energy and increases the service life of the lamps
- non-slip, ergonomically designed handles with rheostat: infinitely variable regulation of brightness as well as manual switching on/off possible on the handle
- spiral cord expandable up to 3 m
- developed and manufactured in Germany.

# RI-SCOPE® L: LED + Li-ion BATTERIES


Slit, Fixation star, large circle, medium circle, small circle, semi circle
Red-free filter
Blue filter
Polarization filter

**LED illumination: bright, white light with a nearly unlimited lifetime!**
With its monochromatic white light (4,000° Kelvin) the lamp in the ri-scope®L provides cold light and true-colour. CRI > 90. Lamps with LED technology have a lifetime of at least 10,000 hours (compared to 20-30 hours with halogen and Xenon lamps) and are extremely energy-efficient.
**Li-ion batteries - greatest power in the smallest space!**
Considerably higher charging capacity, longer lifetime, lightweight, these are the big advantages of Li-ions batteries; wich provide sustained high performance for up to 1200 charging cycles. LEDs powered by lithium batteries can burn for up to 50 hours.

**• 31830 RI-SCOPE L2 LED OTOSCOPE - 3,5 V**
The newest generation ri-scope®L otoscopes **with optical glass and reduced reflection** combines excellent optical properties and unparalleled performance with the reliability and efficiency of LED/lithium-ion technology.
- optimal beaming and transmission of the light.
- bi-directional swivelling, sealing optical glass 3X
- Suitable for pneumatic test (supplied without ball).
- C handle runs Li-ion batteries, not included.

Supplied in deluxe hard case with one spare lamp, 4 reusable ear specula and 3 disposable ear specula.
Spare ear speculum: use above 31817-31819 (autoclavable) or 31485 to 31499 (disposable) page 220.

**• 31832 RI-SCOPE L2 XENON OPHTHALMOSCOPE - 3,5 V**
The enhanced basic model with separately engageable red-free, blue and polarization filters for each aperture.
- Diopter wheel with 29 corrective lenses Plus 1-10, 12, 15, 20, 40 Minus 1-10, 15, 20, 25, 30, 35
- Easy-to-operate aperture hand-wheel with semi-circle, small/medium/large circle, fixation star, and slit
- Includes filter wheel engageable for all apertures with symbol display, red-free filter, blue filter and polarization filter

**• 31826 XENON L1/L2/L3 OPHTHALMOSCOPE BULB 3,5 V - spare**
**• 31834 RI-SCOPE L2 LED OTOSCOPE + L2 XENON OPHTHALMOSCOPE 3.5 V - C handle**
**• 31841 "C" SIZE Li-ion BATTERY**
**• 31840 RI-CHARGER L 230 V**

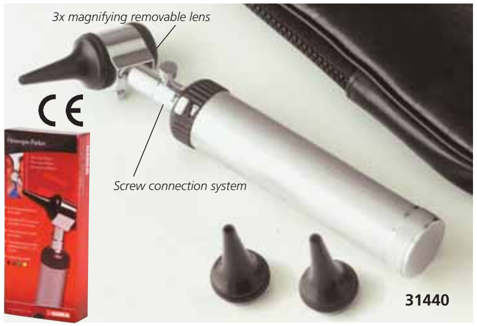
31840

*Table recharge station (with wall holder) recharge 2 "C" handles with Li-ion batteries.*

# GIMA OTOSCOPES: PARKER LINE

VETERINARY OTOSCOPES AND SETS SEE PAGE 370

31442



Print your name here (minimum 100 pcs.)
31436
31437
31435
BAYONET CONNECTION SYSTEM

**PARKER OTOSCOPES**
- reliable and indestructible high quality instrument
- suitable for everyday ear nose and throat examinations
- easily adjustable 2.5 V vacuum light (made in Germany)
- quality 3 times magnifying lens
- available with Plug in and snap (bayonet locking) or knurled screw type otoscope heads
- ideal for pneumatic tympanic membrane tests, can also be used for rhinoscopic examinations
- supplied with 3 autoclavable ear funnels in a colour coordinated zip bag.
All latex free.
- require 2xC batteries (not included)
31441 also works with rechargeable battery

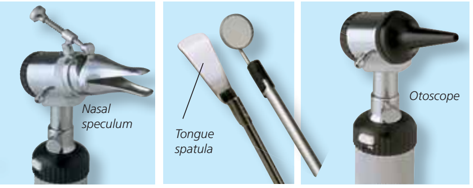
31542

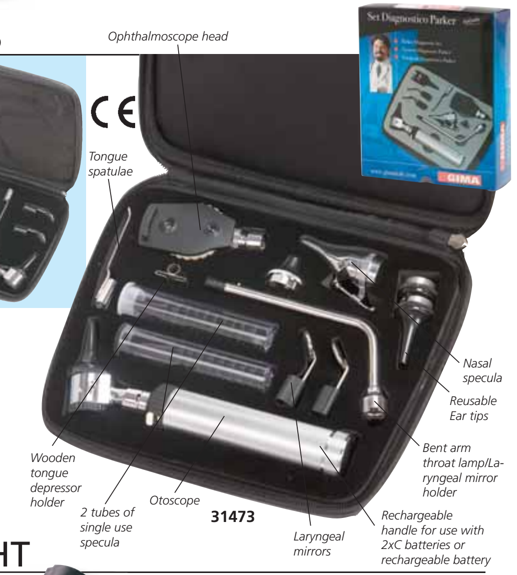
| GIMA code | PARKER OTOSCOPES | | Connection system | Ear Funnels |
|---|---|---|---|---|
| 31435 | Parker colour - green | 🟩 | Bayonet | Ø 2.5, 3.5, 4.5 mm |
| 31436 | Parker colour - blue | 🟦 | Bayonet | Ø 2.5, 3.5, 4.5 mm |
| 31437 | Parker colour - yellow | 🟨 | Bayonet | Ø 2.5, 3.5, 4.5 mm |
| 31440 | Parker - black | ⬛ | Screw | Ø 2.5, 3.5, 4.5 mm |
| 31441 | Parker with rechargeable handle | ⬛ | Bayonet | Ø 2.5, 3.5, 4.5 mm |
| 31442 | Parker veterinary - black | ⬛ | Screw | Ø 4, 5, 7 mm |
| 31449 | Spare bulb 2.5 V for Parker otoscopes 31435-6-7,31440-1-2 | | | |
| 31542 | Charging station for 31441 | | | |
| 34467 | Rechargeable Li-ion battery 2.5 V / 2,200 mAh | | | |

# PARKER DIAGNOSTIC SETS

**• 31471 PARKER DIAGNOSTIC SET**
Lightweight, semi rigid nylon case with one Parker otoscope 2.5 V with rechargeable handle, 3 autoclavable ear speculum (Ø 2.5, 3.5 and 4.5 mm), 2 laryngeal mirrors (size 3 and 4), bent arm throat lamp, tongue spatula, adjustable nasal speculum.
**• 31473 PARKER LARGE SET WITH OPHTHALMO**
Same as code 31471 with an ophthalmoscope head, support for single use tongue depressors and 2 tubes of single use specula.
**• 31446 VACUUM BULB FOR OPHTHALMOSCOPE**
**• 31449 VACUUM BULB FOR OTOSCOPE**
**• 32203 "C" ALKALINE BATTERIES - blister of 2 pcs**
**• 34467 RECHARGEABLE LI-ION BATTERY 2.5 V - needs 31542**

31471




Ophthalmoscope head
Tongue spatula
Nasal specula
Reusable Ear tips
Bent arm throat lamp/Laryngeal mirror holder
Wooden tongue depressor holder
2 tubes of single use specula
Otoscope
31473
Laryngeal mirrors
Rechargeable handle for use with 2xC batteries or rechargeable battery

# LED OTOSCOPE - PEN LIGHT

**• 31300 COMBI SET**
Dual function instrument features convertable diagnostic pen light and mini-otoscope with 3 different sizes of funnels or specula.
White Led light. Packed in a gift box.
Pupil gauge and dual slide rule printed on the penlight.
Supplied with batteries (2xAAA).
**• 32200 "AAA" ALKALINE BATTERIES - blister of 4 pcs**
**• 31345 REUSABLE EAR SPECULUM 2.0 mm - bag of 25**
**• 31346 REUSABLE EAR SPECULUM 4.0 mm - bag of 25**

31300

## XENON-HALOGEN OTO AND OPHTHALMOSCOPE SET

*Rechargeable handle for use with 2xC batteries or rechargeable battery (34467)*

31475

- **31475 XENON-HALOGEN PARKER OTOSCOPE**
Same as PARKER Otoscope code 31440 but with halogen 2.5V bulb, and bayonet connection system. Supplied with 3 autoclavable ear funnels in a soft bag. Requires 2xC batteries (not included) or rechargeable battery.
- **31474 HALOGEN OPERATIVE PARKER OTOSCOPE**
Same as 31475 but with operative head.
- **31476 HALOGEN PARKER OPHTHALMOSCOPE**
2.5V halogen light for true tissue colour and consistent, long lasting illumination 24 colour coded lenses -25 to +40 dioptres for excellent resolution (green for +, red for -). Rubber eye brow rest to prevent scratching of eye-glasses. Illumination lens dial for clear identification of dioptre setting.
- **31477 HALOGEN OTO-OPHTHALMOSCOPE PARKER SET**
Diagnostic set including one handle, one halogen otoscope head and one halogen ophthalmoscope head, all in a plastic case.
- **31478 XENON-HALOGEN BULB FOR OTOSCOPE 2.5V**
- **31479 XENON-HALOGEN BULB FOR OPHTHALMOSCOPE 2.5V**
- **34467 RECHARGEABLE LI-ION BATTERY 2.5 V / 2,200 mAh**
- **31542 CHARGING STATION**
- **32203 "C" ALKALINE BATTERIES - blister of 2 pcs**

CE

31474

31477

*All products are latex free.*

*Supplied in a semi-rigid nylon bag with multilanguage box and manual (GB, FR, IT, ES, PT, DE, GR, Arabic)*

31476

| | |
|---|---|
| + | 1, 2, 3, 4, 5, 6, 8, 10, 12, 15, 20, 40 |
| - | 1, 2, 3, 4, 5, 6, 8, 10, 15, 20, 25 |

## XENON-HALOGEN DIAGNOSTIC SETS IN RIGID CASES

- **31480 XENON-HALOGEN DIAGNOSTIC SET - 3.5 V**
- **31482 XENON-HALOGEN OPERATIVE DIAGNOSTIC SET - 3.5 V**

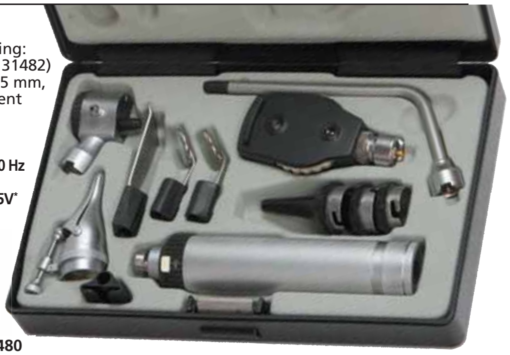
Both xenon-halogen sets are supplied in plastic rigid case containing: one rechargeable handle, one otoscope head (operative for code 31482) one ophthalmoscope head, 3 autoclavable speculum Ø 2.5, 3.5, 4.5 mm, two laryngeal mirrors (size 3 and 4), adjustable nasal speculum, bent throat lamp, tongue spatula. Should be used with 31541 + 31542.

- **31427 XENON-HALOGEN OTOSCOPE BULB 3.5V**
- **31428 XENON-HALOGEN OPHTALMO BULB 3.5V**
- **31542 CHARGING STATION - 100-240 V - 50/60 Hz**
See details at page 327.
- **31541 RE-CHARGEABLE LI-ION BATTERY 3.5V***

*For handles sold after may 2013

*Operative otoscope head*

31542


31480

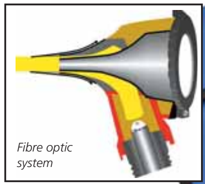
## FIBRE OPTIC XENON-HALOGEN OTOSCOPES

*Insufflation adapter*

- **31520 GIMALUX F.O. OTOSCOPE - black** ■
- **31521 GIMALUX F.O. OTOSCOPE - blue** 🟦
- **31522 GIMALUX F.O. OTOSCOPE - green** 🟩

High professional plastic otoscopes with extra bright halogen light provided by fibre optic system. Quality 3 times magnifying movable lens. Output for pneumatic membrane test. Supplied with 14 single use mini speculums (7 Ø 2.5 and 7 Ø 4 mm) in a colour coordinated nylon bag. For mini ear-speculum see at page 220. All latex free.

- **34485 XENON-HALOGEN BULB 2.5V**
Old model with chrome insufflation adapter need below bulb
- **31478 XENON-HALOGEN BULB 2.5V for old models**


*Fibre optic system*

CE

## DISPOSABLE EAR-SPECULUM FOR "TRADITIONAL" OTOSCOPES

| GIMA code | DISPOSABLE EAR - SPECULUM FOR OTOSCOPES OF DIFFERENT BRANDS | Colour | To be used with | Minimum order |
|---|---|---|---|---|
| 31313 | Disposable ear-speculum Ø 2.5 mm | ■ | **Gowllands** (with connector 31316) | box of 200 pcs. |
| 31315 | Disposable ear-speculum Ø 4 mm | ■ | **Riester** (some models) | box of 200 pcs. |
| 31316 | Connector for 31313-31315 | | Gowllands | |
| 31504 | Disposable ear-speculum Ø 2.5 mm | ■ | **Heine** Beta 100, K100 and Eurolight, | box of 1000 pcs. (20 pack of 50) |
| 31505 | Disposable ear-speculum Ø 4 mm | ■ | **Kawe** C10, C30, Combilight C10 | box of 1000 pcs. (20 pack of 50) |
| 31506 | Disposable ear-speculum Ø 2.5 mm | □ | **Riester:** Ri-star | dispenser of 250 pcs. |
| 31507 | Disposable ear-speculum Ø 4 mm | □ | | dispenser of 250 pcs. |
| 31508 | Disposable ear-speculum Ø 2.5 mm | ■ | **Welch Allyn:** Pocket-pro; Pocket scope | dispenser of 250 pcs. |
| 31509 | Disposable ear-speculum Ø 4 mm | ■ | Series 200, 250 | dispenser of 250 pcs. |

*Suitable for* **RIESTER GOWLLANDS**

31316

31313

31315

*Suitable for* **HEINE**

31504-31505

*Suitable for* **RIESTER**

31506-31507

*Suitable for* **WELCH-ALLYN**

31508-31509

## WELCH-ALLYN KLEENSPEC DISPOSABLE EAR SPECULUM

| GIMA code | WELCH-ALLYN KLEENSPEC Disposable ear-speculum | Colour | To be used with | Minimum order |
|---|---|---|---|---|
| 72570 | KleenSpec ear-speculum Ø 3 mm | ■ | Welch-Allyn 20100, 20200 | box of 100 (4 packs of 25 pcs.) |
| 72571 | KleenSpec ear-speculum Ø 4 mm | ■ | 20202, 21600, 21700 | box of 100 (4 packs of 25 pcs.) |
| 32105 | KleenSpec ear-speculum Ø 2.75 mm | ■ | Welch-Allyn, Macroview | box of 850 |
| 32106 | KleenSpec ear-speculum Ø 4.25 mm | ■ | Riester Ri-scope L2, L3 | box of 850 |

WelchAllyn

## ALKALINE, LITHIUM AND ZINC-AIR "ACOUSTIC" BATTERIES

32200

32201

32203

32202

FOR GENERAL USE APPLICATIONS

32211

FOR ELECTRONIC

32220

32221

FOR ACOUSTIC

| GIMA code | VARTA ALKALINE HIGH ENERGY BATTERIES | Type | Blister |
|---|---|---|---|
| 32200 | Varta ministilo H.E. - alkaline | AAA | 4 pcs. |
| 32201 | Varta stilo H.E. - alkaline | AA | 4 pcs. |
| 32203 | Varta half torch H.E. - alkaline | C | 2 pcs. |
| 32204 | Varta torch H.E. - alkaline | D | 2 pcs. |
| 32205 | Varta 9V H.E. - alkaline | 9V | 1 pc. |

| GIMA code | VARTA ENERGY ALKALINE BATTERIES - BULK | Type | Box |
|---|---|---|---|
| 32202 | Varta Energy Stilo - alkaline | AA | 24 pcs. |

| GIMA code | VARTA LITHIUM BATTERIES - BUTTON | Blister |
|---|---|---|
| 32210 | Varta 2016 - lithium button | 1 pc. |
| 32211 | Varta 2025 - lithium button | 1 pc. |
| 32212 | Varta 2032 - lithium button | 1 pc. |
| GIMA code | RAYOVAC ZINC- AIR "ACOUSTIC BATTERIES" - mercury free | Blister |
| 32220 | Rayovac 675 - zinc air - acoustic | 6 pcs. |
| 32221 | Rayovac 13 - zinc air - acoustic | 6 pcs. |
| 32222 | Rayovac 312 - zinc air - acoustic | 6 pcs. |
| 32223 | Rayovac 10 - zinc air - acoustic | 6 pcs. |

## RECHARGEABLE BATTERIES AND CHARGERS

| GIMA code | VARTA POWER PLAY RECHARGEABLE BATTERIES | Type | Blister |
|---|---|---|---|
| 32235 | Varta ministilo - 1000 mAh | AAA | 2 pcs. |
| 32236 | Varta stilo - 2400 mAh | AA | 4 pcs. |

32236

32242

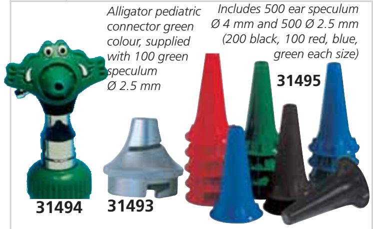
32241

| GIMA code | CHARGERS FOR ANY BRAND | Power supply | Sizes mm | Weight g | To be used with: | Recharging time | Supplied with: | 12V+USB adaptor |
|---|---|---|---|---|---|---|---|---|
| 32241 | Universal charger | 100 - 240 V | 172x109x53 | 403 | AAA, AA, C, D, 9 C | 5 h | - | no |
| 32242 | LCD charger | 110 - 240 V | 120x230x75 | 359 | AAA, AA | 2-4 h | 4AA | yes |

# GIMA DISPOSABLE EAR-SPECULUM FOR MINI OTOSCOPES OF DIFFERENT BRANDS

| GIMA code | GIMA DISPOSABLE SPECULUM FOR MINI OTOSCOPES - LATEX FREE | Colour | Compatibility | | Minimum order |
|---|---|---|---|---|---|
| | | | Direct fit | Fit with connector 31493 | |
| **31485** | Disposable Mini ear-speculum Ø 2.5 mm - grey | ⬜ | **Gima** 31520-22, 31525-26, 31535, 31545<br>**Heine** mini 2000, 3000, K180/Beta 200<br>**Riester** Ri-Mini, Ri-scope L1-L2, E-scope, Pen-scope<br>**Kawe** (Picolight, Combilight F030, Eurolight F030)<br>**Holtex**<br>**Colson**<br>**Luxamed** | Gima: 31435-37, 31440-42, 31471, 31473, 31475, 31477, 31480, 31493 | dispenser of 250 |
| **31486** | Disposable Mini ear-speculum Ø 4 mm - grey | ⬜ | | | dispenser of 250 |
| **31487** | Disposable Mini ear-speculum Ø 2.5 mm - black | ⬛ | | | dispenser of 250 |
| **31488** | Disposable Mini ear-speculum Ø 4 mm - black | ⬛ | | | dispenser of 250 |
| **31491** | Disposable Mini ear-speculum Ø 2.5 mm - black | ⬛ | | | pack of 100 |
| **31492** | Disposable Mini ear-speculum Ø 4 mm - black | ⬛ | | | |
| **31495** | Disposable Mini ear-speculum mixed colours and Ø | 🟦🟥🟩⬛ | | | box of 1,000 |
| **31496** | Disposable Mini ear-speculum Ø 2.5 mm - blue | 🟦 | | | pack of 100 |
| **31497** | Disposable Mini ear-speculum Ø 4 mm - blue | 🟦 | | | pack of 100 |
| **31498** | Disposable Mini ear-speculum Ø 2.5 mm - green | 🟩 | | | pack of 100 |
| **31499** | Disposable Mini ear-speculum Ø 4 mm - green | 🟩 | | | - |

| GIMA code | CONNECTORS FOR MINI EAR SPECULUM | Colour | To be used with GIMA codes |
|---|---|---|---|
| **31493** | Connector to GIMA Parker otoscope for Mini ear-speculum | | 31435, 31436, 31437, 31440, 31441, 31442, 31471, 31473, 31475, 31477 |
| **31494** | ALLIGATOR connector (supplied with 100 ear speculum) | 🟩 | 31435, 31436, 31437, 31440, 31441, 31442, 31471, 31473, 31475, 31477 |



*Alligator pediatric connector green colour, supplied with 100 green speculum Ø 2.5 mm*

*Includes 500 ear speculum Ø 4 mm and 500 Ø 2.5 mm (200 black, 100 red, blue, green each size)*

**31485-31486**

*Dispenser of 250 pcs*

## HEINE DISPOSABLE MINI EAR-SPECULUM

**31501**

*Wall dispenser of mini speculum - empty*

| GIMA code | HEINE DISPOSABLE MINI EAR SPECULUM* | Minimum order |
|---|---|---|
| **31501** | HEINE dispenser for mini speculum - empty | - |
| **31502** | HEINE disposable Allspec® speculum Ø 2.5 mm - grey | dispenser of 250 |
| **31503** | HEINE disposable Allspec® speculum Ø 4 mm - grey | dispenser of 250 |
| **31515** | HEINE disposable Allspec® speculum Ø 2.5 mm - grey | box of 1,000 |
| **31516** | HEINE disposable Allspec® speculum Ø 4 mm - grey | box of 1,000 |

*Compatible with Heine Mini 2000/3000 K180, Beta 200

## RIESTER AUTOCLAVABLE MINI EAR-SPECULUM

*Compatible with Ri-scope L1,L2, E-scope, Ri-mini, Pen-scope*

**31817**

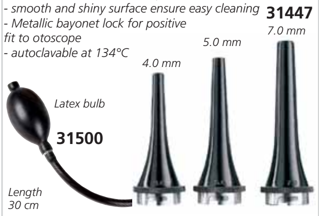
**31819**

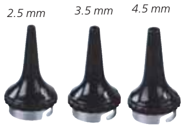
| GIMA code | AUTOCLAVABLE MINI EAR SPECULUM | Colour | Minimum order |
|---|---|---|---|
| **31817** | Riester ear speculum Ø 2,5 mm - black | ⬛ | box of 10 pcs. |
| **31819** | Riester ear speculum Ø 4 mm - black | ⬛ | box of 10 pcs. |

# REUSABLE CANNULAS AND EAR SPECULUM

| GIMA code | AUTOCLAVABLE SPECULUM FOR PARKER OTOSCOPES - LATEX FREE | Colour | To be used with GIMA code | Also compatible with | Minimum order |
|---|---|---|---|---|---|
| **31447** | Kit 3 autoclavable veterinary speculum Ø 4, 5, 7 mm | ⬛ | 31435-37, 31440-42, 31471, 31473, 31475, 31477,31480 | Heine, Kawe, Riester | One kit |
| **31448** | Kit 3 autoclavable speculum Ø 2.5, 3.5, 4.5 mm | ⬛ | 31435-37, 31440-42, 31471, 31473, 31475, 31477,31480 | Heine, Kawe, Riester | One kit |
| **31451** | Kit of 5 autoclavable speculum Ø 2.5, 3.5, 4.5, 5.5, 9 mm | ⬛ | 31435-37, 31440-42, 31471, 31473, 31475, 31477,31480 | Heine, Kawe, Riester | One kit |
| **31453** | Kit of 3 metal cannulas (Ø 4, 5, 6 mm) + 2 slotted metal specula (Ø 7.5 and 9.4 mm) | ⬜ | 31435-37, 31440-42, 31471, 31473, 31475, 31477,31480 | Heine, Kawe, Riester | One kit |
| **31500** | Pneumatic bulb for Otoscopes | ⬛ | 31435/36/37/40/42/71/73/75/77-31520/21/22, 31535 | Heine, Kawe, Riester | - |

*Gima autoclavable ear speculum 31447, 31448, 31451 features:*
*- made from resilient thermoplastic material*
*- smooth and shiny surface ensure easy cleaning*
*- Metallic bayonet lock for positive fit to otoscope*
*- autoclavable at 134°C*





*2 slotted models with 60 mm opening and round edges, ideal for instrumentation, atraumatic insertion*

*Matt inner surface to reduce risk of reflection*

# OTOSCILLO® ELECTRICAL IRRIGATION DEVICE

- **25815 OTOSCILLO®**
- **25800 PROFESSIONAL OTOSCILLO®**

Otoscillo® is designed for automated ear rinsing both in hospitals and during private consultations. Innovative, compact, efficient and rapid, the Otoscillo® combines the most sophisticated operating qualities with the best security guarantees, all in a single device.

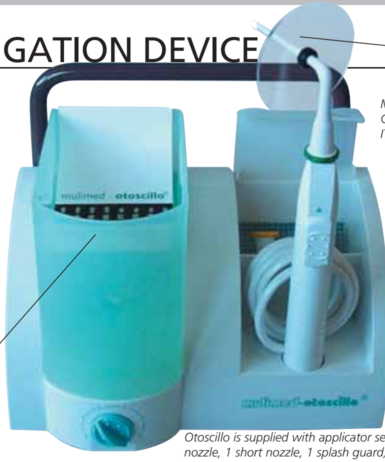
**Anywhere, anytime**

Otoscillo® is an electrical irrigation for simplified rinsing of the ear canal. The pulsating stream system makes it easier to remove cerumen, even at low pressure control, Otoscillo® is particularly adapted to the treatment of sensitive ear canals. It looks less alarming and it is easier to use, with greater accuracy and security, than the alternatives. The water basin is removable to allow easy filling and emptying. Can be mounted on a wall (only 25815) or a cupboard. Operating power: 220V - 50/60 Hz.

**Professional Otoscillo®** same as 25815, but supplied with automatic back stop behind disposable nozzle for preventing cross-infections.

- **25816 SPARE SET (2 reusable tips + disk) for 25815**
- **25817 SPARE HANDLE + TUBE**
- **25814 DISPOSABLE TIPS SET**
**(100 disposable tips, 1 disk, connector) for 25800 and 25815**
- **25818 DISPOSABLE TIPS for 25800 - box of 100**

**25800**



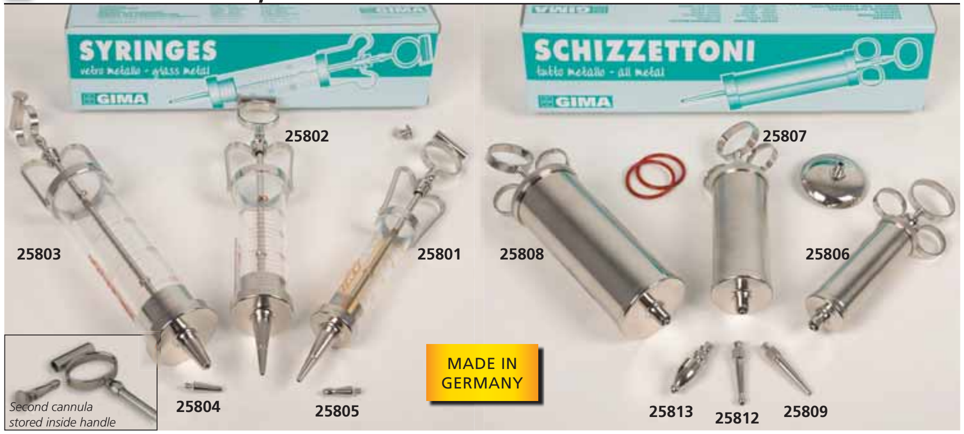
*Manual in GB, FR, DE, IT, ES.*

*Made in Germany*

**25815**

*Otoscillo is supplied with applicator set (1 long nozzle, 1 short nozzle, 1 splash guard) carrying handle and temperature test card*

# GLASS-METAL, ALL-METAL AND SINGLE-USE EAR SYRINGES



**GLASS-METAL JANET RECORD SYRINGES**

High quality, reliable and accurate glass-metal syringes. Janet Record come complete with 2 cannulas, one conical, one oval. Individually packed in cardboard box. Made in Germany.

| GIMA code | GLASS-METAL SYRINGES COMPLETE WITH 2 CANNULAS |
|---|---|
| **25801** | Janet Record 50 cc - 13 x Ø 3.5 cm |
| **25802** | Janet Record 100 cc - 14 x Ø 4.7 cm |
| **25803** | Janet Record 200 cc |
| **25804** | Spare cannula for Janet Record (conical shape) |
| **25805** | Spare cannula for Janet Record (olive shape) |

**ALL-METAL SCHIMMELBUSCH SYRINGES**

High quality, reliable and accurate syringes. Schimmelbusch come complete with 3 cannulas and ear bowl. Individually packed in cardboard box. Made in Germany.

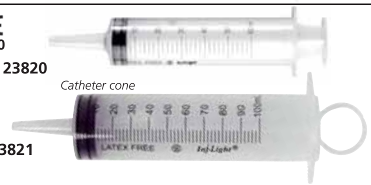
| GIMA code | ALL-METAL SYRINGES COMPLETE WITH 3 CANNULAS AND EAR BOWL |
|---|---|
| **25806** | Schimmelbusch 50 cc |
| **25807** | Schimmelbusch 100 cc |
| **25808** | Schimmelbusch 200 cc |
| **25809** | Spare cannula for Schimmelbusch (conical shape) |
| **25812** | Spare cannula for Schimmelbusch (olive shape) small |
| **25813** | Spare cannula for Schimmelbusch (olive shape) large |

# HIGH CAPACITY POLYPROPYLENE SYRINGES

CE 1370

STERILE EO

PHT LATEX



**HIGH CAPACITY POLYPROPYLENE SYRINGES - sterile**

Sterile, single use, latex free syringes for ear and other purposes. Box in GB, FR, IT, ES, DE, PT, GR, RO, RU, YU, SA. Medical Device class IIa.

| GIMA code | HIGH CAPACITY, POLYPROPYLENE SYRINGES STERILE - CATHETER CONE | Minimum order |
|---|---|---|
| **23820** | Syringe 60 ml | box of 20 |
| **23821** | Syringe 100 ml | box of 25 |

# OTOCLEAR® EAR IRRIGATION SYSTEM

*Kit includes:*
*1 spray wash bottle*
*20 otoclear tips*
*1 ear basin*

**25858**

- **25858 OTOCLEAR EAR SPRAY WASH**
- manual, intermittent lavage
- delivers greater volume compared to syringes or other manual devices
- efficient design allows for two handed procedure

*Thermometer for water temperature*

*Improved patient comfort thanks to the soft "gentle touch" design*

**• 25861 OTOCLEAR EAR IRRIGATION TIPS single use - box of 40 - spare**
Flared design protects against over-insertion. The tip directs three streams of water towards the walls of the ear canal, away from the tympanic membrane, creating a turbulent lavage that effectively dislodges the cerumen.
The exit portal controls backsplash and directs drainage into a basin.

**• 25862 EAR IRRIGATION BASINS - box of 3 - spare**

*Patented 3-stream action*

# LOOP-SPOON EAR CURETTES

**• 31470 GIMA EAR CURETTES - box of 10 pcs**
Double function curettes: one side spoon, one side loop.
Each curette is individually packed in a single pouch.

**31470**

# BIONIX EAR CURETTES

***FLEXLOOP:***
*For normal curettage*
*Most flexible of all*
*Least traumatic*
*Rounded tips for comfort*
*4 mm wide tip*

***MICROLOOP:***
*For compact cerumen*
*More rigid construction*
*Tip can be angled for added strength*
*Rounded tip for comfort*
*3 mm wide tip*

***INFANTSCOOP:***
*For the smallest ears*
*For when a small scoop works better*
*Can be used through an otoscope • Flexible*
*2 mm wide tip*

***CERASPOON:***
*For viscous cerumen*
*For extensive cerumen buildup*
*For when a large scoop works better*
*4 mm wide tip*

**The complete cerumen management system**
- **31462 FLEXLOOP - white - box of 50 pcs**
- **31464 INFANTSCOOP - light blue - box of 50 pcs**
- **31460 MICROLOOP - green - box of 50 pcs**
- **31467 CERASPOON - yellow - box of 50 pcs**

Our four styles of curettes give you the most effective, economical and safe way to remove cerumen - whatever the size of ear or consistency of cerumen.
**Patient comfort:** Metal curettes are cold, hard and sharp. BIONIX ear curettes with rounded plastic tips reduce trauma and risk of laceration. Latex free.
**Effectiveness:** Ear curettes can duplicate the effectiveness of metal curettes in almost any situation and their polypropylene composition makes them virtually unbreakable.
**Disposability:** Ear curettes don't require expensive and time-consuming sterilization and eliminate the risk of cross-contamination.

# LIGHTED EAR CURETTES

**• 31450 KIT MIXED LIGHTED CURETTES**
Kit is composed by 50 lighted curettes (8 FlexLoop and 7 of each of below other 6 tip styles) + LED illuminator + magnification lens

***MicroLoop®***
*3 mm diameter loop*

***FlexLoop®***
*4 mm diameter tip*

***InfantScoop®***
*2 mm diameter tip*

***AngleLoop®***
*Angled 4 mm diameter loop*

***WaveCurette™***
*new wave like 2.5 mm tip*

***VersaLoop®***
*3 mm wide tip*

***CeraSpoon®***
*4 mm wide tip*

*Scan QR code with your web enabled camera phone to see Video*

**31458**

*Lighted forceps for foreign body removal with LED illuminator*

**31459**

*Lighted ear curette 3 mm tip with LED illuminator*

- **31461 KIT MICROLOOP**
- **31463 KIT FLEXLOOP**
- **31465 KIT INFANTSCOOP**
- **31466 KIT ANGLELOOP**
- **31468 KIT VERSALOOP**

*Ear curette tip has a 90° range of motion. It articulates to assist in removal of cerumen from the ear canal*

All kits are composed by 50 lighted curettes + LED light source + magnification lens

**• 31458 LIGHTED FORCEPS - box of 10 + magnification lens + LED illuminator**

**• 31459 LIGHTED ARTICULATING CURETTES - box of 25 + magnification lens + LED light source**

# WOOD TONGUE DEPRESSORS

**25511**

**PERSONALIZATION**
minimum: 100,000 pieces
ask for leaflet

Quality tongue depressors manufactured with selected high quality smooth birch wood. Edges accurately finished. 150x18x1.6 mm. Individually packed in a paper envelope and sterilized.

| GIMA code | WOOD TONGUE DEPRESSOR - STERILE |
|---|---|
| **25511** | Tongue depressor - box of 50 |
| **25512** | Tongue depressor - box of 2,000 (40 boxes of 50 pcs) |

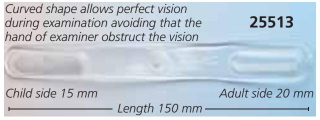
Wooden medical tongue depressors made of quality birch wood.
Edges accurately finished.
Size: 150x18x1.6 mm
Made in PRC.

| GIMA code | WOOD TONGUE DEPRESSORS NON-STERILE |
|---|---|
| **25509** | Tongue depressor - box of 100 |
| **25510** | Tongue depressor - box of 5,000 (50 boxes of 100 pcs) |

# PLASTIC TONGUE DEPRESSORS

*Multilanguage box: GB, FR, IT, ES, DE, PT, GR, Arab*

**• 25505 PLASTIC COLOURED TONGUE DEPRESSORS**
Plastic tongue depressor animal shaped with bright colour.
Each tongue depressor is individually packed in transparent pouch.
Packed in box of 50 pieces.

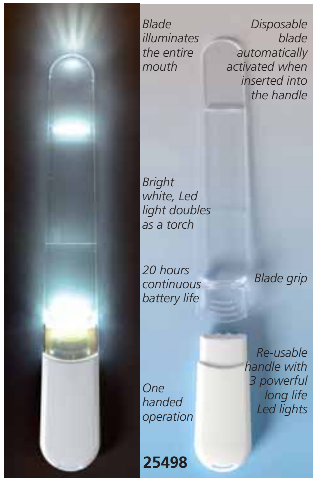

*Curved shape allows perfect vision during examination avoiding that the hand of examiner obstruct the vision*

**25513**

**PLASTIC TONGUE DEPRESSOR**
Translucent tongue depressors made in polystyrene with curved shape and smooth edges. One end in adult size and one end in child size. Latex and PVC free. Sterile model is individually packed in a peel-open pack (ethylene oxide).

| GIMA code | PLASTIC TONGUE DEPRESSORS ADULT/PEDIATRIC |
|---|---|
| | NON-STERILE CE |
| **25513** | Tongue depressor - box of 100 |
| | STERILE CE 0120 |
| **25515** | Tongue depressor - box of 90 |
| **25516** | Tongue depressor - box of 1,800 (20 boxes of 90 pcs) |

# THROAT SCOPE®


Blade illuminates the entire mouth
Disposable blade automatically activated when inserted into the handle
Bright white, Led light doubles as a torch
20 hours continuous battery life
Blade grip
One handed operation
Re-usable handle with 3 powerful long life Led lights

**25498**

**• 25498 THROAT SCOPE® KIT 1 handle + 3 blades - blister**
Throat Scope is an illuminated tongue depressor that allows the clinician a one handed operation for oral cavity examination. The light is guided by the blade to illuminate the mouth for a quick examination by the clinician.
Light is automatically activated when you insert single use blade into the handle.

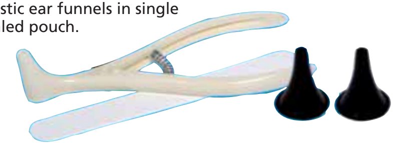
**• 25499 THROAT SCOPE® DISPOSABLE BLADES - box of 100 - non sterile**

*Simultaneously depresses the tongue and illuminates the mouth*

# STERILE ENT KITS

**• 31456 STERILE ENT KIT A - box of 25 pcs.**
Kit includes one plastic nasal speculum, one plastic tongue depressor and two (adult and pediatric size) plastic ear funnels in single sealed pouch.

CE 0476



**• 31457 STERILE ENT KIT B - box of 10 pcs.**
Kit includes one plastic nasal speculum, one plastic tongue depressor, two (adult and pediatric size) plastic ear funnels, two plastic laryngeal mirrors, one plastic forceps, six cotton tip applicators, one napkin, all packed in a sterile plastic tray.

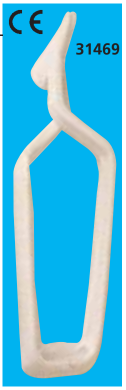
CE 0123

# NASAL SPECULUM

**31469**

*The use of stainless steel speculum can be a chilling experience for the patient. Now you can combine patient comfort with effective treatment. Smooth, warm tips make disposable Nasal Speculum more comfortable and less alarming to the patient.*

**• 31469 DISPOSABLE NASAL SPECULUM - box of 48**
Innovative plastic, disposable nasal speculum with handle: allows superior view of nasal cavity. Helps extract foreign objects from nasal cavity. Facilitates packaging of cauterizing of bleeding noses. Latex free.



## WELCH ALLYN HALOGEN PROFESSIONAL PENLIGHT

- **25622 W.A. HALOGEN PENLIGHT with 2 x AAA batteries**

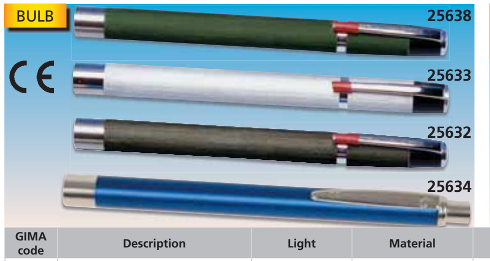
Bright white halogen light.
Durable solid brass construction.

- **25618 BULB for W.A. PENLIGHT - spare**

## TOP QUALITY BULB OR LED PENLIGHTS - MADE IN GERMANY

Professional penlights, also suitable for diagnostic, with bulb or white LED with quick clip shifter mechanism or push button (25634). Argenta and Elegance made of anodized aluminium, Nova in top-quality ABS plastic housing. Supplied with 2x1.5V AAA batteries.

BULB



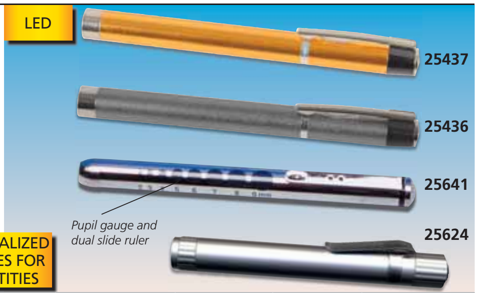
LED
100,000 HOURS
LIFETIME

| GIMA code | Description | Light | Material | Supplied with batteries | Colour | Origin | on/off by |
|---|---|---|---|---|---|---|---|
| **25632** | Argenta torch | bulb | metal | 2 x AAA | ⬛ black | Germany | Pocket clip |
| **25633** | Argenta torch | bulb | metal | 2 x AAA | ▨ silver | Germany | Pocket clip |
| **25638** | Argenta torch | bulb | metal | 2 x AAA | 🟩 green | Germany | Pocket clip |
| **25634** | Elegance torch | bulb | metal | 2 x AAA | 🟦 blue | Germany | Push button |
| **25440** | Nova torch | LED | plastic | 2 x AAA | ⬜ white | Germany | Pocket clip |
| **25442** | Argenta torch | LED | metal | 2 x AAA | 🟦 blue | Germany | Pocket clip |

## BULB OR LED TORCHES PENLIGHTS

BULB

LED



PERSONALIZED TORCHES FOR QUANTITIES

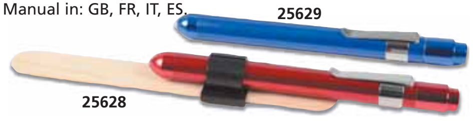
| GIMA code | Description | Light | Material | Supplied with batteries | Colour | Packaging | Origin | on/off by |
|---|---|---|---|---|---|---|---|---|
| **25626** | Alfa torch | bulb | plastic | 2 x AAA | 🟦 blue | Blister | Asia | Pocket clip |
| **25627** | Alfa torch | bulb | plastic | 2 x AAA | ⬜ white | Blister | Asia | Pocket clip |
| **25639** | Beta torch | bulb | stainless steel | 2 x AAA | ▨ silver | Plastic case | Asia | Push button |
| **25434** | Stylo torch | bulb | metal | 2 x AAA | ⬜ white | Blister | Asia | Push button |
| **25641** | Spirit torch | LED | chrome plated brass | 2 x AAA | ▨ silver | Box | Asia | Pocket clip |
| **25436** | Omega Torch | LED | metal | 2 x AAA | ▨ silver | Plastic case | Asia | Pocket clip |
| **25437** | Omega Torch | LED | metal | 2 x AAA | 🟫 gold | Plastic case | Asia | Pocket clip |
| **25624** | GIMA torch | LED | metal | 2 x AAA | ▨ silver | Box | Asia | Push button |

## DELTA PENLIGHTS WITH TONGUE DEPRESSOR HOLDER

- **25628 DELTA "LED" PENLIGHT - red**
- **25629 DELTA "LED" PENLIGHT - blue**

Delta penlights are supplied in aluminium box with 2 AAA batteries and holder for tongue depressors (tongue depressor not included). Manual in: GB, FR, IT, ES.

25628



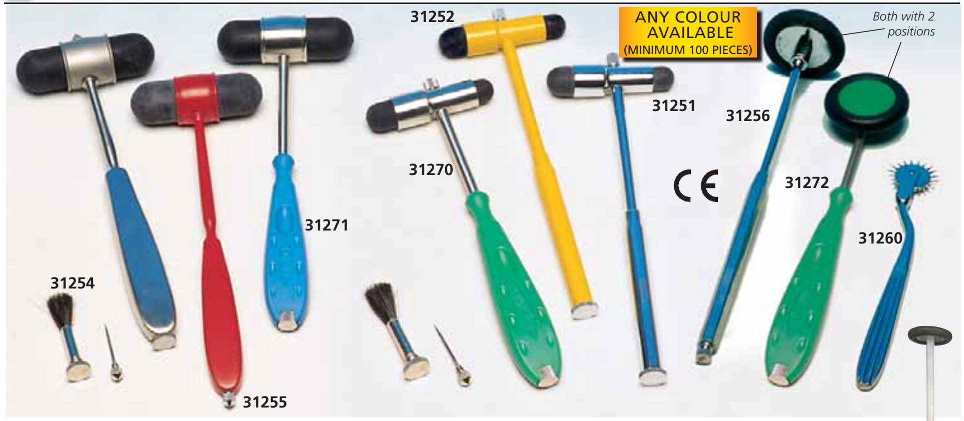
- **25625 DELTA "LED" OTOSCOPE PENLIGHT - black**

Same as 25628-9 but with otoscope head, 3 ear funnels and 5 black plastic tongue depressors.

- **31345 REUSABLE EAR SPECULUM 2.0 mm - bag of 25**
- **31346 REUSABLE EAR SPECULUM 4.0 mm - bag of 25**

## NEUROLOGICAL REFLEX PERCUSSORS - LATEX FREE

ANY COLOUR AVAILABLE (MINIMUM 100 PIECES)



| GIMA code | PERCUSSORS | Colour | | Handle | Pin | Brush | Weight | Length |
|---|---|---|---|---|---|---|---|---|
| **31270** | Buck Gima 2000 | green | 🟩 | plastic/stainless steel | yes | yes | 85 g | 18 cm |
| **31251** | Buck Classic | silver | ▨ | chromed brass | yes | yes | 90 g | 18 cm |
| **31252** | Buck colour-yellow | yellow | 🟨 | brass colour coated | yes | yes | 90g | 18 cm |
| **31271** | Dejerine Gima 2000 | blue | 🟦 | plastic/stainless steel | yes | yes | 110 g | 21 cm |
| **31254** | Dejerine Classic | silver | ▨ | stainless steel | yes | yes | 140 g | 21 cm |
| **31255** | Dejerine colour | red | 🟥 | brass colour coated | yes | yes | 125 g | 21 cm |
| **31256** | Babinsky - Ø 4.5 cm | silver | ▨ | chrome plated | yes | no | 170 g | 24 cm |
| **31257** | Queens - Ø 5 cm | silver | ▨ | flexible plastic | no | no | 100 g | 33 cm |
| **31258** | Troemner | silver | ▨ | stainless steel | no | no | 200 g | 23 cm |
| **31260** | Pinwheel | silver | ▨ | chrome plated | no | no | 50 g | 18 cm |
| **31272** | Babinsky-Gima 2000 | green | 🟩 | plastic | no | yes | 80 g | 24 cm |
| **31273** | Taylor Gima | red | 🟥 | plastic/stainless steel | no | yes | 70 g | 20 cm |

## NEUROLOGICAL KIT

- **31265 NEUROLOGICAL KIT - 3 hammers**

This kit includes 3 metal hammers in a foam box: Taylor hammer, Buck hammer and Babinsky hammer.

## MONOFILAMENT - SENSORY EVALUATOR

Supplied in pouch with multilingual user manual and 3 spare monofilaments

- **31282 MONOFILAMENT TOOL - sensory evaluator**

Plastic retractable monofilament with 3 spare monofilaments. Evaluates both diminishing and returning sensation (touch test). Examines levels of sensory function and changes in neuro status. Monofilament is calibrated at 10 g.
Size: 13x2.5 cm + 4 cm monofilament

- **31281 KIT OF 3 MONOFILAMENTS - spare**

## THERMO FEEL

- **31278 THERMO FEEL**

Useful tool for diagnosis of neuropathy in diabetes patients. Both sides (one stainless steel and one plastic) are alternatively put in contact with foot skin of the patient. Patient perception of cool or warm allows a first diagnosis of diabetes.

## TWO POINTS DISCRIMINATOR

- **31279 TWO POINTS DISCRIMINATOR**

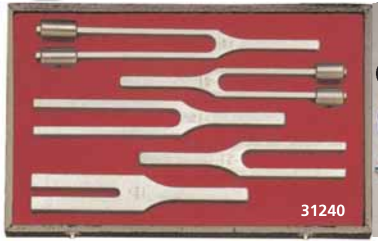
Plastic (ABS) caliper with scale printed on aluminium plate. Two point discrimination is the ability to discern that two nearby objects touching the skin are truly two distinct points, not one. It is often tested with two sharp points during a neurological examination and reflects how finely innervated an area of skin is. Reliable and widely used technique for determining tactile gnosis.

## TRIGONAL MONOFILAMENT

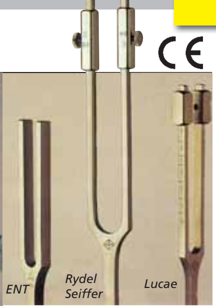
- **31277 TRIGONAL MONOFILAMENT**

Trigonal shape diabetic monofilament with 3 different monofilament diameters: 0.4, 0.5 and 0.7 mm

## GERMAN-MADE DIAPASONS - TUNING FORKS


31240

31246
31245
31247



31245 31247 31246

**ENT TUNING FORKS:**
All made in Germany, with age-long craftsmanship experience, in special alloy that ensures maximum sound precision.

| GIMA code | ENT TUNING FORKS |
|---|---|
| **31230** | Tuning fork 128 Hz* - with weight |
| **31231** | Tuning fork 256 Hz* - with weight |
| **31232** | Tuning fork 512 Hz |
| **31233** | Tuning fork 1024 Hz |
| **31234** | Tuning fork 2048 Hz |
| **31235** | Tuning fork 4096 Hz |
| **31240** | Set of 5 tuning forks in a stylish lined case (contains 128 Hz*, 256 Hz*, 512 Hz, 1024 Hz, 2048 Hz).<br>*Tuning forks with asterisk * are supplied with weight* |

**ENT/NEUROLOGY TUNING FORKS**
All made in a special alloy and supplied with base.

| GIMA code | ENT/NEUROLOGY TUNING FORKS |
|---|---|
| **31245** | Tuning fork a1-440 Hz - ENT - 90 g |
| **31246** | Tuning fork - LUCAE - 85 g<br>adjustable from c128 to h240 with foot |
| **31247** | Tuning fork C64, c128 - RYDEL SEIFFER<br>detachable slider either C64 or c128 - 130 g |
| **31249** | Hammer neurotone 5 in a lined case |

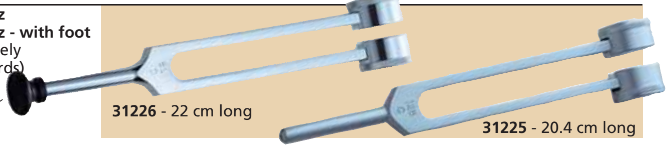
*Neurotone hammer: set of 5 components for a complete neurological examination: percussion hammer + tuning fork 256 Hz with weight + pin + brush. All fitted in a stylish case.*

31249

## ALUMINIUM ALLOY DIAPASONS - TUNING FORKS

- **31225 ALUMINIUM TUNING FORK 128 Hz**
- **31226 ALUMINIUM TUNING FORK 128 Hz - with foot**

Made of finest aluminium alloy and precisely shaped to meet highest requisites (standards) in medical field.



31226 - 22 cm long
31225 - 20.4 cm long

## NYSTAGMUS SPECTACLES - DR. FRENZEL - MADE IN GERMANY

- **31204 NYSTAGMUS SPECTACLES - DR. FRENZEL - black**

Easy to use in the search of spontaneous or provoked nystagmus. Fixed, biconvex lens + 18.0 diopters. Nystagmus spectacles should be connected only with < 4.2 V transformer as per safety norms 93/42/EEC. See code 31203 or 31214

- **31214 BATTERY handle for 31204**

Offers mobility during examination. Needs 3x1.5 V CLR14 batteries (not included)

- **31203 PLUG-IN TRANSFORMER for 31204**
- **31206 BATTERY NYSTAGMUS SPECTACLES - DR. FRENZEL - black**

This model allows wireless working and is provided with power through the adjustable battery placed above the spectacle. Requires three 1.5 Volt batteries, size C LR14/AM-2 (baby cells). Illumination can be adjusted through a turn of the switch.

- **31208 NYSTAGMUS BULB - spare for 31204, 31206**

4 Volt 0.230 Ampere, 1 Watt threading Ø 3.5x0.35 mm

- **31207 LED BATTERY NYSTAGMUS SPECTACLES - white**

Same as 31206 with LED and inner function that makes easier watching the rashes within a particular time period (30, 60, 90 seconds).

- **31209 LED POWER SUPPLY NYSTAGMUS SPECTACLES - white**

Same as 31204 with LED and rechargeable power supply.

31214

31203

31204

LED + BATTERY
Suggested for short examinations
Adjustable illumination through a slight turn around of the switch
31207

31209

## USB VIDEONYSTAGMOSCOPE SYSTEMS

- **31213 VIDEO-NYSTAGMOSCOPE - USB - mask with Ir camera and USB cable**

Facilitate to view and register the Nystagmus through standard vestibular tests (both position and instrumental proof).
This system allows to view on the monitor or PC/Notebook images of patient eyes during tests and to make Visual Suppression Test (VST) through a green LED light inside the mask to allow fixation. Innovative technology allows to get quality images. Power 12V DC.

31213

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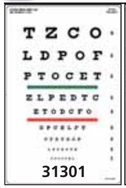
## OPTOMETRIC CHARTS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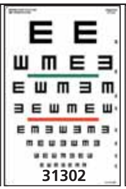
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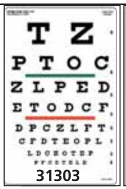
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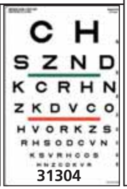
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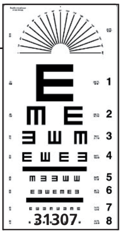
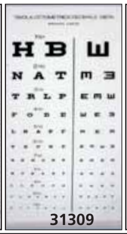

31307

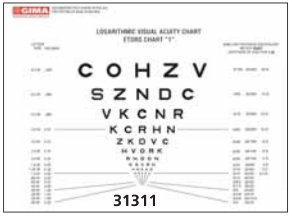
31308


31309

31310

| GIMA code | OPTOMETRIC CHARTS* | Working distance | | Size cm |
|---|---|---|---|---|
| **31301** | SNELLEN eye chart with red/green bar visual acuity test | 10 feet | 3 m | 23x35.5 |
| **31302** | TUMBLING “E“ colour vision chart-visual acuity screen | 20 feet | 6.1 m | 23x35.5 |
| **31303** | SNELLEN eye chart for visual acuity and colour vision test | 20 feet | 6.1 m | 23x35.5 |
| **31304** | SLOAN colour bar visual acuity chart | 20 feet | 6.1 m | 23x35.5 |
| **31307** | TUMBLING “E“ eye chart | 20 feet | 6.1 m | 28x56 |
| **31308** | TRADITIONAL SNELLEN eye chart | 20 feet | 6.1 m | 28x56 |
| **31309** | MIXED DECIMAL chart | 10 feet | 3 m | 28x56 |
| **31310** | EWING illiterate test chart | 20 feet | 6.1 m | 28x56 |
| **31311** | SLOAN near vision chart (2 sides printed) | 16 inches | 40 cm | 18x23 |

**Polypropylene natural white sheet, approx. thickness 0.8 to 1.0 mm*


31311

## LEA SYMBOLS AND NUMBERS VISION CARDS AND CHARTS

31322

31323

31324

31325

- **31322 LEA SYMBOLS NEAR VISION CARD - 40 cm (16 inches)**

This test measures near visual acuity with proportionally spaced (logMAR) lines on the front and lines with 25% and 50% spacing on the back. Response key printed on test card. Includes training cards and instructions.
Card measures 20.3x25.4 cm (8x10").

- **31323 LEA SYMBOLS 15-LINE DISTANT CHART - 3 m (10 feet)**

This test is designed for vision screening at schools and assessment of vision of children with special needs beginning with age of 3 years. Has a hole for hanging the chart on the wall. Includes response key, training cards, and instructions. 43x53.4 cm (17x21"). Folds to 43x26.7 (17x10.5").

- **31324 LEA NUMBERS NEAR VISION CARD - 40 cm (16 inches)**

Designed to measure visual acuity with a standard line test and with three tighter spaced tests; 50%, 25%, and 12.5%, which often reveal difficulties in seeing tightly crowded details. Card measures 20.3x25.4 cm (8x10").

- **31325 LEA NUMBERS 15-LINE DISTANT CHART - 3 m (10 feet)**

This test is designed for vision screening at schools and assessment of vision of children with special needs beginning with age of 5 years. Has hole for hanging on the wall. 45.7x50.8 cm (18x20"). Folds to 45.7x25.4 (18x10").

## LOW CONTRAST CHARTS

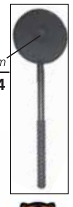
31318
31317

- **31317 CONTRAST SENSITIVITY CARD - NEAR VISION 40 cm size 40x34 cm**
- **31318 CONTRAST SENSITIVITY CHART - FROM A DISTANCE 3 m size 77x61 cm**

It checks for the ability to distinguish light and dark (contrast). It can detect vision problems. Also useful to reveal in time regression or progression of the cataract disease.

## OCCLUDERS

31275



31274

- **31275 EYE OCCLUDER - 170x200x3 mm**
- **31274 OCCLUDER - 154 x Ø 47 mm**
- **31276 FUN FROSTED OCCLUDER GLASSES**

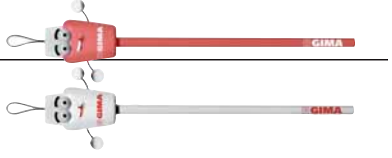
Set of two tiger fun frosted glasses to be used as occluder during children examinations one to occlude each eye.

31276

## OPTOMETRIC PENCILS

- **31319 OPTOMETRIC PENCILS - set of 2 pcs**

Set of two wooden puppets (red and white) used to capture attention during vision evaluation in young non-verbal children.
Can also be used for test of convergence.



# ISHIHARA COLOUR TEST

**ISHIHARA Colour TEST**

These series of plates are designed to provide a test which gives a quick and accurate assessment of colour vision deficiency of congenital origin. This is the most common form of colour vision disorders. Most cases of congenital colour vision deficiency are characterized by a red-green deficiency which may be of two types: a protan type which may be absolute (protanapia) or partial (protanomalia), and a deutan type which may be absolute (deuteranopia) or partial (deuteranomalia).

| GIMA code | ISHIHARA COLOUR TEST |
|---|---|
| **31290** | Book of 10 plates for illitterates |
| **31291** | Book of 24 plates |
| **31292** | Book of 38 plates |

# STEREOPSIS TESTS

- **31283 FLY STEREO ACUITY TEST**
- **31284 BUTTERFLY STEREO ACUITY TEST**

Designed to rapidly test for amblyopia and strabismus using gross to fine stereopsis (4800 to 20 sec of arc):
- graded circle test from 400 sec now down to 20 sec
- new technology → no monocular clues
- answer key on back cover
- includes pair of standard polarised viewers

**31284**

- **31285 RANDOM DOT STEREO ACUITY TEST**

Designed to rapidly test for amblyopia and strabismus in early and non-readers and non-verbal children and adults
- expanded random dot lea test (500, 250, 125, 63 sec of arc)
- graded circle test now down to 12.5 sec
- answer key on back cover
- includes pair of standard polarised viewers

**31285**

# STEREOPTIC TEST

- **31293 STEREOPTIC TEST**

This test is performed at a distance of 30-40 cm and allows evaluation of the cooperation between the two eyes to form a single image to the brain from the two image provided separately by each of the two eyes.

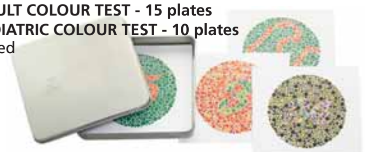
It can be used for children from the age of one year and adults if you suspect strabismus, amblyopia or visual reduction of one or both eyes.

*Gima stereoptic test contains one ball, one fish, one star, one tree. Ball can be seen by one eye only.*

# GIMA COLOUR TEST

- **31287 GIMA ADULT COLOUR TEST - 15 plates**
- **31286 GIMA PEDIATRIC COLOUR TEST - 10 plates**

Single plates packed in a practical aluminium box.



# WORTH LED LIGHT TEST

- **31289 WORTH LED LIGHT TEST - with red/green glasses**

The Worth 4 dot test, is a clinical test for suppression of either the right or left eye. Suppression occurs during binocular vision, when the brain does not process the information received from either of the eyes. This is a common adaptation to strabismus, amblyopia, and aniseikonia.

Battery not included, glasses included.

**31289**

# LANG STEREOTEST

- **31294 LANG STEREOTEST I**
- **31295 LANG STEREOTEST II**

Stereotest I was created to simplify stereopsis screening in children. It is based on two principles: on random dots and on cylinder gratings.

Stereotest II is a further development and helps the assessment of binocular vision.

**31294**
**31295**

**31296**

- **31296 LANG FIXATION STICK**

**31297**

- **31297 LANG FIXATION CUBE - white**

**31298**

- **31298 LANG FIXATION CUBE - red**

# SCHIÖTZ TONOMETER

- **31220 SCHIÖTZ TONOMETER - straight scale**
- **31222 SCHIÖTZ TONOMETER - inclined scale**

A masterpiece of precision mechanism, measures intraocular pressure according to Prof. Schiötz standards.

Vital parts are made of stainless steel.

High quality agate bearing for extremely long service life.

Set 3 weights included (5.5-7.5-10 g).

Scale specification 5. In black deluxe case with velvet-look inserts.

Perfect reading of the scale with red pointer. Made in Germany.

**31220 straight**

**31222 inclined**

# TRAD STETHOSCOPES - GOOD VALUE FOR MONEY

**TRAD STETHOSCOPES: adult, pediatric**

Traditional aluminium stethoscopes, lightweight and reliable.

Chestpiece diaphragm Ø 43.5 mm (Ø 35 for pediatric model), bell Ø 30 mm (Ø 26.5 for pediatric model) external sizes.

Brass binaural, non chill ring.

Tubing: length 62 cm, int. Ø 4 mm, ext. Ø 8 mm.

Supplied in cardboard box. Manual and box in 11 languages: GB, FR, IT, ES, DE, PT, GR, PL, HU, SE, Arabic.

| GIMA code | TRAD STETHOSCOPES - LATEX FREE | |
|---|---|---|
| **32557** | TRAD single head - pediatric - pink | ■ |
| **32559** | TRAD single head - pediatric - light blue | ■ |
| **32555** | TRAD double head - pediatric - black | ■ |
| **32560** | TRAD single head - black | ■ |
| **32561** | TRAD single head - red | ■ |
| **32562** | TRAD single head - blue | ■ |
| **32563** | TRAD single head - yellow | ■ |
| **32564** | TRAD single head - purple | ■ |
| **32558** | TRAD single head - dark green | ■ |
| **32565** | TRAD double head - black | ■ |
| **32566** | TRAD double head - red | ■ |
| **32567** | TRAD double head - blue | ■ |
| **32568** | TRAD double head - dark green | ■ |
| **32678** | Diaphgram Ø 44 mm - spare | |

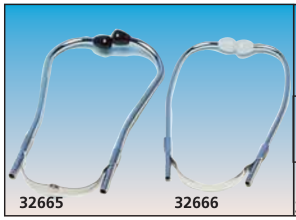
# COVERS FOR STETHO

| GIMA code | COVERS FOR STETHOSCOPES* | |
|---|---|---|
| **32653** | Pig cover for stethoscopes | ■ |
| **32654** | Dragon cover for stethoscopes | ■ |
| **32652** | Cow cover for stethoscopes | ■ |

**For pediatric applications, fits every kind of stethoscopes. Other shapes available for quantitative*

# SPARE PARTS AND ACCESSORIES FOR STETHOSCOPES

| GIMA code | QUALITY "Y" TUBING | | Minimum order |
|---|---|---|---|
| **32620** | "Y" tubing mixed colours | | box of 20 |
| **32621** | "Y" tubing - black | ■ | box of 20 |
| **32622** | "Y" tubing - green | ■ | box of 20 |
| **32623** | "Y" tubing - blue | ■ | box of 20 |
| **32624** | "Y" tubing - red | ■ | box of 20 |
| **32625** | "Y" tubing - orange | ■ | box of 20 |
| **32626** | "Y" tubing - light blue | ■ | box of 20 |
| **32627** | "Y" tubing - yellow | ■ | box of 20 |
| **32628** | "Y" tubing - purple | ■ | box of 20 |
| **32629** | "Y" tubing - pink | ■ | box of 20 |
| **32645** | "Y" tubing - other colours on request* | | box of 20 |
| **Over 20 colours available: frosted green/lilac/blue/mel/pink, lavender, teal, ice blue, grey,...* | | | |
| | **BINAURAL - DIAPHRAGM - HEADS** | | |
| **32655** | One head chest piece - black ring | | 10 pcs. |
| **32656** | Dual head chest piece - black ring | | 10 pcs. |
| **32665** | SNOWDEN binaural - folding | | 10 pcs. |
| **32666** | BERTA binaural - fixed | | 1 |
| **32678** | Diaphragm Ø 45mm for Classic adult | | 10 pcs. |
| | **EARTIPS AND ADAPTORS** | | |
| **32659** | Standard eartips - rigid - universal | | 10 pieces |
| **32663** | Mushroom eartips - universal | | 10 pieces |
| **32664** | Rigid eartips screw-type - for Classic, Wan, Yton, Duca, Regalite | | 10 pieces |
| **32660** | Male-female adaptor | | 10 pieces |



# WAN STETHOSCOPES - ADULT

**WAN ADULT STETHOSCOPES**
Features a chrome-plated zinc-alloy chestpiece, a screw-on plastic retaining ring, outer spring binaural and colour matched moulded PVC tubing with non-chill ring.
Assure optimum acoustic performances.
Chestpiece: Ø 45 mm, bell Ø 30 mm.
Tubing: length 63 cm, int. Ø 4.2 mm, ext. Ø 8 mm.
Supplied in a cardboard box.
Manual and box in 11 languages: GB, FR, IT, ES, DE, PT, GR, PL, HU, SE, Arabic.

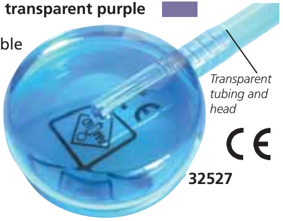
| GIMA code | WAN STETHOSCOPES - LATEX FREE | |
|---|---|---|
| 32569 | WAN single head adult - black | ⬛ |
| 32570 | WAN single head adult - blue | 🟦 |
| 32571 | WAN single head adult - burgundy | 🟫 |
| 32572 | WAN single head adult - orange | 🟧 |
| 32574 | WAN double head adult - black | ⬛ |
| 32575 | WAN double head adult - blue | 🟦 |
| 32576 | WAN double head adult - burgundy | 🟫 |
| 32577 | WAN double head adult - orange | 🟧 |
| 32678 | Diaphgram Ø 44 mm - spare | |

# DESIGN STETHOSCOPES

Tubing: length 62 cm
int. Ø 4 mm
ext. Ø 8.5 mm

- **32527 DESIGN STETHO - transparent blue** 🟦
- **32528 DESIGN STETHO - transparent purple** 🟪

High quality single head stethoscope with fashionable design diaphragm and “Superflex TM” binaural. Provides high acoustic performances thanks to its quality components. Head and tube are in transparent coordinated colour.



Transparent tubing and head

# PEDIATRIC-NEONATAL STETHOSCOPES

**WAN PEDIATRIC AND NEONATAL STETHOSCOPES:**
Features a chrome-plated zinc-alloy chestpiece, a screw-on plastic retaining ring, outer spring binaural and colour matched moulded PVC tubing with non-chill ring.
Assure optimum acustic performances.
Chestpiece: Ø 35 mm, bell Ø 30 mm, (pediatric) or Ø 22 mm, bell Ø 19 mm (neonatal). Tubing length: 63 cm.
Supplied in a cardboard box. Manual and box in 11 languages: GB, FR, IT, ES, DE, PT, GR, PL, HU, SE, Arabic.
**WAN PLUS:**
Same as standard with inner spring binaural, superior tubing quality and 2 pair of soft colour coordinated ear tips in different size.

| GIMA code | WAN STETHOSCOPES - LATEX FREE | |
|---|---|---|
| 32508 | WAN double head neonatal - red | 🟥 |
| 32509 | WAN double head neonatal - grey | ⬜ |
| 32513 | WAN double head pediatric - light-blue | 🟦 |
| 32515 | WAN double head pediatric - red | 🟥 |
| 32511 | WAN PLUS double head pediatric - pink | 🟪 |
| 32506 | WAN PLUS double head pediatric - black | ⬛ |

# YTON STETHOSCOPES

**YTON STETHOSCOPES:**
Chestpiece Ø 45 mm, bell Ø 30 mm (for double head), with colour coordinated plastic retaining ring. "Duracote" finished.
Supplied in cardboard box.
Manual and box in 11 languages: GB, FR, IT, DE, ES, PT, GR, PL, SE, HU, Arabic.

| GIMA code | YTON STETHOSCOPES - LATEX FREE | |
|---|---|---|
| 32514 | Yton single head - green teal colour | 🟩 |
| 32530 | Yton double head - green teal colour | 🟩 |

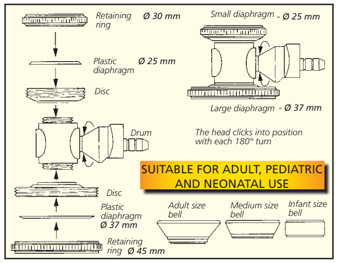
# JOTARAP STETHOSCOPE: DOUBLE-HEAD, DOUBLE TUBE

Improved valve mechanism. This mechanism normally eliminates acoustic leakage

Gima Sprague Rappaport type double-head, double-tube, latex free stethoscope at the price of a standard stethoscope.
**5 in 1, five way convertible type stethoscope**
This convertible stetho, zinc alloy treaded with chrome plated chestpiece drum fitting with different sized chestpieces bells, provides versatile acoustics for infants and adults for the detection of a wide range of heart and lung sounds.

| GIMA code | JOTARAP STETHOSCOPE | |
|---|---|---|
| 32579 | JOTARAP - purple | 🟪 |
| 32580 | JOTARAP - black | ⬛ |
| 32581 | JOTARAP - blue | 🟦 |
| 32582 | JOTARAP - neon orange | 🟧 |
| 32583 | JOTARAP - green | 🟩 |
| 32584 | JOTARAP - neon yellow | 🟨 |
| 32585 | JOTARAP - light blue | 🟦 |
| 32586 | JOTARAP - fuchsia | 🟪 |
| 32587 | JOTARAP - transparent pink | ⬜ |
| 32590 | ACCESSORY KIT - spare | |

Chestpiece with small and large diaphragm.
**Double tubing for individual sound transmission**
Two separate 56 cm (22") thick latex free wall tubing provide individual sound transmission from chestpiece to both sides of the ear.
**Complete in cardboard box with accessory kit (32590)**
It is supplied with an accessory pouch containing:



SUITABLE FOR ADULT, PEDIATRIC AND NEONATAL USE

3 interchangeable plastic black non-chill bells, adult and pediatric spare diaphragm, one pair clear neoprene eartips, one pair black mushroom eartips.
10 languages manual (GB, FR, DE, IT, ES, PT, GR, PL, HU, Arabic).

# LINUX STETHOSCOPES

Chestpiece Ø: 44 mm
Tubing: length 62 cm
int. Ø 4 mm
ext. Ø 8 mm

- **32518 LINUX STETHOSCOPE - blue** 🟦
- **32524 LINUX STETHOSCOPE - black** ⬛
- **32529 LINUX STETHOSCOPE - red** 🟥

Single head stethoscope with lightweight zinc alloy chestpiece plated with an attractive satin finish. The special design assures better performances by pushing the back of the head.

Non-chill diaphragm retaining rim for patient comfort. Stainless steel binaurals fixed at 15° angle for greater comfort and acoustic seal. Soft and flexible PVC tubing. Supplied in deluxe box with one pair of plastic eartips and PVC eartips. Manual and box in 11 languages: GB, FR, IT, ES, DE, PT, GR, PL, HU, SE, Arabic.

## CARDIOLOGY STETHOSCOPES

- **32550 CARDIOLOGY CLASSIC STETHOSCOPE - blue**
- **32551 CARDIOLOGY CLASSIC STETHOSCOPE - burgundy**
- **32552 CARDIOLOGY CLASSIC STETHOSCOPE - black**

Cardiology Classic offers acoustical excellence in a traditional design with superior durability. Its innovative features include:
- stainless steel chestpiece (diameter 33-44 mm) with extra deep cone-shaped bell for a superb low frequency response
- stainless steel double inner spring binaural
- ultra-sensitive diaphragm for unsurpassed amplification
- durable, elegantly moulded 55.5 cm (22") PVC tubing (int. Ø 6.5 mm, ext. Ø 12 mm)

Manual and box in 11 languages: GB, FR, DE, IT, ES, PT, GR, PL, HU, SE, Arabic.

- **32678 DIAPHRAGM Ø 44 mm - spare**

*It comes in a foam lined box with 2 extra set of PVC eartips*

32552

*Colour coordinated non-chill ring and diaphragm retaining ring, PVC tubing*

32552

## PROFESSIONAL STETHOSCOPE

- **32526 REGALITE - black**

Top quality single head stethoscope.
Patented multi-frequency "ring-o-raised™" diaphragm system.
Chromed plated chestpiece with "SUPERFLEX" inner spring binaural and 1 piece moulded, latex free, PVC tubing.
Supplied in deluxe box, with spare soft eartips and one spare diaphragm.
Manual and box in 7 languages: GB, FR, IT, ES, PT, GR, Arabic.

32526

## LYNX MULTI-FUNCTIONAL VISUAL STETHOSCOPE

- **32596 LYNX MULTI-FUNCTION STETHOSCOPE with $SpO_2$ probe, USB cable and adapter**
- **32598 $SpO_2$ PROBE - spare**

Multi-function visual stethoscope with real time display of ECG waveform, heart rate and pulsoximeter.
- compact and portable, easy to use
- adjustable screen contrast
- adult $SpO_2$ sensor
- alarm function for $SpO_2$ and Pulse rate
- low power consumption

Multilanguage box and manual: GB, FR, IT, ES

0123

32596

**TECHNICAL SPECIFICATIONS**

| | | | |
|---|---|---|---|
| **Heart rate** | | **$SpO_2$** | |
| Measurement range: | 30 - 300 bpm | Measurement range: | 0% - 100% |
| Accuracy: | ±2 bpm | Accuracy: | 70% - 100% ±2%, <70% unspecified |
| **Pulse rate** | | **Other** | |
| Measurement range: | 30 - 250 bpm | Power supply: | Rechargeable lithium battery DC 3.7 V |
| Accuracy: | ±2 bpm or ±2% (select larger) | Display: | 2.7" LCD |
| | | Size: | 87x63x19 mm |

## MULTI-FUNCTIONAL VISUAL STETHOSCOPE

- **32597 MULTI-FUNCTION VISUAL STETHOSCOPE with $SpO_2$ probe, USB cable and adapter, earphone**
- **32598 $SpO_2$ PROBE - spare**

The device includes stethoscope function and displays ECG waveform, heart rate, $SpO_2$, pulse and pulse waveform.
Suitable for hospital, clinic, medical community and family.
- compact, light and portable, easy to use
- earphone output and adjustable volume
- alarm for $SpO_2$ and pulse rate exceeding limits
- real-time detecting, data storage and review
- real-time clock
- recorded data can be transferred to PC
- PC analysis software
- low power consumption

Multilanguage box and manual: GB, FR, IT, ES

0123

32597

**TECHNICAL SPECIFICATIONS**

| | | | | | |
|---|---|---|---|---|---|
| **Stethoscope** | | **Pulse rate** | | **Other** | |
| Heart: | 20 - 230 Hz | Measuring range: | 30 - 250 bpm | Battery: | 3.7 V rechargeable lithium battery |
| Lung: | 100 - 800 Hz | Accuracy: | ±2 bpm or ±2% (select larger) | Display: | 2.4" colour TFT |
| H&L: | 20 - 800 Hz | **$SpO_2$** | | Size: | 110x60x14 mm |
| **Heart rate** | | Measuring range: | 0% - 100% | | |
| Measuring range: | 30 - 300 bpm | Accuracy: | 70 - 100% (±2%) <70% unspecified | | |
| Accuracy: | ±2 bpm | | | | |

## ACOUSTIC EXCELLENCE DOUBLE HEAD STETHOSCOPES

**CLASSIC STAINLESS STEEL STETHOSCOPES - Adult and Pediatric**
High quality stethoscope with **stainless steel chestpiece,** stainless steel double inner spring binaural and durable, elegantly moulded PVC tubing for unsurpassed acoustic performance. The colour coordinated flexible 55 cm (22") PVC "Y" tubing, non-chill ring and diaphragm retaining ring provide excellent patient comfort, while adding attractiveness. It comes in a foam lined box with 2 extra sets of soft eartips.
Chestpiece: Ø 45 mm (adult), Ø 35 mm (pediatric).
Manual and box in: GB, FR, DE, IT, ES, PT, GR, PL, HU, SE, Arabic.

**CLASSIC IN 11 COLOURS**

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Black | Dark blue | Royal blue | Light blue | Green | Dark green | Burgundy | Orange | Red | Pink | Lilac |

| GIMA code | ACCESSORIES - SPARES |
|---|---|
| **32678** | Diaphragm Ø 44 mm - spare for Classic adult |
| **32664** | Rigid eartips screw-type - white<br>spare for Classic/Wan/Yton/Duca/Regalite |

| GIMA code | CLASSIC DOUBLE HEAD S/S STETHOSCOPES - ADULT |
|---|---|
| **32531** | Classic adult - dark green |
| **32532** | Classic adult - orange |
| **32533** | Classic adult - light blue |
| **32534** | Classic adult - black |
| **32535** | Classic adult - burgundy |
| **32536** | Classic adult - dark blue |
| **32537** | Classic adult - green |
| **32538** | Classic adult - red |
| **32539** | Classic adult - pink |
| **32540** | Classic adult - royal blue |
| **32541** | Classic adult - lilac |
| | **CLASSIC DOUBLE HEAD S/S TEACHING STETHOSCOPES** |
| **32542** | Classic Teaching - black<br>*allows simultaneously ascultation by 2 people* |
| | **CLASSIC DOUBLE HEAD S/S STETHOSCOPES - PEDIATRIC** |
| **32512** | Classic pediatric - light-blue |
| **32516** | Classic pediatric - black |

32542

## RIESTER DUPLEX® 2.0 STETHOSCOPES, SIMPLY BETTER HEARING

**RIESTER DUPLEX® 2.0 STAINLESS STEEL STHETOSCOPES**
Duplex® 2.0 stethoscopes are distiguished by outstanding acoustic performance.
They have been completely new constructed to meet the challenges of daily diagnostic practice. Special design tube for better auscultation of adults, children/babies or new-borns.
- precision double chest-piece made of stainless steel with innovative membrane support
- anatomically shaped binaural with internal multiple spring for adjusting the contact pressure
- extra-soft, replaceable and pivotable ear-tips for perfect sealing at the ear canal and enhanced wear comfort
- innovative acoustic system with extraordinary auscultation for all frequency ranges
- special membrane for precise acoustics with novel non-chill rims for improved adaptation on the skin

Supplied with name plate, replacement ear-tips and membrane.

| GIMA code | Riester code | RIESTER DUPLEX® 2.0 - STAINLESS STEEL - LATEX FREE | | | | |
|---|---|---|---|---|---|---|
| | | **DUPLEX® 2.0 ADULT** | | **Membrane** | **Length** | **Weight** |
| **32333** | **4210-01** | Duplex® 2.0 - black | ■ | Ø 44 mm | 74 cm | 151 g |
| **32334** | **4210-02** | Duplex® 2.0 - white | □ | Ø 44 mm | 74 cm | 151 g |
| **32335** | **4210-03** | Duplex® 2.0 - blue | 🟦 | Ø 44 mm | 74 cm | 151 g |
| **32336** | **4210-04** | Duplex® 2.0 - red | 🟥 | Ø 44 mm | 74 cm | 151 g |
| | | **DUPLEX® 2.0 PEDIATRIC** | | | | |
| **32338** | **4220-02** | Duplex® 2.0 - white | □ | Ø 32/23.5 mm | 69 cm | 124 g |
| | | **DUPLEX® 2.0 NEW-BORN** | | | | |
| **32340** | **4230-02** | Duplex® 2.0 - white | □ | Ø 24/17.5 mm | 69 cm | 105 g |

## ERKA FINESSE STETHOSCOPES - MADE IN GERMANY

**FINESSE STETHOSCOPES**
With the reversible double chest-piece you'll be prepared for all eventualities in everyday medical practice. The membrane side guarantees optimal auscultation for the entire frequency spectrum and the open bell side is specifically designed for low frequencies.

**FINESSE² STETHOSCOPES**
The reversible, combined chest-piece has two membrane sides, each making the full frequency range perfectly audible.
The large membrane is suitable for auscultation of adults and the small one for children or slim patients.

*All Erka stethoscopes are supplied with carrying bag*

32265

32250

| FEATURES | Finesse Light | Finesse Finesse² |
|---|---|---|
| Pre-tensioned ERKA. convex membrane provides excellent resonance and sound. | X | X |
| Non-chill ring ensures highest patient comfort. |  | X |
| Superior polish, chromium-plated, non-porous surface and brass chest-piece ensure perfect surface hygiene. | X | X |
| Two internal channels run parallel in the stethoscope tubing preventing any noise caused by friction of two separate tubes. |  | X |
| Through the separately integrated spring in the tube, there is no acoustic loss from the chest-piece to the ear. |  | X |
| Ergonomic design and super soft tips provide excellent acoustic seal against external noise interference and maximize user's comfort. | X | X |
| Standard 15° inclined binaurals can be individually adapted to the specific ear canal of the user. | X | X |

| GIMA code | ERKA code |  | ERKA STETHOSCOPES - tubing length - 55 cm |
|---|---|---|---|
| **FINESSE LIGHT ADULT - head Ø 44.5/33.5 mm** |  |  |  |
| 32250 | 520 000 00 | ■ | Finesse light - black |
| 32251 | 520 000 20 | ■ | Finesse light - navy blue |
| 32252 | 520 000 55 | ■ | Finesse light - dark green |
| **FINESSE PEDIATRIC - head Ø 31/26.5 mm** |  |  |  |
| 32256 | 549 000 00 | ■ | Finesse pediatric - black |
| 32257 | 549 000 25 | ■ | Finesse pediatric - light blue |
| 32258 | 549 000 35 | ■ | Finesse pediatric - pink |
| **FINESSE ADULT - head Ø 44.5/33.5 mm** |  |  |  |
| 32262 | 550 000 00 | ■ | Finesse adult - black |
| 32263 | 550 000 05 | ■ | Finesse adult - dark grey |
| 32264 | 550 000 20 | ■ | Finesse adult - navy blue |
| 32265 | 550 000 55 | ■ | Finesse adult - dark green |
| 32266 | 550 000 60 | ■ | Finesse adult - burgundy |
| **FINESSE² PEDIATRIC - head Ø 30/21.3 mm** |  |  |  |
| 32270 | 536 000 00 | ■ | Finesse² pediatric - black |
| 32271 | 536 000 35 | ■ | Finesse² pediatric - pink |
| **FINESSE² ADULT - head Ø 47/30 mm** |  |  |  |
| 32275 | 535 000 00 | ■ | Finesse² adult - black |
| 32276 | 535 000 05 | ■ | Finesse² adult - dark grey |
| 32277 | 535 000 20 | ■ | Finesse² adult - navy blue |

## ERKAPHON STETHOSCOPES - MADE IN GERMANY

*Stethoscope with double chest piece is switchable from membrane to bell function. The membrane side is suitable for the auscultation of high and low frequency sounds while the bell side is designed for cardiac impulses.*

**ERKAPHON STETHOSCOPES:**
High quality precision stethoscopes for excellent acoustics, made in Germany.
All stethoscopes are equipped with 56 cm long Y tube, brass chrome-plated binaural and chest-piece (32350, 32358) or aluminium (32344-7), membrane Ø 44 mm, bell Ø 30 mm (32358 only).

| GIMA code | ERKA code | ERKAPHON STETHOSCOPES |
|---|---|---|
| **ERKAPHON FLAT CHESTPIECE - aluminium** |  |  |
| 32344 | 544 000 10 | Erkaphon flat chestpiece - black |
| 32345 | 544 000 20 | Erkaphon flat chestpiece - navy blue |
| 32346 | 544 000 25 | Erkaphon flat chestpiece - light blue |
| 32347 | 544 000 30 | Erkaphon flat chestpiece - red |
| **ERKAPHON FLAT CHESTPIECE - chromed** |  |  |
| 32350 | 543 000 10 | Erkaphon flat chestpiece - black |
| **ERKAPHON DOUBLE CHESTPIECE - chromed** |  |  |
| 32358 | 541 000 10 | Erkaphon double chestpiece - black |

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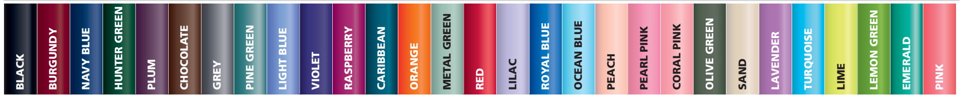
## 3M™ LITTMANN® STETHOSCOPES USER GUIDE

**LITTMANN STETHOSCOPES**
3M Littman stethoscopes offer exceptional acustic features. Each model has been created for a specific professional need.

The following guide will allow customers to select the model more suitable to his profession and preferred colour.

| 3M Littmann® Stethoscopes Authorized Distributor | Lightweight |  | Classic |  |  |  | Cardiology |  |  | Electronic |
|---|---|---|---|---|---|---|---|---|---|---|
| **OCCUPATION** | Lightweight | Select | Master Classic II | Classic III | Classic II SE | Classic II Paediatric or Infant | Master Cardiology | Cardiology IV | Cardiology III | 3200 3100 |
| Emergency Physician |  |  | •• | ••• | •• |  |  |  |  |  |
| General Practitioner |  |  | •• | ••• | •• |  |  |  |  | ••• |
| Pediatrician |  |  | •• | ••• | •• | •• |  |  |  |  |
| Medical Student |  |  | •• | ••• | •• |  |  |  |  |  |
| Veterinarian |  |  | •• | ••• | •• |  |  |  |  |  |
| Neurologist |  |  | •• | ••• | •• |  |  |  |  |  |
| Nurse | •• | •• |  | • | • |  |  |  |  |  |
| Cardiologist |  |  |  |  |  |  | •• | •• | •• | ••• |
| Anesthesist |  |  |  |  |  |  | • | •• | •• | ••• |
| Respiratory Specialist |  |  |  |  |  |  | • | •• | •• | ••• |
| Internist |  |  |  |  |  |  | • | • | • | ••• |



## 3M™ LITTMANN® SELECT

*The 3M Littmann® Select Stethoscope is ideal for general examination purposes, including blood pressure measurement. The patented single-sided chestpiece for both low and high frequency sounds offers acoustic clarity.*

*Head Ø 44 mm*

32400

| GIMA code | 3M code |  | 3M™ LITTMANN® SELECT STETHOSCOPES - length 71 cm |
|---|---|---|---|
| 32397 | 2292 | ■ | Littmann® Select - pearl pink |
| 32398 | 2294 | ■ | Littmann® Select - violet |
| 32399 | 2306 | ■ | Littmann® Select - ocean blue |
| 32400 | 2298 | ■ | Littmann® Select - royal blue |
| 32401 | 2293 | ■ | Littmann® Select - burgundy |
| 32403 | 2290 | ■ | Littmann® Select - black |
| 32282 | 2291 | ■ | Littmann® Select - caribbean blue |
| 32283 | 2296 | ■ | Littmann® Select - raspberry |
| 32396 |  |  | Littmann® Select - colour on request* |

*Minimum order 3 pieces

## 3M™ LITTMANN® LIGHTWEIGHT II

*Standard length 71 cm*

*Lightweight only 118 g*

*Headset made of aerospace alloy*

32391

*Tunable diaphragm for easy low and high frequency monitoring*

| GIMA code | 3M code |  | 3M™ LITTMANN® LIGHTWEIGHT II S.E. |
|---|---|---|---|
| 32389 | 2452 | ■ | Littmann® Lightweight II S.E. - caribbean blue |
| 32390 | 2450 | ■ | Littmann® Lightweight II S.E. - black |
| 32391 | 2451 | ■ | Littmann® Lightweight II S.E. - burgundy |
| 32392 | 2454 | ■ | Littmann® Lightweight II S.E. - ceil blue |
| 32393 | 2453 | ■ | Littmann® Lightweight II S.E. - lilac |
| 32394 | 2455 | ■ | Littmann® Lightweight II S.E. - metal green |
| 32395 |  |  | Littmann® Lightweight II S.E. - colour on request* |

*Minimum order 3 pieces

## 3M™ LITTMANN® MASTER CLASSIC II

OTHER COLOURS ON REQUEST
AVAILABLE IN 20 DAYS

*MASTER CLASSIC II*

*MASTER CLASSIC II BLACK EDITION*

| GIMA code | 3M code |  | 3M™ LITTMANN® MASTER CLASSIC STETHOSCOPES length 69 cm - head Ø 44 mm |
|---|---|---|---|
| 32425 | 2146 | ■ | Littmann® Master Classic II - burgundy |
| 32426 | 2144L | ■ | Littmann® Master Classic II - black |
| 32427 | 2147 | ■ | Littmann® Master Classic II - navy blue |
| 32364 | 2630 | ■ | Littmann® Master Classic II - caribbean blue |
| 32366 | 2633 | ■ | Littmann® Master Classic II - ceil blue |
| 32367 | 2632 | ■ | Littmann® Master Classic II - violet |
| 32471 | 2141 | ■ | Littmann® Master Classic II - "black edition" |
| 32365 |  |  | Littmann® Master Classic II - colour on request |

# 3M™ LITTMANN® CLASSIC III STETHOSCOPES

The 3M™ Littmann® Classic III™ Stethoscope offers high acoustic sensitivity for exceptional performance when doing general physical assessments.
It features dual tunable diaphragms and updated design.
- high acoustic sensitivity
- dual single-piece tunable diaphragms (pressure sensitive)
- versatile adult and pediatric two-sides chestpiece
- small-side diaphragm prevents debris in open bell
- snap tight soft-sealing eartips
- next generation longer-life tubing
- small side converts to open bell

Authorized Distributor

CLASSIC III - RASPBERRY - RAINBOW FINISH

| GIMA code | 3M code | 3M™ LITTMANN® STETHOSCOPES - length 69 cm |
|---|---|---|
| | | **CLASSIC III - head Ø 43/33 mm** |
| 32290 | 5620 | ■ Littmann® Classic III - black |
| 32291 | 5622 | ■ Littmann® Classic III - navy blue |
| 32292 | 5626 | ■ Littmann® Classic III - raspberry |
| 32293 | 5627 | ■ Littmann® Classic III - burgundy |
| 32294 | 5639 | ■ Littmann® Classic III - rose pink |
| 32295 | 5832 | ■ Littmann® Classic III - lavender |
| 32296 | 5835 | ■ Littmann® Classic III - turquoise |
| 32297 | 5839 | ■ Littmann® Classic III - lemon - lime |
| 32298 | 5840 | ■ Littmann® Classic III - emerald |
| 32299 | 5621 | ■ Littmann® Classic III - grey |
| 32300 | 5623 | ■ Littmann® Classic III - caribbean blue |
| 32301 | 5624 | ■ Littmann® Classic III - hunter green |
| 32302 | 5629 | ■ Littmann® Classic III - orange |
| 32303 | 5630 | ■ Littmann® Classic III - ceil blue |
| 32304 | 5633 | ■ Littmann® Classic III - pearl pink |
| 32305 | 5829 | ■ Littmann® Classic III - lime green |
| 32306 | 5831 | ■ Littmann® Classic III - plum |
| | | **CLASSIC III SPECIAL EDITION - head Ø 43/33 mm** |
| 32308 | 5870 | ■ Littmann® Classic III - black - rainbow finish |
| 32309 | 5871 | ■ Littmann® Classic III - raspberry - smoke finish |
| 32310 | 5803 | ■ Littmann® Classic III - black edition |
| 32311 | 5809 | ■ Littmann® Classic III - chocolate - copper finish |
| 32312 | 5806 | ■ Littmann® Classic III - raspberry - rainbow finish |
| 32313 | 5807 | ■ Littmann® Classic III - caribbean blue - rainbow finish |
| 32314 | 5811 | ■ Littmann® Classic III - black - smoke finish |
| 32315 | 5812 | ■ Littmann® Classic III - dark olive green - smoke finish |
| 32316 | 5867 | ■ Littmann® Classic III - navy blue - black finish |
| 32317 | 5868 | ■ Littmann® Classic III - burgundy - black finish |
| 32318 | 5869 | ■ Littmann® Classic III - caribbean blue - black finish |

# 3M™ LITTMANN® CLASSIC II STETHOSCOPES

OTHER COLOURS
ON REQUEST
Available in 20 days
Please indicate 3M code

*Minimum order 3 pieces

CLASSIC II INFANT

CLASSIC II PEDIATRIC

CLASSIC II SE

CLASSIC II SE SPECIAL FINISH

| GIMA code | 3M code | 3M™ LITTMANN® STETHOSCOPES - length 71 cm |
|---|---|---|
| | | **CLASSIC II PEDIATRIC - head Ø 33/25 mm** |
| 32382 | 2115 | ■ Littmann® Classic II ped. - pearl pink |
| 32383 | 2155 | ■ Littmann® Classic II ped. - orange |
| 32384 | 2136 | ■ Littmann® Classic II ped. - royal blue |
| 32385 | 2123 | ■ Littmann® Classic II ped. - navy blue |
| 32386 | 2131 | ■ Littmann® Classic II ped. - pine green |
| 32404 | 2113 | ■ Littmann® Classic II ped. - black |
| 32405 | 2119 | ■ Littmann® Classic II ped. - caribbean blue |
| 32406 | 2113R | ■ Littmann® Classic II ped. - red |
| 32407 | 2122 | ■ Littmann® Classic II ped. - raspberry |
| 32408 | 2154 | ■ Littmann® Classic II ped. - peach |
| 32381 | 2153 | ■ Littmann® Classic II ped. - caribbean blue - rainbow finish |
| 32387 | | Littmann® Classic II ped. - colour on request* |
| | | **CLASSIC II INFANT - head Ø 27/19 mm** |
| 32376 | 2124 | ■ Littmann® Classic II infant - caribbean blue |
| 32410 | 2114 | ■ Littmann® Classic II infant - black |
| 32411 | 2114R | ■ Littmann® Classic II infant - red |
| 32412 | 2125 | ■ Littmann® Classic II infant - raspberry |
| 32380 | 2157 | ■ Littmann® Classic II infant - raspberry - rainbow finish |
| 32377 | 2156 | ■ Littmann® Classic II infant - royal blue |
| 32378 | 2179 | ■ Littmann® Classic II infant - orange |
| 32379 | 2120 | ■ Littmann® Classic II infant - pearl pink |
| 32375 | | Littmann® Classic II infant - colour on request* |
| | | **CLASSIC II S.E. ADULT - head Ø 44/32 mm** |
| 32413 | 2210 | ■ Littmann® Classic II S.E. - raspberry |
| 32415 | 2201 | ■ Littmann® Classic II S.E. - black |
| 32416 | 2205 | ■ Littmann® Classic II S.E. - navy blue |
| 32419 | 2211 | ■ Littmann® Classic II S.E. - burgundy |
| 32421 | 2813 | ■ Littmann® Classic II S.E. - ceil blue |
| 32481 | 2822 | ■ Littmann® Classic II S.E. - peach |
| 32483 | 2817 | ■ Littmann® Classic II S.E. - bubblegum - pink |
| | | **CLASSIC II S.E. SPECIAL FINISH - head Ø 44/32 mm** |
| 32470 | 2218BE | ■ Littmann® Classic II S.E. - black edition |

# 3M™ LITTMANN® CARDIOLOGY IV STETHOSCOPES

Authorized Distributor

The 3M™ Littmann® Cardiology IV helps you to catch more of the subtle critical sounds, thanks to the improved acoustics and the new design, more versatile than ever.
- better audibility of high-frequency sounds
- tunable diaphragms for hearing both high and low frequency sounds without turning over the chestpiece (pressure sensitive)
- adult and paediatric sides for more versatility
- single-piece diaphragm, easier to attach and clean, because the surface is smooth without crevices
- next generation longer-life tubing
- snap tight soft-sealing eartips.

| GIMA code | 3M code | 3M™ LITTMANN® STETHOSCOPES - length 69 cm |
|---|---|---|
| | | **CARDIOLOGY IV - head Ø 43/33 mm** |
| 32606 | 6152 | ■ Littmann® Cardiology IV - black |
| 32607 | 6153 | ■ Littmann® Cardiology IV - burgundy |
| 32608 | 6154 | ■ Littmann® Cardiology IV - navy blue |
| 32609 | 6155 | ■ Littmann® Cardiology IV - hunter green |
| 32610 | 6156 | ■ Littmann® Cardiology IV - plum |
| 32611 | 6157 | ■ Littmann® Cardiology IV - caribbean blue |
| 32612 | 6158 | ■ Littmann® Cardiology IV - raspberry |
| 32613 | 6161 | ■ Littmann® Cardiology IV - rose pink |

| GIMA code | 3M code | 3M™ LITTMANN® STETHOSCOPES - length 69 cm |
|---|---|---|
| | | **CARDIOLOGY IV SPECIAL FINISHES - head Ø 43/33 mm** |
| 32631 | 6162 | Littmann® Cardiology IV - black - smoke finish |
| 32632 | 6163 | Littmann® Cardiology IV - black edition |
| 32633 | 6164 | Littmann® Cardiology IV - black - brass finish |
| 32634 | 6165 | Littmann® Cardiology IV - black - rainbow finish |
| 32635 | 6166 | Littmann® Cardiology IV - plum - smoke finish |
| 32636 | 6168 | Littmann® Cardiology IV - navy blue - black finish |
| 32637 | 6171 | Littmann® Cardiology IV - turquoise - smoke finish |
| 32638 | 6178 | Littmann® Cardiology IV - raspberry - smoke finish |
| | | **CARDIOLOGY IV MIRROR FINISH - head Ø 43/33 mm** |
| 32646 | 6169 | Littmann® Cardiology IV - carribbean blue - mirror fin. |
| 32647 | 6170 | Littmann® Cardiology IV - burgundy - mirror finish |
| 32648 | 6177 | Littmann® Cardiology IV - black - mirror finish |
| 32649 | 6179 | Littmann® Cardiology IV - black/champagne - smoke fin. |

# 3M™ LITTMANN® CARDIOLOGY STETHOSCOPES

CARDIOLOGY III

CARDIOLOGY III BLACK EDITION

MASTER CARDIOLOGY

| GIMA code | 3M code | 3M™ LITTMANN® STETHOSCOPES - length 69 cm |
|---|---|---|
| | | **CARDIOLOGY III - head Ø 43/33 mm** |
| 32371 | 3138 | ■ Littmann® Cardiology III - caribbean blue |
| 32372 | 3148 | ■ Littmann® Cardiology III - raspberry |
| 32429 | 3149 | ■ Littmann® Cardiology III - coral pink |
| 32430 | 3128 | ■ Littmann® Cardiology III - black |
| 32431 | 3129 | ■ Littmann® Cardiology III - burgundy |
| 32432 | 3130 | ■ Littmann® Cardiology III - navy blue |
| 32433 | 3135 | ■ Littmann® Cardiology III - plum |
| 32434 | 3134 | ■ Littmann® Cardiology III - hunter green |
| 32443 | 3146 | ■ Littmann® Cardiology III - light blue |
| 32444 | 3140 | ■ Littmann® Cardiology III - red |
| | | **CARDIOLOGY III SPECIAL EDITION - head Ø 43/33 mm** |
| 32369 | 3161 | ■ Littmann® Cardiology III - lime - smoke finish |
| 32472 | 3131BE | ■ Littmann® Cardiology III - black edition |
| 32474 | 3137CPR | ■ Littmann® Cardiology III - chocolate - copper finish |
| 32475 | 3128BRS | ■ Littmann® Cardiology III - black - brass finish |
| 32373 | 3152RBW | ■ Littmann® Cardiology III - black - rainbow finish |

| GIMA code | 3M code | 3M™ LITTMANN® STETHOSCOPES - length 69 cm |
|---|---|---|
| | | **MASTER CARDIOLOGY - head Ø 51 mm** |
| 32435 | 2160 | ■ Littmann® Master Cardiology - black |
| 32436 | 2163 | ■ Littmann® Master Cardiology - burgundy |
| 32437 | 2164 | ■ Littmann® Master Cardiology - navy blue |
| 32439 | 2167 | ■ Littmann® Master Cardiology - plum |
| 32361 | 2178 | ■ Littmann® Master Cardiology - caribbean blue |
| 32362 | | Littmann® Master Cardiology - colour on request |
| | | **MASTER CARDIOLOGY SPECIAL EDITION - head Ø 51 mm** |
| 32360 | 2176 | ■ Littmann® Master Cardiology - black smoke ed. |
| 32473 | 2161 | ■ Littmann® Master Cardiology - black edition |
| 32363 | 2183 | ■ Littmann® Master Cardiology - hunter green brown finish |
| 32359 | | Littmann® Master Cardiology - colour on request |
| | | **CARDIOLOGY TRADITIONAL** |
| 32330 | 3141 | ■ Littmann® Traditional - black |
| 32331 | 3142 | ■ Littmann® Traditional - navy blue |
| 32332 | 3143 | ■ Littmann® Traditional - burgundy |

CARDIOLOGY III

CARDIOLOGY III BLACK EDITION

CARDIOLOGY III COPPER FINISH

MASTER CARDIOLOGY

MASTER CARDIOLOGY BLACK EDITION

CARDIOLOGY TRADITIONAL

# 3M™ LITTMANN® 3100 AND 3200 ELECTRONIC STETHOSCOPES

**ELECTRONIC STETHOSCOPES**

3M™ Littmann® Electronic Stethoscope Model 3100 and 3200 exceptional sound capabilities deliver an exceptional auscultation experience. Clinical evidence shows that, it is easier to detect difficult-to-hear heart sounds like S3 gallops and aortic regurgitation murmurs, as well as abnormal lung sounds. Here's why:

**Ambient Noise Reduction Technology**

It cancels out, on average, 85% of ambient background noise that can interfere with the auscultation experience, without eliminating critical body sounds.

**Acoustic Seal Eartips and Tubing**

They create an excellent acoustic seal. It means a tighter seal from ambient noise entering through tubing and eartip connections.

**State-of-the-Art Sound Sensor**

Positioned at the base of the tubing, the sensor brings the sound more naturally to your ears.

**Up to 24X Sound Amplification**

Useful for obese

*Operates on single AA (alkaline or lithium) battery*

*Retro - illuminated LCD interface*

*Ergonomically designed chest piece for easy, one-hand manipulation and patient comfort*

***LITTMANN® 3200 ELECTRONIC***

*Designed to visualize what you are hearing, allow playback when and where convenient, facilitate storage of sounds in patient records or transfer to colleagues for further analysis.*
- *connects wirelessly to the Bluetooth®*
- *display and print sounds as phonocardiogram*
- *play recordings at slow speed*
- *save patient information*
- *send as an e-mail attachment*

3M Littmann® Stethoscopes

Authorized Distributor

32495

| GIMA code | 3M code | 3M™ LITTMANN® ELECTRONIC STETHOSCOPES |
|---|---|---|
| 32490 | 3100BK27 | ■ Littmann® Electronic 3100 - black |
| 32491 | 3100BU | ■ Littmann® Electronic 3100 - burgundy |
| 32492 | 3100NB | ■ Littmann® Electronic 3100 - navy blue |
| 32495 | 3200BK27 | ■ Littmann® Electronic 3200 - black |
| 32496 | 3200NB | ■ Littmann® Electronic 3200 - navy blue |
| 32497 | 3200BU | ■ Littmann® Electronic 3200 - burgundy |

# 3M™ LITTMANN® ACCESSORIES

| GIMA code | 3M code | 3M™ LITTMANN® ACCESSORIES |
|---|---|---|
| | | **DIAPHRAGM + RETAINING RING - box of 5 pcs** |
| 32449 | 36572 | ■ For Cardiology III (small side) - black |
| 51443 | 36573 | ■ For Cardiology III (small side) - grey |
| 32450 | 36556 | ■ For Classic II S.E., Select, Master classic, Cardio III (large side) - black |
| 32464 | 36557 | ■ For Classic II S.E., Select, Master classic, Cardio III (large side) - grey |
| 32452 | 36554 | ■ For Master Cardiology - black |
| 32605 | 36555 | ■ For Master Cardiology - grey |
| 32453 | 51185 | ■ For S.T.C. Cardiology - black |
| | | **DIAPHRAGM OR RETAINING RINGS** |
| 51450 | 36550 | ■ Retaining ring for Pediatric Classic II - black - box of 5 |
| 51451 | 36551 | ■ Retaining ring for Pediatric Classic II - grey - box of 5 |
| 51445 | MEMB/E3200 | ■ Diaphragm for Electronic 3200 - black |
| 32454 | MEMB/E3100 | ■ Diaphragm for Electronic 3100 - dark grey |
| 32478 | 78808303222 | ■ Diaphragm for Electronic 3000 - dark grey |
| 51452 | 36560 | ■ Diaphragm for Pediatric Classic II - box of 10 |
| | | **NEOPRENE RINGS** |
| 32476 | 36547 | ■ Neoprene black ring - infant - box of 5 |
| 32455 | 36569 | ■ Neoprene grey ring - infant - box of 5 |
| 51455 | 36546 | ■ Neoprene black ring - pediatric - box of 5 |
| 32456 | 36568 | ■ Neoprene grey ring - pediatric - box of 5 |
| 32459 | 36544 | ■ Neoprene black ring - Classic II, Lightweight - box of 10 |
| 51456 | 36545 | ■ Neoprene grey ring - Classic II - box of 10 |
| | | **EAR TIPS for all models - box of 10 pairs** |
| 32451 | 37812 | ■ Ear Tips - grey - soft - large |
| 32465 | 37809 | ■ Ear Tips - black - soft - small |
| 32466 | 37811 | ■ Ear Tips - black - soft - large |
| 32467 | 38742 | ■ Ear Tips - grey - rigid - small |
| 32468 | 37808 | ■ Ear Tips - grey - rigid - large |
| 51490 | 40001 | ■ Ear Tips - black - small and large |
| 51491 | 40002 | ■ Ear Tips - grey - small and large |
| 32460 | BLCIP/N | ■ Binaural Classic II SE, ped., infant, Select - black |
| 32461 | BLCAR/N | ■ Binaural Cardiology III and Master Cardiology - black |
| 32462 | BLMACL/N | ■ Binaural Master Classic, Classic III - black |
| 32469 | 2170 | ■ Name tag - black |
| 51494 | 40007 | ■ Name tag - black |
| 51495 | 40008 | ■ Name tag - grey |
| | | **2 TUNABLE DIAPHRAGMS AND RIM ASSEMBLY + NON CHILL BELL SLEEVES + EARTIPS** |
| 51460 | 40003 | ■ For Cardiology III™ - black - blister |
| 51461 | 40004 | ■ For Cardiology III™ - grey - blister |
| | | **TUNABLE DIAPHRAGM AND RIM ASSEMBLY + NON CHILL BELL SLEEVES + EARTIPS** |
| 51464 | 40005 | ■ For Classic II S.E. - black - blister |
| 51465 | 40006 | ■ For Classic II S.E. - grey - blister |
| 51466 | 40020 | ■ For Lightweight - black - blister |
| | | **TUNABLE DIAPHRAGM + RIM ASSEMBLY + EARTIPS** |
| 51470 | 40011 | ■ For Master Cardiology - black - blister |
| 51471 | 40018 | ■ For Master Cardiology - grey - blister |
| 51472 | 40019 | ■ For Cardiology S.T.C. - black - blister |
| 51473 | 40022 | ■ For Master Classic™ - black - blister |
| | | **TUNABLE DIAPHRAGM + 2 RIMS ASSEMBLY** |
| 51477 | 40012 | ■ For Classic II™ - Paediatric - black - blister |
| 51478 | 40013 | ■ For Classic II™ - Infant - black - blister |
| | | **2 TUNABLE DIAPHRAGMS + RIM ASSEMBLY + EARTIPS** |
| 51482 | 40016 | ■ For Classic III™ - black - blister |
| 51483 | 40017 | ■ For Classic III™ - grey - blister |

*Each pair of tips is individually packed*

32450

32464

32449

36560

51450

51445

32456

32459

3M Littmann® Stethoscopes

Authorized Distributor

32451

32465

32466

32468

32469

32460

51460

51461

51464

51465

51470

51471

51472

51473

51477

51478

51482

51483

# YTON ANEROID SPHYGMOMANOMETERS

**YTON ANEROID SPHYGMOMANOMETERS**

Economic sphygmomanometers with nylon cuff with velcro closure, reliable manometer with clip to be fixed on the cuff.
Scale 0-300 mmHg. Air release at closed tap max 4 mmHg/minute.
Manual setting of deflation possible up to 2/3 mmHg/sec.
From 260 mmHg to 15 mmHg max deflation time 10 sec.
Scale graduated every 2 mmHg.
Floating zero (the pointer has no stop point but swings freely), nylon velcro cuff, latex bulb with chromium plated valve.
Chromium-plated air tap with air release regulation by screw valve.
Supplied with a simulated-leather soft pouch with zip in a carton box.
Available in 5 versions: standard, with one piece cuff, latex free, with incorporated stethoscopes or kit (sphygmomanometer+stethoscope).
Multilanguage box and manual: GB, FR, IT, ES, PT, DE, GR, Arabic.

| GIMA code | YTON SPHYGMOMANOMETERS | |
|---|---|---|
| 32720 | YTON - black cuff | ■ |
| 32692 | YTON - one piece cuff | ■ |
| 32704 | YTON latex-free - blue cuff | ■ |
| 32703 | YTON - with incorporated - stethoscope - black cuff | ■ |
| 32693 | YTON KIT - sphygmomanometer + stethoscope | ■ |
| 32701 | YTON MANOMETER - spare | |

**32703**
*Yton with incorporated Stethoscope*

**32720**
*Yton sphygmomanometer*

32692

32704

32703

32693

# YTON DIGITAL SPHYGMO

**• 32722 YTON DIGITAL SPHYGMO**

Semi-automatic digital sphygmomanometer with manual inflation and automatic deflation through manual valve.
Light: only 50 g, one third of a normal blood pressure monitor.
A large 9 digits LCD display shows systolic/diastolic/pulse rate simultaneously, and store 90 memories.
Range: 40-260 mmHg
Pulse: 40-160 minute
Power supply: 1 x AAA battery
Multilanguage box: GB, FR, IT, ES, PT, DE, GR, Arabic.
Manual: GB, IT

*Digital Yton sphygmomanometer*

32722

## SPHYGMOMANOMETERS WITH GAUGE ON THE CUFF

**• 32724 BERLIN SPHYGMO - velcro cuff**
High quality sphygmomanometer with gauge mounted on cuff:
- high reliable manometer with extra large dial Ø 65 mm
- top quality and resistant linen cuff with simulated leather support and velcro closure
- extra large PVC bulb, 9x5 cm, latex free

Made in Italy - German manometer

**• 32723 NEW EXACTOPHON SPHYGMO - pull-on strap cuff** 🟩
GIMA quality and reliability in a stylish and long-life sphygmomanometer.
EXACTOPHON has a reliable manometer fixed on a simulated leather support, on a highly resistant linen pull-on straps cuff.
Supplied in a nice carrying case and box.
Made in Italy: GIMA.
**• 32805 EXACTOPHON BLADDER - spare**
**• 32806 EXACTOPHON CUFF - spare**

**• 32719 GIMATONO - latex free** 🟦
Economic sphygmo with chrome-plated manometer fixed on the cuff, provided with a rubber protective ring.
Nylon cuff with simulated-leather support. Two tubes adult size latex free TPU bladder, with standard latex free PVC bulb.
Supplied in nylon bag and cardboard box.
Made in P.R.C.

## SHOCK RESISTANT SPHYGMO

**• 32702 SHOCK RESISTANT SPHYGMO - nylon-cuff**
High quality, shock resistant sphygmomanometer matching the ISO 81060 standard.
**One piece design with damped system manometer**
Creative design with a new structure that fixes all parts together closely to make it more steadier.
The damped system absorbs impacts.
**Other features**
- large dial Ø 55 mm easy to read
- high precision air-release valve, provides precise rate adjustment and quick deflation
- adult nylon cuff with latex-free bladder
- soft bulb for fast inflation.

Multilanguage box and manual: GB, FR, IT, ES, PT, DE.

## MINOR 2 SPHYGMO - 2 TUBES

Adjustable gauge for perfect calibration

**• 32714 MINOR 2 SPHYGMO**
**- 2 tubes - black nylon velcro cuff**
**• 32713 MINOR 2 SPHYGMO**
**- 2 tubes - green cotton hook cuff**
High quality sphygmomanometer with traditional design and modern features.
- high precision manometer, adjustable by turning a screwdriver, for perfect calibration any time
- 2 tubes system for quick inflation
- Available with washable coated fabric velcro cuff or cotton hook cuff

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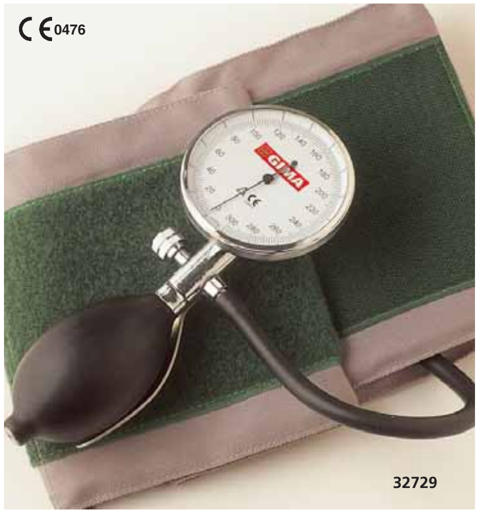
## SIRIO SPHYGMO AND 3 MULTICUFF KIT WITH BAG



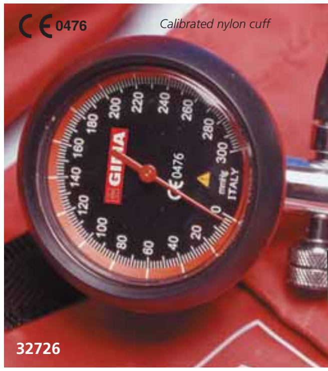
**• 32729 SIRIO SPHYGMO - adult grey/green cuff** ⬜🟩
Classic sphygmomanometer with fabric cuff with velcro closure (green/grey colour).
Reliable large dial manometer for easy readings, fixed on bulb.
Scale 0-300 mmHg, graduated every 2 mmHg.
Supplied in carrying case and box, with 4 languages user manual (English, Spanish, French, Italian).

**• 32705 SIRIO PEDIATRIC KIT - sphygmo with 3 pediatric cuffs**
Sirio with 3 pediatric cuffs: minicuff (32812) 4 months - 3years, minicuff (32813) 3-7 years, minicuff (32814) 7-10 years in a nylon bag.
**• 27177 SIRIO MULTICUFF PEDIATRIC BAG - empty**

**• 32706 SIRIO KIT 3 - sphygmo with 3 one piece cuffs**
Sirio with 3 one piece cuffs: child (32910), adult (32911) and adult large (32912) in a nylon bag.
**• 27178 SIRIO MULTICUFF BAG 3 - empty**

**• 32707 SIRIO KIT 5 - sphygmo with 5 cuffs**
Sirio with 5 cuffs: infant cuff (32886), child cuff (32888), adult cuff (32830), adult large cuff (32834) thigh cuff (32837) in a nylon bag.
**• 27179 SIRIO MULTICUFF BAG 5 - empty**

## LONDON: PROFESSIONAL SPHYGMO



**• 32725 LONDON SPHYGMO - adult - black cuff** ⬛
**• 32726 LONDON SPHYGMO - adult - red cuff** 🟥
Professional, stylish, reliable and lightweight sphygmomanometer with ABS manometer, integral PVC bulb, high quality precision mechanism, velcro closure calibrated nylon cuff and one tube TPU bladder. Dial Ø 55 mm, with specially designed eye-catching colour printing and easy to read. Special outer ring protects the manometer from shocks and the glass from scratches.
Supplied in a nice colour co-ordinated carrying bag and box.
With multilingual box and user manual: GB, FR, IT, ES, DE, PT, GR.
Latex free.

## TOKYO AUTOMATIC

- **32735 TOKYO SPHYGMO - adult - black cuff** ⬛

Professional sphygmomanometer with large Ø 65 mm dial and **button type air release valve.** ABS light plastic case, and extra shock-proof ring for long durability.

360° rotary handle.

Supplied with black nylon calibrated cuff with D-ring, black 1-tube PVC, latex free bladder and black, latex free PVC bulb in a nylon carrying bag and cardboard box.

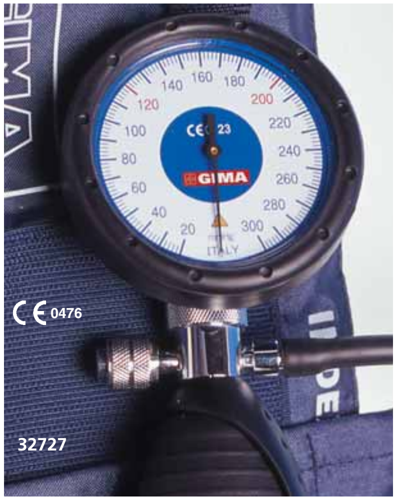
Multilanguage box and manual: GB, FR, IT, ES, DE, PT, GR, Arab.

For rapid (push) or gradual (screw) deflation

Press the button, rapid deflation

Screw the button, gradual deflation

## ROMA SPHYGMOMANOMETERS - 4 DIFFERENT MODELS



32727

32709

Pediatric

2 tubes

32734

Fluorescent dial plate

32728

Classic, lightweight, reliable palm model aneroid sphygmo with certified manometer ABS housing, integral PVC bulb and air release valve for one-hand use, provided with handle, blue nylon, velcro closure, calibrated cuff and 1 tube TPU bladder.

Easy to read: large dial Ø 60 mm, with rubber protective ring.

Supplied in a nice nylon carrying bag with external velcro pocket and cardboard box.

Latex free.

- **32727 ROMA SPHYGMO - adult - 1 tube** 🟦
- **32734 ROMA SPHYGMO - adult - 2 tubes**
- **32709 ROMA SPHYGMO - pediatry - 1 tube**

Same as 32727 but with pediatric cuff 35x11 cm

- **32728 ROMA SPHYGMO - adult**

**- fluorescent - 1 tube**

Same as 32727 but with special fluorescent dial plate to allow easy reading even in dark places.

Suitable for emergency.

- **32856 PVC RIBBED BULB**
- **32857 PVC PROTECTIVE RING**

## ROMA MULTICUFFS KIT

32738

- **32738 ROMA KIT - Sphygmo with 3 cuffs** 🟦

Same as code 32727 but supplied with 3 cuffs: one pediatric (35x11 cm), one adult (49x15 cm) and one adult large (62x17.5 cm).

Latex free.

## EMERGENCY MULTICUFF KIT

- **32771 EMERGENCY SPHYGMO KIT - 5 cuffs**

Palm type sphygmomanometer with orange silicone shockproof ring and orange cup of air-release valve.

PVC tube and 1 tube TPU bladder.

Supplied in a plastic carrying case with 5 cuffs: XS infant (13-19 cm), S child (18.4-26.7 cm), M adult (25.4-40.6 cm), L adult large (33.3-51 cm), XL thigh (40.6-66 cm)

32771

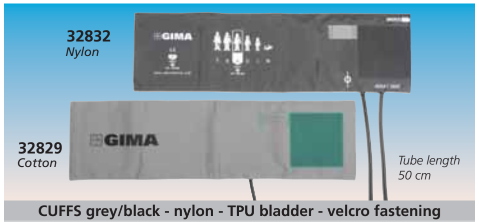
## CUFFS ASSORTMENT FROM NEWBORN TO OBESE

Nylon cuff with velcro fastening, EPDM syntetic rubber bladder, latex free

| MINI CUFFS grey/green - nylon | | | |
|---|---|---|---|
| **1 tube** | **2 tubes** | **Model** | **Size cm** |
| **32810** | **32820** | Premature | 16xh 5 |
| **32811** | **32821** | Up to 3 months | 23xh 5 |
| **32812** | **32822** | 4 months to 3 years | 29xh 7 |
| **32813** | **32823** | 3-7 years | 33xh 9 |
| **32814** | **32824** | 7-10 years | 40xh 11 |
| **32816** | **32826** | 32810-14, 32820-24 | Set 5 pieces |

Calibrated nylon cuffs with TPU bladder and PVC tube

| CALIBRATED CUFFS - latex free - nylon | | | | |
|---|---|---|---|---|
| **1 tube** | **2 tubes** | **Model** | **Size cm** | **Colour** |
| - | **32839** | Pediatric | 35x11 | ⬛ |
| **32846** | **32847** | Pediatric | 35x11 | 🟦 |
| **32842** | **32843** | Adult | 49x15 | 🟦 |
| **32844** | - | Adult | 49x15 | 🟥 |
| **32845** | **32850** | Adult | 49x15 | ⬛ |
| **32848** | **32849** | Adult large | 62x17.5 | 🟦 |
| - | **32841** | Adult large | 62x17.5 | ⬛ |



| CUFFS grey/black - nylon - TPU bladder - velcro fastening | | | | |
|---|---|---|---|---|
| **1 tube** | **2 tubes** | **Model** | **Arm circumference** | **Size cm** |
| **32886** | **32887** | Infant | 13 to 19 cm | 7.5x26 |
| **32888** | **32889** | Child | 18.4 to 26 cm | 11x34 |
| **32830** | **32832** | Adult | 25 to 40 cm | 52x15 |
| **32834** | **32835** | Adult large | 35 to 50 cm | 61x17.5 |
| **32837** | **32838** | Thigh | 41 to 66 cm | 82x21 |
| **ADULT CUFFS grey/green - cotton - TPU bladder - velcro fastening** | | | | |
| **32829** | - | Adult | | 53x14.5 |

**One tube cuff** *for Ranger, Sirio, London, Boston, Roma 1T, Tokyo, Ri-san, Precisa, Minimus.*
**Two tubes cuff** *for Minor, Diplomat, Yton line, Roma 2T, Dallas, Big Ben, Empire.*

*Bladderless nylon cuffs*
*- reusable above 10,000 times*
*- washable up to 60°C*
*- disinfectable with alcohol/ethanol*
*- ideal to prevent cross-contaminations*
*- soft surface for a pleasurable feeling on the skin*
*- tested according to ISO 105 E01*

| BLADDERLESS ONE PIECE CUFF - latex free | | | | |
|---|---|---|---|---|
| **1 tube** | **2 tubes** | **Model** | **Size** | **Arm circumference** |
| **32910** | **32913** | children | 10x34 cm | 19 to 27 cm |
| **32911** | **32914** | adult | 14.5x54 cm | 26 to 41 cm |
| **32912** | **32915** | adult large | 16x63 cm | 34.3 to 51 cm |

## SPHYGMOMANOMETERS SPARE PARTS AND ACCESSORIES

2 tubes

32875

32870

32871

32872

32873

32865

Rubber tubing maximum extension: 3 m

32862 (32860+32861)

*superior inflation system*

32859

32863

32852

32861

| GIMA code | SPHYGMOMANOMETERS SPARE PARTS | Minimum order |
|---|---|---|
| **32865** | Coiled tubing - black (42-45 spirals) - 48 cm | 10 pcs. |
| **32808** | Nylon velcro cuff (no bladder) 54 x15 cm | 10 pcs. |
| **32874** | 1 tube Bladder | 10 pcs. |
| **32875** | 2 tubes Bladder | 10 pcs. |
| **32876** | 1 tube + 1 hole Gimatono Bladder | 10 pcs. |
| **32880** | Vertical glass tube | 10 pcs. |
| **32870** | Male-Female metal connector | box 10 |
| **32871** | Screw Type metal connector | box 10 |
| **32872** | Bayonet Type metal connector | box 10 |
| **32873** | Plastic connector | box 100 |

| GIMA code | SPHYGMOMANOMETERS SPARE PARTS | Minimum order |
|---|---|---|
| **32854** | Yota PVC bulb - black - latex free | 10 pcs. |
| **32851** | Yota PVC bulb - green | 10 pcs. |
| **32855** | Yota latex bulb - black | 10 pcs. |
| **32860** | Superior PVC bulb - green - latex free* | 10 pcs. |
| **32859** | Superior PVC bulb - black* | 10 pcs. |
| **32852** | Yota chrome-plated air release valve | 10 pcs. |
| **32861** | Superior chrome plated air valve | 10 pcs. |
| **32853** | Yota inflation system | 10 pcs. |
| **32862** | Superior inflation system - latex free* | 10 pcs. |
| **32863** | Deluxe inflation system | 10 pcs. |

*Made in Germany

## BABYPHON® RIESTER PEDIATRIC SPHYGMO

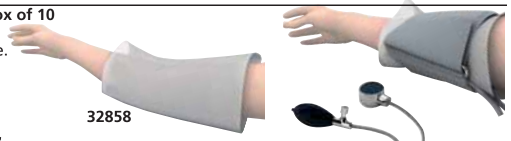
**• 32710 BABYPHON® PEDIATRIC SPHYGMO with 3 cuffs**
Palm pediatric sphygmomanometer with 3 cuffs
- fast inflation of the cuff due to ergonomic spoon-shaped stainless steel handle
- easy reading metal manometer with aluminium scale Ø 49 mm (19.29 inch)
- lifelong precision due to almost non-aging precision movement with specially tempered copper-beryllium diaphragm for pressure-loading capacity up to 600 mmHg
- linear scale up to 300 mmHg, ±3 mmHg
- bear imprint on the cuffs

Supplied with 3 pediatric cuffs (child, infant and new-born in a padded nylon zipper case).
Newborn: size 15.5x5 cm - circumference 5-8 cm
Infant: size 23x7.5 cm - circumference 8-13 cm
Baby: size 35.5x10 cm - circumference 13-17 cm

## *PRESS*<sup></sup>

## *PRESS*SAN® HYGIENIC PROTECTION OF SPHYGMOMANOMETER

**• 32858 *PRESS*SAN® HYGIENIC PROTECTION OF SPHYGMO - box of 10**
A practical hygienic accessory for the sphygmomanometer to protect patient's skin whilst measuring the blood pressure.
Made of a white non-woven fabric.
Ensures patient's comfort and hygiene.
Can fit any kind of sphygmomanometer or pressure holter.


32858

## RIESTER ORIGINAL CUFFS - LATEX FREE

| GIMA code | RIESTER code | RIESTER CUFFS 1 TUBE | Colour | Size cm | Circumference cm | Compatibility |
|---|---|---|---|---|---|---|
| 49811 | 129 | Child velcro cuff | light blue | 34.5x10 | 13-17 | Minimus II*, Precisa, Ri-san, R1 Shock proof, E-Mega*, Baby phon* |
| 49812 | 107 | Adult velcro cuff | black | 54.5x14.5 | 24-34 | |
| 49813 | 122 | Adult/large velcro cuff | black | 70x15 | 34-44 | |
| | | **ONE PIECE RIESTER CUFFS 1 TUBE washable at 60°C and disinfectable in liquid reusable up to 10,000 times. ISO 105 E01 tested** | | | | |
| 49816 | 154 | Child one-piece cuff | dark green | 35.5x10 | 13-17 | Same as cuffs 1 tube |
| 49817 | 150 | Adult one-piece cuff | dark green | 54.5x14.5 | 24-32 | |
| | | **RIESTER CUFFS 2 TUBES** | | | | |
| 49821 | 130 | Child velcro cuff | light blue | 35.5x10 | 13-17 | Big Ben |
| 49822 | 108 | Adult velcro cuff | black | 54.5x14.5 | 24-32 | |

*Metal valve not included with spare cuff, can use valve from old cuff

## HEINE ORIGINAL CUFFS - LATEX FREE

| GIMA code | HEINE code | HEINE CUFFS 1 TUBE | Colour | Size cm | Circumference cm | Compatibility |
|---|---|---|---|---|---|---|
| 49801 | M-000-09-702 | Child - 2 | grey | 10x34 | 13-20 | All Heine 1 tube |
| 49802 | M-000-09-704 | Adult small - 3 | grey | 14x53 | 20-29 | |
| 49803 | M-000-09-619 | Adult - 4 | grey | 14x58 | 29-41 | |
| 49804 | M-000-09-706 | Adult large - 5 | grey | 17x70 | 35-47 | |

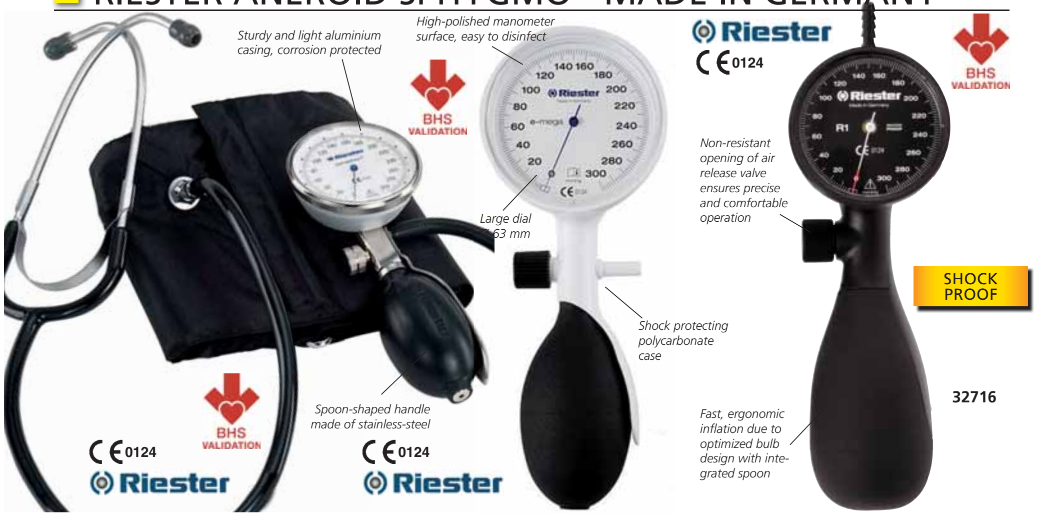
*Water resistant washable material*

## ERKA ORIGINAL GREEN SUPERB CUFFS - LATEX, PVC, DEHP FREE

Made in durable patented German PU material, perfect for cleaning and disinfection

| GIMA code | ERKA code | ERKA CUFFS 1 TUBE - grey | Size cm | Circumference cm | Compatibility |
|---|---|---|---|---|---|
| 32895 | 025-28493 | Infant | 21.5x6.6 | 10-15 | Switch and Kobold |
| 32896 | 025-27493 | Baby | 30.3x9.1 | 14-21.5 | |
| 32891 | 025-26493 | Child | 40x11.6 | 20.5-28 | |
| 32892 | 025-20493 | Adult | 47x14.3 | 27-35 | |
| 32893 | 025-24493 | Adult large | 56x17.5 | 34-43 | |
| 32894 | 025-29493 | Thigh | 75x21.5 | 42-54 | |
| | | **ERKA CUFFS 2 TUBES - green** | | | |
| 32898 | 025-26481 | Child | 40x11.6 | 20.5-28 | Vario |
| 32899 | 025-20481 | Adult | 47x14.3 | 27-35 | |
| 32900 | 025-24481 | Adult large | 56x17.5 | 34-43 | |
| | | **ERKA TWIN TUBE CUFFS - green** | | | |
| 32877 | 025-26482 | Child | 40x11.6 | 20.5-28 | Perfect Aneroid and Profi |
| 32878 | 025-20482 | Adult | 47x14.3 | 27-35 | |
| 32879 | 025-24482 | Adult large | 56x17.5 | 34-43 | |

## RIESTER ANEROID SPHYGMO - MADE IN GERMANY


Sturdy and light aluminium casing, corrosion protected
High-polished manometer surface, easy to disinfect
Large dial Ø 63 mm
Spoon-shaped handle made of stainless-steel
Shock protecting polycarbonate case
Non-resistant opening of air release valve ensures precise and comfortable operation
SHOCK PROOF
Fast, ergonomic inflation due to optimized bulb design with integrated spoon
32716

**• 32686 SANAPHON SPHYGMO with integrated stethoscope**
A classic palm-style sphygmomanometer for precise self-measurement including stethoscope. Sanaphon® guarantees exact measurement values even for patients with heart rhythm disturbances.
- maximum error tollerance ±3 mmHg
- supplied in zipper bag

**• 32687 E-MEGA SPHYGMO**
With disinfectable latex free one-piece cuff.
- fast inflation of the cuff due to new ergonomic spoon design
- lifelong precision due to almost non-aging precision movement, with specially tempered copper-beryllium diaphragm for pressure-loading capacity up to 600 mmHg
- comfort - air release valve, wearfree, with fine adjustment

**• 32716 R1 SHOCK PROOF SPHYGMO**
Exact precision that lasts a lifetime.
Made in Germany, 5 years warranty on calibration.
- shock-proof up to a falling height of 120 cm
- scale: Ø 52 mm black with red fluorescent pointer
- valve base and air duct with metal precision valve
- two-component ABS casing
- metal threaded tube connection at the top of the casing for fast cuff exchange and ergonomical operation.
- maximum error tolerance of ±3 mmHg
- weight: 173 g
- supplied in zipper bag
- latex free

Easily readable scale Ø 64, from 0 to 300 mmHg, ±3 mmHg
32715
Precision air release valve with fine adjustment and wear-free
Suitable for right or left handed users

**• 32715 RI-SAN® SPHYGMO**
High quality palm-style sphygmomanometer with ergonomic design.
Air release valve conveniently regulated by finger-tip control.
- calibrated nylon cuff with velcro
- latex-free bulb for pumping up the cuff
- tube connection at the top of pressure gauge for unhindered blood pressure measurement
- microfilter protects air release valve and measuring system
- specially tempered copper-beryllium diaphragm almost non-aging
- the precision movement guarantees reliable measurement
- diaphragm can be pressurized up to 600 mmHg without decalibrating the sphygmo.

Easily readable scale Ø 64, from 0 to 300 mmHg, ±3 mmHg
Precision air release valve with fine adjustment and wear-free
32717

**• 32717 PRECISA® N SPHYGMO**
A typical Riester quality product.
In metal with aluminium housing and single tube - plug-in connection.
- calibrated nylon cuff with velcro.
- latex-free bulb, and metal valve base
- ergonomic grip of stainless steel
- microfilter protects air release valve and measuring system
- specially tempered copper-beryllium diaphragm, with precision movement and almost non-aging
- diaphragm pressure-loading capacity up to 600 mmHg
- scale, from 0 to 300 mmHg, ±3 mmHg

Supplied with synthetic leather bag.

**• 32711 MINIMUS® II SPHYGMO**
MINIMUS® is a reliable, durable and elegant palm model aneroid chrome-plated manometer with integral latex-free bulb and air release valve for one hand use, provided with a stainless steel handle, Luer Lock connection, calibrated black nylon velcro closure cuff and 1 tube bladder. Supplied in a nice synthetic leather bag.

# KOBOLD SPHYGMOMANOMETER BY ERKA

- **32691 BLACK KOBOLD with gray cuff - 223.20493**
- **32695 GREY KOBOLD SET with 3 ped. "Superb" cuffs - 227.71.393**
- **32696 GREY KOBOLD SET with 6 "Superb" cuffs - 227.71.195**

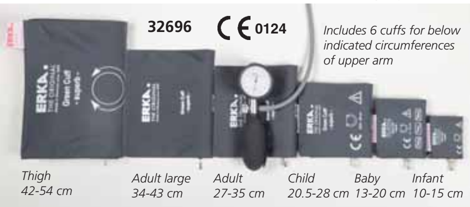
Elegant and compact, single tube sphygmomanometer for frequent use in clinic and consulting room. Precision manometer, anodised aluminium Ø 48 mm. Sensitively adjustable air reduction valve, high quality chrome finish. Scale: 300 mmHg, 2 mm scale division. New technology with air intake via the manometer capsule in the specially tempered copper-beryllium membrane. Codes 32693, 32695, 32696 are latex free. Made in Germany.

**ERKA “SUPERB” GREEN CUFFS**

All ERKA Green cuff products are PVC, demp and latex-free, every one is individually tested prior to delivery and guaranteed for 50,000 inflation cycles. They are equipped with clearly marked size and positioning features for the most accurate possible measurements. The soft, easy to disinfect, biocompatible materials ensure maximum patient comfort. Conform to ANSI/AAMI SP10 standard

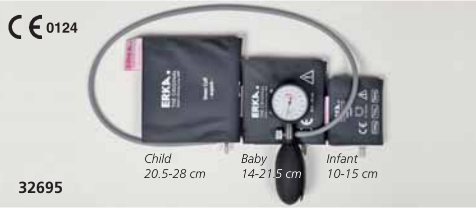
- **32891 PEDIATRIC "SUPERB" CUFF 1 TUBE 20.5 - 28 cm - grey**
- **32892 ADULT "SUPERB" CUFF 1 TUBE 27-35 cm - grey - spare**

32691


32696

CE 0124

*Includes 6 cuffs for below indicated circumferences of upper arm*


CE 0124

32695

# PERFECT ANEROID

CE 0124

*Erka Superb Green cuff. Latex, PVC and DEHP free*

32688

- **32688 ERKA PERFECT - 201.204.82 dial Ø 48 mm - 2 tubes green**

Sphygmomanometer with screw valve for sensitive adjustments, velcro cuff and case.

- manometer housing brass chromed plated
- membrane-protection 2-tube technology
- measuring range 0-300 mmHg ±1%

Made in Germany. 3 year warranty.

- **32877 PEDIATRIC "SUPERB" CUFF TWIN TUBE 20.5 - 28 cm - grey**
- **32878 ADULT "SUPERB" CUFF TWIN TUBE 27-35 cm - grey - spare**

# ERKA SWITCH

CE 0124

*Erka Superb Green cuff. Latex, PVC and DEHP free*

32698

- **32698 ERKA SWITCH 2.0 CONFORT - dial Ø 56 mm - 1 tube grey - 293.204.93**

It offers oustanding ergonomics and simple adaptation for left and right-handle users. It is manufactured from shock-resistant polycarbonate and has passed the shock test according to AAMI SP9. The sight glass is chemically stable and unbreakable. The brass valve screw works smoothly and is adjustable to exact settings. MR compatibility. Measuring range 0-300 mmHg ±1%. Supplied with pouch. Made in Germany. 4 year warranty hand held, 2 year manometer.

- **32891 PEDIATRIC "SUPERB" CUFF 1 TUBE 20.5 - 28 cm - grey**
- **32892 ADULT "SUPERB" CUFF 1 TUBE 27-35 cm - grey - spare**

# ERKA SWITCH SIMPLEX

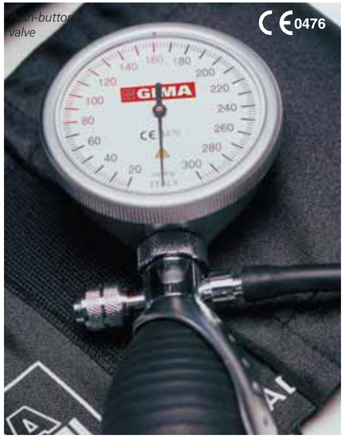
CE 0124

32697

- **32697 ERKA SWITCH SIMPLEX - dial Ø 56 mm - twin tubes grey - 294.408.94**

It is manufactured from shock-resistant polycarbonate and has passed the shock test according to AAMI SP9.
The sight glass is chemically stable and unbreakable.
The brass valve screw works smoothly and is adjustable to exact settings.
Measuring range 0-300 mmHg ±1%.
Black velcro cuff. Supplied with pouch.
Magnetic Resonance (MR) compatibility.
Made in Germany. 2 year warranty.

# BOSTON SPHYGMO



- **32731 BOSTON SPHYGMO - adult - black cuff ■**

Strong durable and elegant palm model aneroid metal zinc-alloy manometer with integral PVC bulb and air release valve for one hand use, provided with a special left and right hand adjustable handle, nylon velcro closure calibrated cuff and 1 tube TPU bladder. Easy to read: large dial Ø 60 mm. Unique push button air release valve offers precise mini-deflation. Special PVC patented ribber bulb. Latex free. Supplied with a nice nylon carrying bag. Multilanguage box and manual: GB, FR, IT, ES, PT, DE, GR, Arab.

# G5® AND G7® HEINE SPHYGMO

10 YEARS WARRANTY

5 YEARS WARRANTY

*The inflator spoon can be set for left and right-handed users.*

- **32737 GAMMA “G5®” HEINE SPHYGMO - plastic manometer - M-000.09.230**
- **32741 GAMMA “G5®” HEINE SPHYGMO - plastic manometer**

Same as 32737, but supplied without carrying bag.

- **32739 GAMMA "G7®" HEINE SPHYGMO - aluminium manometer - M-000.09.232**

With the new latex free G5® and G7® Heine, GIMA offers an aneroid sphygmomanometer of the highest quality of design and function with unequalled value for money. A modern, functional design combined with exceptional precision of measurement and durability make Heine G5® and G7® ideal for long-term use in clinic and practice environments.

- **latex-free**
- exceptionally-strong housing construction with triple-mounted, **shockproof** movement.
- **impact-resistant housing** crafted in special, shock-absorbing materials incorporate the latest advances in injection-moulding technology.
- **a microfilter** protects the valve and movement.
- **oversized inflator** speeds up cuff inflation.

Made in Germany. 5 years warranty (G5), 10 years warranty (G7).

*G5® and G7® (excluding 32741) are supplied with high quality HEINE carrying bag.*

# WELCH ALLYN® DURA SHOCK™ DS55 SPHYGMOMANOMETER

*10 years calibration warranty*

*Laser engraved dial*

*Shock resistant body*

- **32700 DURA SHOCK DS55 SILVER LINE - DS-5501-189**

Welch Allyn’s DS55 sphygmomanometer incorporating shock-resistant DuraShock technology offers practical benefits compared to traditional aneroid sphygmomanometers. This is especially beneficial in busy medical environments where equipment needs to be as robust as possible.
With DuraShock Technology, Welch Allyn B.P. gauges:

- remain in calibration longer than traditional aneroid B.P. gauges, providing you with more accurate readings.
- do not need to be replaced as often as traditional aneroid B.P. gauges, giving you a lower lifetime cost.
- have the only gauge capable of passing AAMI’s shock-resistant specification of surviving a 76 cm drop onto a hard surface and remaining in calibration.

**How DuraShock technology works**

In traditional aneroid sphygmomanometer design, several delicate gears and springs convert and amplify vertical movement of the pinion to rotational movement to turn the pointer.
The DuraShock gear-free design uses a single helix spring to directly convert the vertical movement of the pinion to rotation of the pointer without the use of a multi-step gear arrangement.
By creating a gear-free design, the Welch Allyn Durashock has fewer moving parts providing a gauge which is shock resistant and lighter than traditional gauges. Until now, a dropped sphygmomanometer required recalibration or replacement.
The DuraShock can fall 76 cm onto a hard surface and still remain accurate. It is the only gauge capable of meeting the AAMI Shock Resistant specification.

## LCD DISPLAY, MERCURY-FREE SPHYGMOMANOMETERS

**MERCURY FREE SPHYGMOMANOMETERS**

A new technology of LCD display mercury-free sphygmomanometers alternative to the mercury column.

Precise results and support to global environment saving pollution.

Manual inflation and air release.

Two measuring methods: button AUSC (Auscultation), for use with a stethoscope, button OSCI (Oscillometric), to get the result automatically, without need of a stethoscope, just inflate the cuff not less than 180 mmHg.

Suitable for pediatric use with auscultation method only (need 32825).

Supplied with adult cuff

**AND PROFESSIONAL MERCURY FREE SPHYGMOMANOMETERS**

Professional highly advanced digital blood pressure monitor alternative to the mercury column

- auscultatory blood pressure measurement
- digital readout for pulse rate
- cuff holder and grip for carrying
- durable and chemical resistant body
- full ABS housing lightweight body
- adjustable display column for easier analysis of results
- anti-glare display minimizes reflected light

CE 0476

GREEN AND ENVIRONMENTAL PROTECTION

32800

32801

32776

32775

- **32800 GREEN MERCURY FREE SPHYGMO - desk**
- **32801 GREEN MERCURY FREE SPHYGMO - on trolley with basket**
- **32825 PEDIATRIC CUFF 16-22 cm - optional**
- **32827 ADULT CUFF 22-32 cm - spare**
- **32828 LARGE ADULT CUFF 32-45 cm - optional**

**TECHNICAL SPECIFICATIONS (32800, 32801)**

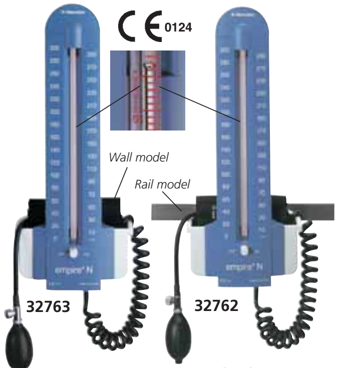
| | |
|---|---|
| Size: 360x96x66 mm (32800) | Power supply: battery |
| Measuring range: 20-280 mmHg | Accuracy: pressure: ±3 mmHg |

- **32758 UM-101 MERCURY FREE SPHYGMOMANOMETER - desk**
- **32775 UM-102A MERCURY FREE SPHYGMOMANOMETER - desk**
- **32776 UM-102B MERCURY FREE SPHYGMOMANOMETER - trolley**

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Size: | 360x96x66 mm (32775) |
| Measuring range - pressure: | 0-300 mmHg ±3 mmHg |
| - pulse: | 40-180 beats/minute ±5% (32775-6)<br>30-200 beats/minute ±5% (32758) |
| Power supply: | 2x1.5V AA alkaline batteries |

## MERCURIAL SPHYGMOMANOMETERS: DESK, WALL, TROLLEY



CE 0124

32763 32762

CE 0197 CE

32760 YTON

32759

32769

- **32762 EMPIRE - anaesthetic model (rail)**

Rail and clamp not included.

- **32766 RAIL clamp (for code 32762)**
- **32763 EMPIRE - wall**

Riester

Attractive mercury sphygmomanometers.

Housing made of resistant engineering plastic, including a basket.

Precision glass tube with inner diameter of 4.2 mm ±0.2 mm.

Face plate with easy-to-read graduated scale.

Maximum reading 300 mmHg ±3 mmHg. Mercury lock.

Basket for convenient accessory storage.

Coiled tubing extensible to 3 m.

With latex free bulb and chromed-plated air release valve.

**Made in Germany**

- **32883 GLASS TUBE - spare for EMPIRE**

- **32759 YTON MERCURIAL SPHYGMO - pediatric**

Desk mercurial sphygmomanometer in aluminium painted case with self locking, with adult nylon cuff with velcro and metal D-ring.

Range 0-300 mmHg. PVC latex free.

- **32760 YTON MERCURIAL SPHYGMO - wall**
- **32769 YTON MERCURIAL SPHYGMO - trolley - made in China**

Mercury sphygmomanometers with velcro cuff (2 tubes) and storage compartment. 0-300 mmHg. PVC latex free.

- **32764 KENZ MERCURIAL SPHYGMO - trolley**

Same as 32769, made in Japan.

NOT FOR SALE IN EUROPEAN COMMUNITY

## ERKA VARIO DESK WALL AND MOBILE - MADE IN GERMANY

- **32671 VARIO - desk - adult cuff - 285.20.481**
- **32672 VARIO - wall - adult cuff - 288.20.481+295.00.003**
- **32673 VARIO - trolley Ø 50 cm - adult cuff+288.20.481+995.00.003**

Superior quality product, made in Germany, for use in consulting rooms or hospital. The Vario model consists of a high precision manometer in a high quality ABS housing with an integrated fastening spigot for individual variable swivelling, a big cuff basket in white powder coated sheet steel, a bulb holder and spiral tubing with bulb and air release valve. This high quality chromium-plated valve makes sensitive adjustments easy.

The 150 mm scale is equipped with a mirrored exterior ring and non-reflective manometer glass.

- **32898 PEDIATRIC "SUPERB" CUFF 2 TUBES - 20.5-28 cm (arm circumference)**
- **32899 ADULT "SUPERB" CUFF 2 TUBES - 27-35 cm (arm circumference) - spare**
- **32900 LARGE "SUPERB" CUFF 2 TUBES - 34-43 cm (arm circumference)**

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Height with basket: | 260 mm (32672-3) |
| Width with basket: | 180 mm (32672-3) |
| Depth with basket: | 120 mm (32672-3) |
| Graduation: | 0-300 mmHg ±3 mmHg |
| Weight with basket: | 1,350 g |
| Height of trolley: | 830-1,360 mm (adjustable) |
| Tubing system Ø: | 18-25 mm |
| Swivel range: | up to 60 deg° |

32671

32672

32673

## RIESTER BIG BEN® - MADE IN GERMANY

- **32742 RIESTER BIG BEN® - rail**

(clamp code 32766 and rail not included)

- **32743 RIESTER BIG BEN® - wall**

Rotation 130°, 65° right, 65° left

- **32746 RIESTER BIG BEN® - trolley Ø 54 cm**

Aneroid sphygmomanometer, made of resistant plastic, with large dial (147 mm) and white pointer on black dial plate for easy-to-read measurements from 0 mmHg to 300 mmHg.

Basket on back for cuff storage after use.

Velcro-closure black cuff 2 tubes, and long coil tubing. Latex free.

Quality product: made in Germany.

- **32766 RAIL CLAMP**

Universal clamp (for code 32742) for any rail.

32743

CE 0124

Riester

BHS VALIDATION

CE 0124

32766

## OMRON PROFESSIONAL B.P. MONITOR

- **32936 OMRON DIGITAL AUTOMATIC B.P. MONITOR HEM-907**

Professional B.P. monitor designed for clinical use in professional settings.

- **gold standard accuracy**
- **validated according to international protocols:**

1- Association for the Advancement of Medical Instrumentation **(AAMI)**

2- European Society of Hypertension

- International Protocol **(ESH - IP)**
- intellisense technology
- irregular pulse indicator
- **3 modes of operation:** single mode, average mode, auscultation (manual mode).

Supplied with battery pack, adult cuff (22-32 cm), AC adapter.

Made in Japan.

- **32937 ADULT LARGE CUFF 32-42 cm**
- **32939 TROLLEY FOR OMRON HEM-907**

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Method: | Oscillometric |
| Measurement range: | pressure: 0-299 mmHg ± 3 mmHg or 2%<br>pulse rate: 30-199 beats/min ± 5% of reading |
| Inflation: | automatic inflation with pumping |
| Deflation: | automatic deflation by electromagnetic control valve |
| Air release: | automatic rapid air release by electromagnetic control valve |
| Pressure detection: | electrostatic capacity semi-conductor pressure sensor |
| Power supply: | AC adapter (230 VAC, 50 Hz, 20 VA)<br>Battery pack (4.8 VDC, 6W) |
| Electric shock protection method: Class II B type | |
| Dimension: | 139x203x131 mm (5.1/2"x8"x5.1/6") |
| Weight: | approx. 910 g |
| Complies with: | EN 1060, EN60601-1-1 - 2007 |

32936 + 32939

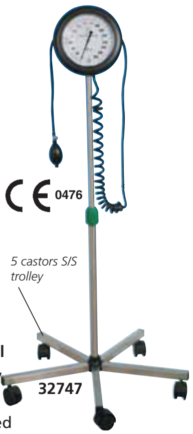
CE 0197

iHealth
Bluetooth B.P. Monitors
see page 2

## DALLAS SPHYGMO: WALL AND TROLLEY

32747

32749



32747

- **32749 DALLAS SPHYGMOMANOMETER - wall model**

Provided with rear plastic basket for cuff storage.

- **32747 DALLAS SPHYGMOMANOMETER - trolley model**

Provided with stainless steel trolley adjustable in height, with 5 castors.

All DALLAS sphygmos are provided with extra large dial plate (Ø 150 mm) for easy reading, black nylon calibrated cuff and latex quality inflation system and bladder. Scale 0-300 mmHg.

## DENVER SPHYGMO

- **32744 DENVER SPHYGMOMANOMETER - trolley - adult cuff**

Trolley sphygmomanometer, light but with high stability and 360° swivelling castors. Adjustable height (90 to 135 cm) with metal basket. Square-shaped-dial 145x145 mm. Nylon cuff, 2-tube adult TPU bladder, PVC bulb, dual use air-release valve with spring, spiral PVC tube (1.8 m).

**CALIBRATED NYLON CUFFS**

- **32839 CHILD CUFF - black**
- **32850 ADULT CUFF - black - spare**
- **32841 ADULT LARGE CUFF - black**

All cuffs with 2 tubes TPU bladder.

CE 0123

32744

## DAYTON DESK/WALL SPHYGMO

- **32745 DAYTON SPHYGMO - desk/wall model**

Provided with big dial (Ø 113 mm) for easy reading.
Basket with handle easy to move and carry.
Nylon cuff with D ring. Wall fixing.
Size: 130x130x135 mm - Weight: 180g
Measuring range: 0-300 mmHg ± 3 mmHg.

32745

## JOLLY DIGITAL B.P. MONITOR

European Society Hypertension

CE 01970

32777

FDA

- **32777 JOLLY DIGITAL BLOOD PRESSURE MONITOR**

Professional Blood Pressure monitor for medical use.

- large easy-to-read illuminated LCD display 86x74 mm
- WHO classification
- arrhythmia detection (IHB)
- 4-person memory zone - 30 memory space each
- average of all saved measured values and morning and evening blood pressure of the last 7 days
- time and date
- automatic switch-off

Multilanguage manual and box: GB, FR, IT, ES, PT, DE, PL, GR.

- **32922 CUFF - adult -** 22-30 cm (8-11") - black - spare
- **32923 CUFF - adult large -** 30-42 cm (11-16") - grey
- **32920 CUFF - adult extra large -** 42-48 cm (16-18.2") - grey

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Measurement system: | Oscillometric method |
| Measurement range: | Pressure: 0~300 mmHg ±3 mmHg<br>Pulse: 40~180 pulse/min. ±5% |
| Power source: | 4x1.5 AAA batteries included |
| Outside dimension: | 150x95xh 65 mm |
| Weight: | approx 235 g (without batteries) |

## DOMINO DIGITAL B.P. MONITOR

32803

32804

- **32803 DOMINO DIGITAL BLOOD PRESSURE MONITOR**
- **32804 DOMINO DIGITAL B.P. MONITOR on trolley with basket**

Professional Blood Pressure monitor for hospital and medical use.

- extra large LCD display with innovative design
- date/time/ambient temperature (°C/°F) display
- IHB Irregular heartbeat detector
- 120 memories (60 sets for 2 users)
- alarm clock reminding function
- WHO blood pressure classification indicator

- **32802 AC ADAPTOR**
- **32809 ADULT CUFF - spare**
- **32865 COILED TUBING EXTENSION 3 m (42/45 spirals)**

**TECHNICAL SPECIFICATIONS**

| | | |
|---|---|---|
| Measuring range: | Pressure - 40 ~ 260 mmHg | Pulse: 40 ~ 160 beats/min. |
| Accuracy: | Pressure ± 3 mmHg | Pulse: ± 5% |
| Power supply: | 4x "AA" batteries or AC adaptor (option) | |
| External dimension: | 158(L)x120(W)x127(H) mm | Weight: 490 g |

## X-LIFE AUTOMATIC DIGITAL B.P. MONITORS - ESH VALIDATED

*Size: 140x104x50 mm*
*Weight: 247 g*

*LCD size 60x51 mm*

*Cuff size for arm circumferences 23-33 cm*

CE 0476

32924

*Supplied with carrying bag*

*Size: 74.5x74x30 mm*
*Weight: 95 g*

*LCD size 34.5x42 mm*

*Cuff size for arm circumferences 13.5-19.5 cm*

CE 0476

32926

European Society Hypertension

- **32924 X-LIFE B.P. MONITOR - arm**
- **32926 X-LIFE B.P. MONITOR - wrist**

Accurate and precise automatic digital blood pressure meters for smooth and fast measurements with innovative functions:

- **IHB**: irregular heartbeat detector
- **WHO risk category indicator** (classifies your measurements in 6 stages of risk, from optimal to severe hypertension)
- proven clinically to meet European Society of Hypertension **ESH** protocol
- easy to read, wide angle display
- 120 memories for 3 users: 3 zones of 40 memories each
- start/stop unique button, with blue backlight
- multilanguage manual and box: GB, FR, IT, ES
- memory average: automatically average last 3 memories

- **32925 SPARE CUFF for 32924 - adult**
- **32927 AC ADAPTOR for 32924**

**TECHNICAL SPECIFICATIONS**

| | | |
|---|---|---|
| Measuring method: | oscillometric | |
| Measuring range: | pressure: | 0-300 mmHg |
| | pulse: | 40-199 bpm |
| Accuracy: | pressure: | ±3 mmHg |
| | pulse: | ±5% |
| Power supply: | arm type: | 4xAA alkaline batteries |
| | wrist type: | 2xAAA alkaline batteries |
| Battery life: | arm type: | 300 measures |
| | wrist type: | 250 measures |

## SMART AUTOMATIC DIGITAL B.P. MONITOR - ESH VALIDATION

CE 0197

FDA

*Display 62x43 mm LCD*

European Society Hypertension

32921

- **32921 SMART AUTOMATIC B.P. MONITOR with adult cuff**

Compact, fully logic, multiuser, B.P.M. with innovative features:

- smart inflation technology for automatic pumping to proper pressure
- WHO blood pressure indicator
- IHB Irregular Heartbeat Detection
- average value of latest 3 readings
- 2x60 memories, date and time
- displays systolic, diastolic and pulse rate separately
- multilanguage manual and box: GB, FR, IT, DE, ES, PT, PL, GR, Arabic

- **32922 CUFF - adult -** 22-30 cm (8-11") - black - spare
- **32923 CUFF - adult large -** 30-42 cm (11-16") - gray
- **32920 CUFF - adult extra large -** 42-48 cm (16-18.2") - gray

**TECHNICAL SPECIFICATIONS**

| | | |
|---|---|---|
| Measuring method: | oscillometric, automatic inflation and measurement | |
| Measuring range: | cuff pressure: | 0-300 mmHg ±3 mmHg |
| | pulse rate: | 40~180 beats/min ±5% of reading |
| | systolic: | 60-260 mmHg |
| | diastolic: | 40-199 mmHg |
| Power supply: | 4x"AA" batteries 1.5 V | |
| Dimensions: | 138x98x48 mm | |
| Weight: | 211 g (excluding batteries) | |
| Arm cuff: | for arm circumferences 22-30 cm, 30-42 cm or 42-48 cm | |

## SMART AUTOMATIC DIGITAL WRIST B.P. MONITOR

CE 0197

FDA

European Society Hypertension

*Display 31.9x39.6 mm LCD*

32918

- **32918 SMART AUTOMATIC WRIST B.P. MONITOR**

Compact, fully logic, B.P.M. with innovative features:

- smart inflation technology for automatic pumping to proper pressure
- WHO blood pressure indicator
- IHB Irregular Heartbeat Detection
- average value of latest 3 readings
- 2x60 memories, date and time
- displays systolic, diastolic and pulse rate separately
- multilanguage manual and box: GB, FR, IT, DE, ES, PT, PL, GR, Arabic

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Measuring method: | oscillometric, automatic air inflation and measurement |
| Cuff pressure: | 0-295 mmHg ±3 mmHg |
| Pulse rate range: | 40~180 beats/min ±5% of reading |
| Range of measurement: | 30-280 mmHg |
| Power supply: | 2x"AAA" batteries 1.5 V |
| Dimensions: | 84x64x28 mm |
| Weight: | 110 g (excluding batteries) |
| Wrist cuff: | applicable for wrist circumferences 14-19.5 cm |

# GIMA DIGITAL BLOOD PRESSURE MONITORS

CE 0476

**AUTOMATIC INFLATION AND DEFLATION**

Both units are supplied with multilanguage box and manual (GB, IT, FR, ES, PT, GR, DE, Arabic)

CE 0476

- **32787 GIMA AUTOMATIC B.P. MONITOR**
- **32788 SPARE CUFF - adult**

Innovative design digital fully automatic blood pressure meter:
- one-touch measurement
- 30 sec. measurement time for normal blood pressure
- 4 persons use / 30 memories each - power saving system

**TECHNICAL SPECIFICATIONS**

Measuring method: oscillometric
Display: Systol, Diastol and Pulse
Measuring range: 20~280 mmHg (cuff pressure)
40~195 beats/min (pulse rate)
Accuracy: Pressure: ± 3 mmHg
Pulse: ±5% of reading
Power supply: 4x ”AA“ batteries
Dimensions: 140x120x70 mm
Weight: 300 g (ex. batteries) Arm cuff: 22-34 cm

- **32786 GIMA AUTOMATIC WRIST B.P. MONITOR**

Reliable digital blood pressure monitor with following features:
- one touch automatic inflation and deflation
- large LCD display with date and time
- 2 person use / 60 memories each - power saving system

**TECHNICAL SPECIFICATIONS**

Measuring method: oscillometric
Measuring range: Pressure 20~280 mmHg
Pulse 40~195
Accuracy: Pressure: ± 3 mmHg
Pulse: ±5% of reading
Power supply: 2x ”AAA“ batteries
Dimensions: 80x60x75 mm
Weight: approx 130 g (including cuff, ex batteries)
Wrist circumference: 13.5 - 19.5 cm

# ANDON VALUE DIGITAL B.P MONITOR

- **32901 ANDON B.P. MONITOR**
- **32922 CUFF - adult - 22-30 cm**
- **32923 CUFF - adult large - 30-42 cm**
- **32920 CUFF - adult extra large - 42-48 cm**

CE 0197

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Measurement system | Oscillometric method |
| Measurement range | Pressure: 0~300 mmHg ±3 mmHg<br>Pulse: 40~180 pulse/min ±5% |
| Power Source | 4x1.5 V AAA batteries - not included |
| Dimensions - weight | 107x80xh 52 mm - 170 g (ex. batteries) |
| LCD size | 66x58.5 mm |

- large easy to read LCD display, WHO blood pressure indicator
- 4 groups x 30 times with time and date stamp
- average of all saved measured values and morning and evening blood pressure for the last 7 days
- arrhythmia detection (HB)
- automatic switch-off.

Cuff circumference: 22-30 cm

32901

# FULLY AUTOMATIC B.P.M.

Manual in GB, FR, IT, ES, DE, PT, GR, AR

Supplied with light blue cuff in a light blue bag

- **32947 WIDE BLOOD PRESSURE MONITOR**
- easy to use and clear LCD display
- 60 memories
- automatic switch-off
- for upper arm circumference 22-30 cm
- **32922 ADULT CUFF 22-30 cm - black - spare**
- **32923 ADULT L CUFF 30-42 cm - grey**
- **32920 ADULT XL CUFF 42-48 cm - grey**

BHS VALIDATION

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Measurement system | Oscillometric method |
| Measurement range | Pressure: 0~300 mmHg ±3 mmHg<br>Pulse: 40~180 pulse/min ±5% |
| Power Source | 4xAAA batteries |
| Dimensions - weight | 220x66xh 43 mm - 230 g (without batteries) |
| LCD size | 102.2x27.3 mm |

# TALKING B.P. MONITOR

*Voice helps user, explaining how to measure pressure, and telling obtained results.*

**B.P. MONITOR WITH VOICE**

*Features:*
*- large easy-to-read LCD display*
*- arrhythmia detection (IHB)*
*- time and date*
*- for arm circumference 22-30 cm*
*- WHO classification*
*- 60 memories*
*- automatic switch-off*
*- illuminated operation button*

- **32940 TALKING BLOOD PRESSURE MONITOR* - GB, FR, ES, PT, Arabic**
- **32941 TALKING BLOOD PRESSURE MONITOR** - IT, SE, FI, DE, TR**
- **32942 TALKING BLOOD PRESSURE MONITOR** - IT, RO, BG, HU, RU**

**Manual: GB, FR, ES, PT **Manual: IT, GB*

- **32943 AC ADAPTER 230V - 50 Hz**
- **32922 ADULT CUFF 22-30 cm - black - spare**
- **32923 ADULT L CUFF 30-42 cm - grey**
- **32920 ADULT XL CUFF 42-48 cm - grey**

**TECHNICAL SPECIFICATIONS**

| | | |
|---|---|---|
| Measurement system | Oscillometric method | |
| Measurement range | Pressure: 0~300 mmHg | Pulse: 40~180 pulse/min |
| Accuracy | Pressure: ±3 mmHg | Pulse: ±5% |
| Power Source | 4xAA batteries, optional AC/DC 6V adapter | |
| Dimensions - Weight | 153x108xh 60 mm - 290 g (without batteries) | |
| LCD size | 60x71 mm | |

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# OMRON DIGITAL BLOOD PRESSURE METERS

The Intellisense™ technology ensures that the right inflation pressure is automatically detected. It detects irregular pulses and decides fully automatically if the measurement result is usable or the measurement needs to be repeated. Only accurate results are displayed.

| OMRON BLOOD PRESSURE MONITOR USER GUIDE | M7 INTELLI IT | M6 COMFORT IT | M3 | M2 | RS3 |
|---|---|---|---|---|---|
| Clinically validated* | X | X | X | X | X |
| Intellisense technology | X | X | X | X | X |
| Irregular heartbeats detector | X | X | X | X | X |
| Cuff position detector | X | X | X | X | X |
| Cuff | Moulded comfort cuff 22-42 cm | Moulded comfort cuff 22-42 cm | Long lasting cuff 22-42 cm | Cuff 22-32 cm | Wrist cuff 13,5-21,5 cm |
| Memory measurements | 100 for 2 users | 100 for 2 users | 60 for 2 users | 30 | 60 |
| Movement detector | X | X | X | | |
| Blood pressure light indicator** | X | X | X | | |
| Average 3 last measurements*** | X | X | X | | |
| Morning hypertension | X | X | | | |
| Intelli Wrap technology**** | X | X | | | |
| PC connection | X | | | | |

**To verify validations, please see www.dableducational.org*
***Signal in case the values exceed the E.H.S. standards for domiciliary auto-measurements (85 systolic pressure and/or 135 diastolic pressure)*
****Average of 3 last measurements made in a 10 min period of time*
*****360° accuracy: accurate measurements from any position around the upper arm*

**OMRON connect mobile application for iPhone/Android**

CE 0197

- **32949 OMRON M7 INTELLI IT - HEM-7322T-E**

With Intelli wrap cuff technology.
Cuff 22-42 cm.
The connect OMRON app for smartphone allows to monitor parameters, create personalized programs, download data on PC and share them with physician.
Multilanguage box and manual:
GB, FR, IT, ES, DE, NL, RU, TR, Arabic.
- **32929 AC/DC ADAPTOR**

CE 0197 CE 0197 CE 0197

*Intelli wrap cuff fits normal and large arms and eliminate inaccurated readings associated with incorrect positioning*

- **32944 OMRON M2 HEM-7121-E**

with Easy cuff 22-32 cm.
Multilanguage box and manual:
GB, FR, IT, ES, DE, NL, RU, TR, Arabic.
- **32933 ADULT EASY CUFF 22-32 cm - HEM-CR24 - spare**
- **32929 AC/DC ADAPTOR**

- **32928 OMRON M3 HEM-7131-E**

With Easy cuff 22-42 cm.
Multilanguage box and manual:
GB, FR, IT, ES, DE, NL, RU, TR, Arabic.
- **32938 ADULT EASY CUFF 22-42 cm - HEM-RML31 - spare**
- **32929 AC/DC ADAPTOR**

- **32948 OMRON M6 COMFORT - HEM-7321-E**

With Intelli wrap cuff technology.
Cuff 22-42 cm.
Multilanguage box and manual:
GB, FR, IT, ES, DE, NL, RU, TR, Arabic.
- **32929 AC/DC ADAPTOR**

CE 0197

- **32932 OMRON RS3 HEM-6130-E**

Multilanguage manual and box:
FR, IT, NL, DE, Arabic

**TECHNICAL SPECIFICATIONS**

| | 32944 M2 | 32928 M3 | 32948 M6<br>32949 M7 | 32932 RS3 |
|---|---|---|---|---|
| Measuring method: | oscillometric | | | |
| Measuring range: Pressure: | 0 mmHg to 299 mmHg ± 3 mmHg | | | |
| Pulse: | 40 to 180 min ± 5% of display reading | | | |
| Memory (with date and time): | 30 | 60x2 users | 100x2 users | 60 |
| Inflation: | fuzzy logic controlled by electric pump | | | automatic |
| Deflation: | automatic pressure release valve | | | automatic |
| Rating: | | 6VCC 4W | | |
| Power source: | 4 "AA" batteries 1.5 V | 4 "AA" batteries 1.5 V | | 2 "AAA"batteries 1.5 V |
| Battery life (N° of measurements): | 1000 | 1000 | 1000 | 300 |
| Protection against electric shock: | | internally powered ME equipment (when using batteries) | | |
| Weight (console+cuff) whitout batteries: | 250+130 g | 280+170 g | 380+163 g | 101 g |
| Size: | 103x80 xh 129 mm | 107x141xh 79 mm | 124x161xh 90 mm | 78x60 xh 21 mm |
| Cuff materials: | nylon and polyester | | | |
| Measurable circumference: | 22-32 cm | 22-42 (arm) | 22-42 (arm) | 13.5-21.5 (wrist) |

## MICROLIFE AFIB BLOOD PRESSURE MONITOR - STROKE PREVENTION

Size: 150x100x50 mm
Weight: 385 g

Size: 160x80x32 mm
Weight: 298 g

32867

**• 32868 MICROLIFE WatchBP Home A (Professional use) + SOFTWARE**
**- detection of atrial fibrillation (specific heart arrhythmia)**
- embedded ESH/AHA measurement guidelines lead to accurate home measurement data physician can trust in
- automated data tabulations displays averages for morning, evening and overall measurement
- clinically tested (BHS protocol)
- MAM technology (automatic analysis of 3 consecutive measurements)
- 250 Data memory in «USUAL» mode
- USB port and mains adapter port
- low battery indication
- 4x1.5 V AA batteries

Supplied with carrying bag, USB cable, soft cuff 22-32 cm software (GB) and manual (GB, IT, FR, ES). Other languages available from web (DE, CZ, DK, GR, FI, HU, NL, NO, PL, RO, RU, SE, SK, SI, YU, UA).

**• 32869 ADULT LARGE CUFF 32-42 cm**
**• 32864 ADAPTER DC 6V, 600 mA**

microlife

DETECTION OF ATRIAL FIBRILLATION

**MICROLIFE AFIB technology**
An innovative and patented technology for the early detection of Atrial fibrillation (AF)
**More than 30,000 fatal strokes can be prevented within the European Union by using Microlife AFIB Technology in primary care**
The new Microlife AFIB technology allows simultaneous blood pressure measurement and AF screening.
Microlife AFIB technology detects AF with high sensitivity (97-100%) and specificity (89%) as demonstrated in several clinical studies.
Nice guidelines for "Diagnosis and assessment of hypertension" recommended using AFIB screening for routine blood pressure measurement in primary care.
AF screening by using a Microlife AFIB device is highly recommended in patients that have to monitor their blood pressure while at home.

**• 32867 MICROLIFE AFIB EASY (Home use)**
**- detection of atrial fibrillation (specific heart arrhythmia)**
- clinically tested (BHS protocol)
- MAM technology (automatic analysis of 3 consecutive measurements)
- 1 Data memory
- traffic light indicator
- low battery indicator
- rechargeable battery-friendly
- mains adapter port
- equipped with world's latest technologies
- Clinically reliable measurements with AFIB & MAM
- 5 years warranty

Supplied with carrying bag, preformed conical cuff 22-42 cm and manual (GB, FR, IT, DE). Other languages available from web: AR, BG, DK, NL, EE, FI, GR, KZ, LV, LT, NO, PT, RO, RU, ES, SE, UA.

**• 32866 ADAPTER DC 6V, 600 mA**
**• 32884 ADULT CUFF M-L 22-42 cm - spare**
**• 32885 ADULT CUFF L-XL 32-52 cm**

## A&D BLUETOOTH BP MONITOR

32907

**• 32907 UA-767 BLUETOOTH® BLOOD PRESSURE MONITOR**
B.P.M. clinically proven in accuracy, with Bluetooth®.
- compatibility with Bluetooth® Android receivers, iOS and Windows
- built-in real time clock
- 200-measurement memory
- irregular Heart Beat Indicator
- extra-large 3-line display for easier reading of results
- one-touch measurement
- comfortable Slim Fit cuff 22-32 cm (8.7"-12.6")

Supplied with carrying case, batteries and multilanguage manual (GB, FR, ES, IT, DE)

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Method | Oscillometric |
| DIsplay type | Digital, LCD16 mm /10 mm digit height,<br>pressure and pulse displayed simultaneously |
| Measurement range | 20 - 280 mmHg (pressure) I 40 - 200 pulse/minute (pulse) |
| Accuracy | ± 3 mmHg (pressure) I ± 5% (pulse) |
| Pressurization | Automatic pressurization by micro pump |
| Depressurization | Constant speed exhaust valve |
| Deflation | Automatic exhaust by electromagnetic valve |
| Power supply | 4AA alkaline batteries (R6P) for 450 measurements |
| Dimensions / Weight | 64x147x110 mm / Approximately 300 g (0.66 lb) |

Wireless communication Bluetooth 2.1 Class 1 SSP, SPP
Compatible with 2 net QUALCOMM LIFE platform

## GEMINI BLUETOOTH 4.0 SPHYGMOMANOMETER

32908

**• 32908 GEMINI BLUETOOTH SPHYGMOMANOMETER**
Electronic sphygmomanometer with fully automatic measurement of blood pressure.
- wide blue mode backlight LED display 12.8x5 cm.
- 60x2 groups memory
- average function for the last 3 measured values
- IHB function (irregular beat detection)
- WHO graduation (B.P. classification indicator)
- Bluetooth 4.0 connectivity, free APP (iOS and Android) to manage and track BP measurements

**• 32909 DC 6V POWER ADAPTER**

**TECHNICAL SPECIFICATIONS**

MWI Technology (Measuring While Inflating)

| | | |
|---|---|---|
| Measuring range: | Pressure: 0~300 mmHg ± 3 mmHg | |
| | Pulse: 40~199 beats/min ± 5% of reading | |
| Power supply: | 4xAAA batteries (not included) | |
| | DC 6V power adaptor - optional | |
| Size: | 182x100x39 mm | Arm cuff: 22-32 cm |

## ADULT AND PEDIATRIC B.P. MONITOR WITH $SpO_2$ OPTION

*Supplied with medium cuff (18-26 cm) and multilanguage manual (GB, FR, IT, ES, PT)*

32902

*PC software for data review, result analysis, trend chart observation and report print*

**• 32902 LEO ELECTRONIC SPHYGMOMANOMETER - with software**
Electronic sphygmomanometer with fully automatic measurement of blood pressure and large, high definition colour LCD display. Suitable for adult, pediatric and neonatal use.
- data storage (3 users) for up to 100 groups of data
- automatic one-touch operation
- alarm function with possibility to set alarm limits
- dual scales: kPa and mmHg
- selection of five cuff sizes
- automatic power off
- optional $SpO_2$

**• 80556 POWER ADAPTOR**

**TECHNICAL SPECIFICATIONS $SPO_2$**
$SpO_2$ range: 0%-100% (resolution 1%)
$SpO_2$ accuracy: 70%-100%: ± 2%
PR range: 30-250 bpm, (resolution 1 bpm)
PR accuracy: ± 2 bpm or ± 2% (select larger)

**TECHNICAL SPECIFICATIONS SPHYGMO**
Measurement method: oscillometric
Measurement range: 0-38.67 kPa (0-290 mmHg)
Resolution: 1 mmHg
Accuracy: static pressure: ±0.4 kPa (±3 mmHg)
Inflation - Deflation: automatic inflation - automatic multistep deflation
Display: 2.8" colour LCD screen, USB interface
Power: four "AA" batteries or optional power adapter
Safety: class II device type BF applied part
Dimension - Weight: 130x110x80 mm - 300 g

| GIMA code | $SPO_2$ PROBES* |
|---|---|
| **32903** | $SpO_2$ reusable adult probe |
| **33755** | $SpO_2$ disposable adult probe |
| **33756** | $SpO_2$ disposable child probe (3-20 kg) |
| **33757** | $SpO_2$ disposable pediatric probe (10-50 kg) |
| **80558** | Extension cable for $SpO_2$ probes |

**All $SpO_2$ probes need extension cable*

| GIMA code | CUFFS | Size | Suitable for |
|---|---|---|---|
| **80551** | Small | 6-11 cm | Child small |
| **80552** | Small/medium | 10-19 cm | Child |
| **80553** | Medium | 18-26 cm | Adult |
| **80554** | Large | 22-32 cm | Adult large |
| **80555** | X-Large | 33-47 cm | Adult extra large |

## 24 HOURS BLOOD PRESSURE MONITOR SYSTEM

32780

**• 32780 DAILY ABPM + software**
A simple, economic and small size unit for 24 hours ambulatory blood pressure monitoring. Main features:
- 4 - memory zones, 99 - readings each (total 396 measurements)
- patient-friendly performance at affordable price
- automatic measurement by two predetermined intervals
- irregular Heartbeat detector, detect a disturbance in the regular rhythm of the heartbeat
- big LCD display showing measuring date and time
- 5 - mode average function, by hour, day, week, month and overall
- transfer to PC via software and USB plug of measured values
- lithium battery, long - time measurement

Supplied with arm cuff (22-34 cm) carrying bag and software.

**• 32783 ADULT CUFF - spare**
**• 32784 LITHIUM BATTERY - spare**

**TECHNICAL SPECIFICATIONS**
Measuring type: Oscillometric system
Measuring range: Pressure: 20~80 mmHg ± 3 mmHg
Pulse: 40~195 beats/min ± 5%
Power supply: Lithium Battery, 3.7 V 1050mA
Weight: Approx. 260g (including cuff, ex. batteries)
External dimension: 184x84x33 mm Arm cuff: 22-34 cm

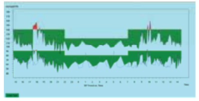
# 24 HOURS ABPM, SpO$_2$ AND PULSE RATE AMBULATORY MONITOR

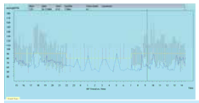
- **35110 GIMA ABPM + Pulse rate with software**
- **35112 GIMA ABPM + Pulse rate with software and Bluetooth**
- **35111 GIMA ABPM + Pulse rate + SpO$_2$ with software**

GIMA ABPM module measures the blood pressure using the oscillometric method with step deflation.
Two modes of measurement: manual and automatic. Each mode displays the diastolic, systolic and mean blood pressure.
In the MANUAL mode, only one measurement is conducted for each time.
In the AUTO mode, the measurement is cycled; you can set the interval time to 5/10/15/20/30/45/60/90 min. (35111) or 15/30/60/120/240 min. (35110, 35112)
- compact and portable, easy to use
- suitable for adult, pediatric and neonatal patient
- large colour LCD display of ABPM, SpO$_2$ and pulse rate
- adjustable audible and visual alarms
- real-time ambulatory monitoring 24 hours storage and review of date
- clinically proven accuracy
- all data can be transferred to a PC through Windows-based software or to a smartphone through Bluetooth (35112 only).

- **35113 CHILDREN CUFF - arm circumference 18-26 cm**
- **35114 ADULT CUFF - arm circumference 25-35 cm**
- **35115 ADULT LARGE CUFF - arm circumference 33-47 cm**
- **35116 THIGH CUFF - arm circumference 46-66 cm**
- **35117 EXTENSION TUBE FOR CUFFS (35113/4/5/6) - 1.5 m - spare**
- **35118 ADULT SpO$_2$ PROBE - reusable - spare**

35111





**STANDARD ACCESSORIES**

Carrying bag
Software (GB - IT)
3 nylon cuffs (pediatric, adult, adult large) - latex free
SpO$_2$ probe (only code 35111)
Cuff connection tube 1.5 m
User manual: GB, IT
Batteries

**TECHNICAL SPECIFICATIONS**

Display: colour LCD
Power: two "AA", 1.5V alkaline batteries
Dimension: 120x80x32 mm
Weight: <350 g (including batteries)

**SpO$_2$ (35111 only)**
Measurement range: 0-100%
Resolution: 1%
Accuracy: 70-100% ±2%
Alarm range: 0-100%

**NIBP**
Method: oscillometry
Mode: manual/automatic/continuous
Measurement range: 0-290 mmHg (0 KPa - 38.67 KPa)
Automatic measurement interval:
5, 10, 15, 30, 45, 60, 90, 120 min. (35111)
15, 30, 60, 120, 240 min. (35110, 35112)
Resolution: 1 mmHg
Overpressure protection: 290 mmHg
Alarm: systolic 40-270 mmHg
diastolic 20-235 mmHg
Map 10-270 mmHg
(35111 only)

**Pulse rate**
Range: 0-250 bpm (35111)
40-240 bpm (35110, 35112)
Resolution: 1 bpm
Accuracy: ±1 bpm
Alarm range: 30-250 bpm

**Operating system**
Windows XP/Seven,
8, 8.1 (at 32 & 64 bit)

# UP TO 52 HOURS AMBULATORY BLOOD PRESSURE MONITOR

- **33351 AM100 GIMA ABPM with adult cuff**

The AM100 is a compact, lightweight instrument that provides a cost-effective solution for monitoring patient's blood pressure outside the clinical environment.
AM100 employs the popular oscillometric technique of blood pressure measurement. The simplicity of this technique provides for the quickest patient hook-up. AM100 interfaces with **Win Pro PC** Software for monitor programming as well as report editing and generation.
**Oscillometric technology:** quick hook-up, making it easy to use, saving your staff time
**Compact and quiet:** silent operation and compact size aid patient compliance.
**Low power consumption:** requires only two "AA" batteries, making this unit much less expensive than others.
AM100 is supplied complete with software, adult cuff, carrying-bag, English manual and PC connection cable.

- **33348 PEDIATRIC CUFF - arm circumference 18-27 cm**
- **33349 ADULT CUFF - arm circumference 25-35 cm - spare**
- **33353 ADULT LARGE CUFF - arm circumference 33-40 cm**

**TECHNICAL SPECIFICATIONS**

Tecnique: Oscillometry with step deflation
Blood pressure range: 25-260 mmHg ±3 mmHg
Heart rate range: 40-200 bpm
Display: Liquid crystal
Recording duration: Up to 52 hours
Sample quantity: Over 250 sample of systolic, diastolic, MAP and heart rate
Sampling periods: 3 time periods
Power source: 3 VDC/Two 1.5 V "AA" Alkaline

*Compact size: 12x7x3 cm, and light, 350 g only, including batteries*

**PG WIN PRO PC INTERFACE**
- creates a monitoring plan tailored to an individual patient with up to 3 specific time periods
- generates concise clinical reports.
PG Win reports include full disclosure of blood pressure readings, heart rate, mean arterial pressure, blood pressure load and trend of BP values vs. time. Compatible with Windows 95, XP and Windows 7.

# MT 10 - HANDHELD IMPEDANCE TYMPANOMETER

- **33665 MT10 - HANDHELD TYMPANOMETER**
- **33666 MT10 - HANDHELD TYMPANOMETER WITH IPSI-REFLEX**

Professional handheld tympanometer for setting fast and reliable testing in an easy and cost effective way.
**Objective analysis**
Fast and easy to operate and provides objective measures that cannot be obtained by otoscopy alone.
**Easy and fast tympanograms**
Results can be obtained with little efforts and with no response required from the patient. This is especially beneficial when dealing with difficult-to-test patients or small children.
**Clinical application**
Suitable for diagnostic use as tympanometer and (33666 only) reflex responses are all recorded with great detail. You can detect otitis media (a major cause of temporary or permanent hearing impairment in children), a perforated eardrum, cholesteotomas and certain neurological disorders. You can also check tympanostomy tubes and follow up on post medical treatments.
**Ipsilateral Acoustic Reflex (33666 only)**
Four different reflex tests at 500, 1,000, 2,000, 4,000 Hz may be performed per ear using either fixed or automatic intensity selection. Actual reflex characteristics are displayed on the screen.
**30 patients in memory**
Can hold test results of up to 30 patients, allowing to screen a large group of patients and print out the data at a later time.
**PC-integration** with optional infrared USB interface and software. Full data-transfer to PC

- **33667 INTERFACE USB ADAPTER AND SOFTWARE BY IRDA PORT**

33669

Interacoustics

*Supplied with handle, set of 139 disposable ear-tips (mixed sizes) 4x1.5 V battery and manual in GB, DE, FR, IT, ES, SE, GR, PT, DK, FI, CZ, PL, LT, EE, HU, NL, NO, IS, RO, MK.*

**- -400 to +200 daPa**
**- ipsi-reflex (33666 only)**
**- 30 patient memory**
**- PC integration**

*The MT10 is ergonomic to hold but also offers the possibility of using the included handle to make it even more stable and lightweight as it can rest on your arm during the measurement.*

*Size: 19x8x4 cm excluding probe (length with probe 22.5 cm)*
*Weight 285 g without battery*

- **33668 BET55 SET OF DISPOSABLE EAR-TIPS - box of 139 mixed sizes**
- **33669 SANIBEL MPTII PORTABLE THERMAL PRINTER**
- **33670 THERMAL PAPER ROLLS - box of 3**

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| **Tympanometry** | |
| Analysis performed: | Peak compliance; peak pressure, gradient; equivalent ear canal volume |
| Probe tone: | 226 Hz |
| Pressure levels: | +200 daPa to -400 daPa |
| Ear volume measurement range: | 0.2 ml to 5 ml |
| Sweep speed: | Typically 200-300 daPa/sec; depending on ear & cavity volume |
| Pressure limits (safety shut off): | +600 to -800 daPa |
| **Reflex measuremets (33666 only)** | |
| Measurement mode: | ipsilateral |
| Reflex tone levels: | 500 Hz, 1 kHz, 2 kHz, 4 kHz |
| Four reflex levels: | 100 dB with 5 dB or 10 dB steps;<br>95 dB, 90 dB or 85 dB with 5 dB steps |
| Reflex analysis: | Reflex pass/refer at each level tested;<br>Maximum amplitude of each reflex (seen on printed report and PC report);<br>Pressure at which reflex was performed |

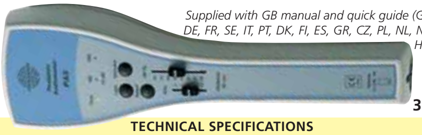
| | |
|---|---|
| **Data management** | |
| Data storage: | 30 records. Any recording can be stored once the tympanogram is viewed |
| Data held: | Patient Initials, Tympanogram and Reflex graphs and analysis for Left and/or Right Ear, Time and Date of recording, which ears were tested, whether or not the record has been printed and sent to a PC, parameters printed and/or sent to a PC, parameters used for analysis |
| **Other data** | |
| Internal backup: | >30 days without main batteries fitted |
| Battery Lifetime: | Approx. 400 tests (Alkaline AA batteries) |
| Supported printer: | Martel MCP8830 or Sanibel MPTII |
| Interface: | Infra-red, IrDA hardware, 9600 baud |
| Information printed: | Space for patient and clinician's details, Tympanogram analysis parameters,Tympanogram, Reflex analysis parameters, Reflex graph, S. N. of device, Last and Next Due Calibration dates |
| Safety standards: | IEC 60601-1. EMC: IEC 60601-1-2 |
| Impedance standard: | lEe 60645-5, Type 2 Tympanometer |

# PA5 PEDIATRIC PORTABLE AUDIOMETER

Interacoustics

- **33601 PA5 AUDIOMETER**
- **33602 TDH39 AUDIOMETRIC HEAD PHONE**

Paediatric portable audiometer with air conduction, free-field and visual stimulation capabilities. By means of a headphone it can be also used as a regular screening audiometer for adults.
PA5 helps doctors in evaluating the auditory behaviour in neonates and infants till 24 months by means of specific tests:
**Auropalpebral Reflex (APR) test**
APR test is a startle reflex of the eyelid elicited by relatively strong sounds that can be performed on neonates from the day of birth. It is not based on co-operation with the newborn child.
**Conditioned Orientation Response (COR) test**
Based on the "Orientation Reflex", a natural reflex movement elicited by sound or visual stimulation. If the visual stimulation elicits a reflex which is conditioned by a tone, the child will look towards the visual stimulation as soon as the tone is heard. If the conditioning is effective the child will look in the direction of the sound source even before the visual stimulation is presented.
**Visual Reinforcement Audiometry (VRA) test**
VRA test is an extension and modification of COR, where the cooperation with the child is less important. Not only the sound localisation orientation reflex are accepted but also four other reactions: reflex reactions (body and face), search reactions, orientation reactions and spontaneous reactions.
**Reflex audiometry and maturation of auditory response tests**
Different stimuli are presented in terms of intensity, frequency, duration, direction of sound in order to elicit proper reactions like waking-up, crying, astonishment, direct sound localization.



*Supplied with GB manual and quick guide (GB, US, DE, FR, SE, IT, PT, DK, FI, ES, GR, CZ, PL, NL, NO, EE, HU, SL).*

33601

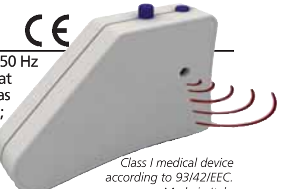
**TECHNICAL SPECIFICATIONS**

| | | |
|---|---|---|
| Frequencies: | 500, 1,000, 2,000, 3,000, 4,000 Hz | |
| Stimuli: | Warble tone, NB and WN | |
| Intensities: | Distance 50 cm: | 20/30-80dB HL in 10dB steps, for Warble Tone and WN 10/20-70dB for NB |
| | Distance 16 cm: | increases intensity by 10 dB |
| Dimensions - weight: | | LxWxH: 25x7x5 cm - 360 g |
| Power supply: | 3AA batteries (included) | |

# BOEL STYLE PEDIATRIC AUDIOLOGY TEST

- **33599 GIMA AUDIOTEST - pediatric audiology test for early detection of childhood deafness**

The Boel test is a unique screening tool that tests the hearing abilities and child's response to a sound stimulus, even at an early age (between 6 to 10 months). GIMA audiotest is based on the BOEL test both for the ergonomics (designed to be held in the palm of the hand not visible to the child) and the standard sound of the bells. The two sound stimuli emitted by the audiometer reproduce a dull low-frequency tone located at about 125-150 Hz and an acute high-frequency tone located at about 5.0-5.1 kHz in exactly the same way as the bells of the Boel test (amplitude 86dBA; 96dBA). Testing the child's response to these highly significant thresholds. Easy to use, with only two buttons for the selection of two frequencies, lightweight and battery-powered.



33599

*Class I medical device according to 93/42/EEC. Made in Italy.*

## AUDIOMETRIC BOOTHS - CONFORM TO 93/42/CEE - 2007/47/CE - Class I

- **33650 PRO 25 - 96x96x197 cm**

Portable, lightweight, sound proof booth, easy to install in few minutes. Interior finishing made of acoustic pyramid foam in anthracite grey. External finishing made of highly resistant, fire proof washable panel. Module for cable connection included. Made in Italy.

- **33651 TABLE - 79x50 cm**

| ACOUSTIC INSULATION | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Hertz** | | 125 | 250 | 500 | 1000 | 2000 | 4000 |
| **PRO 25** | dB | 18.0 | 16.0 | 26.7 | 30.8 | 28.8 | 30.9 |
| **PRO 28** | dB | 21.7 | 25.6 | 32.6 | 36.2 | 34.0 | 41.1 |
| **PRO 30** | dB | 23.4 | 24.1 | 27.8 | 34.5 | 31.3 | 36.4 |

- **33649 PRO 28F - 96x96x197 cm**

New compact booth with an outstanding level of sound proofing and excellent acoustic thanks to innovative materials. Internal finishing made of fire proof, washable and very resistant fabric. Internal ventilation system. External finishing made of highly resistant, fireproof, washable panel. Module for cable connection included. Made in Italy.

- **33651 TABLE 79x50 cm**

- **33654 PRO 30 - 107x107x242** cm**
- **33653 PRO 30 - 132x132x242** cm**
- **33655 PRO 30 - 211x107x242** cm**
- **33656 PRO 30 - 211x211x242** cm**
- **33657 PRO 30 - size on request available any size from 1x1 to 3x3**

Range with different sizes, with high noise reduction and ventilation system. External finishing made of highly resistant, fireproof, washable panel and aluminium frame. Module for cable connection included. Made in Italy.

- **33651 TABLE 79x50 cm**
- **33652 RAMPS for wheelchair access**

**TECHNICAL SPECIFICATIONS**

| | 33650 | 33649 | 33654 | 33653 | 33655 | 33656 |
|---|---|---|---|---|---|---|
| External size (cm): | 96x96xh 197 | 96x96xh 197 | 107x107xh 242** | 132x132xh 242** | 211x107xh 242** | 211x211xh 242** |
| Internal size (cm): | 81x81xh 180 | 81x81xh 173.5 | 92x92xh 201 | 117x117xh 201 | 196x92xh 201 | 196x196xh 201 |
| Door size cm: | 55xh 168 | 55xh 168 | 75xh 200 | 75xh 200 | 75xh 200 | 75xh 200 |
| opening: | Left/Right | Left/Right | Right* | | | |
| Windows size cm: | 56xh 56 | 56xh 56 | 56xh 88 | | | |
| material: | 2 - crystal insulating safety glass | | | | | |
| Wall thickness cm: | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 |
| Weight (kg): | 198 | 233 | 255 | 317 | 356 | 552 |
| Ventilation: | no | yes | yes | yes | yes | yes |
| Tested noise reduction dB at 1,000 Hz: | 30.8 | 36.2 | 34.5 | | | |
| Internal illumination power V-Hz: | 230 - 50/60 | | 86-265 - 50/60 | | | |
| Norms: | Class I Medical Devices European Directive 93/42 CEE | | | | | |

*Left opening available on request **Height includes air ventilation system (25 cm)

Cable connection module

**STANDARD ACCESSORIES**
- module for silent audiometer cable connection
- internal illumination
- ventilation system (PRO 28, PRO 30 only)
- ISPM-15 wooden box for transport
- manual: GB, IT

## SINGLE USE TYMPANOMETER EARTIPS - FOR MOST BRANDS

SANIBEL™ ear tips were designed for use with acoustic immittance instruments and otoacoustic emission system. Made of a soft and sticky biocompatible material, these ear tips greatly improve the ease of obtaining and keeping a good seal, allowing the tester to quickly move on to other tasks. Available in different sizes, with different shapes (mushroom and flanged ear tips for infants). The complete range makes it possible to accomodate all ear canal shapes and sizes. All Sanibel™ ear tips are latex free.

| GIMA code | SANIBEL™ AZE MUSHROOM EAR TIPS | Minimum order |
|---|---|---|
| **53500** | Ear tip 6 mm - violet | bag of 100 pcs |
| **53501** | Ear tip 7 mm - yellow | bag of 100 pcs |
| **53502** | Ear tip 9 mm - green | bag of 100 pcs |
| **53503** | Ear tip 10 mm - light blue | bag of 100 pcs |
| **53504** | Ear tip 11 mm - white | bag of 100 pcs |
| **53505** | Ear tip 13 mm - yellow | bag of 100 pcs |

**VERIFIED COMPATIBILITY FOR SANIBEL™ AZE**

| | |
|---|---|
| Grason-Stadler® | Tympstar™ |
| Interacoustics® | AT235™ & AT235h™ with black probe tip<br>AA222™ & AA220™ with black probe tip<br>old MT10™ |
| Maico® | MI24™, MI26™, MI34™, MI44™ with black probe tip |
| Kamplex® | All tympanometers |

| GIMA code | SANIBEL™ ADI FLANGED INFANT EAR TIPS | Minimum order |
|---|---|---|
| **53515** | Ear tip 3-5 mm - red | bag of 100 pcs |
| **53516** | Ear tip 4-7 mm - blue | bag of 100 pcs |
| **53517** | Ear tip 5-8 mm - yellow | bag of 100 pcs |

| GIMA code | SANIBEL™ ADI MUSHROOM EAR TIPS | Minimum order |
|---|---|---|
| **53520** | Ear tip 7 mm - blue | bag of 100 pcs |
| **53521** | Ear tip 8 mm - yellow | bag of 100 pcs |
| **53522** | Ear tip 9 mm - green | bag of 100 pcs |
| **53523** | Ear tip 10 mm - red | bag of 100 pcs |
| **53524** | Ear tip 11 mm - blue | bag of 100 pcs |
| **53525** | Ear tip 12 mm - yellow | bag of 100 pcs |
| **53526** | Ear tip 13 mm - green | bag of 100 pcs |
| **53527** | Ear tip 14 mm - red | bag of 100 pcs |

**VERIFIED COMPATIBILITY FOR SANIBEL™ ADI**

| | |
|---|---|
| Amplivox® | Otowave™ with clear (Type 1) probe |
| Interacoustics® | AT235™ & AT235h™ with clear probe tip adapter<br>AA222™ & AA220™ with clear probe tip adapter<br>Eclipse™ and MT10™ with clear probe tip, Titan™ |
| Maico® | MI24™, MI26™, MI34™, MI44™ with clear probe tip adapter<br>easyTimp™ - Otowave™ - Ero-scan plus™ - easyScreen™ |
| MEDRx® | Otowave™ |
| Grason-Stadler®: | Corti™ |

## SCREENING AUDIOMETER

2 lines of 24 characters backlit display

Weight: 720 g
Dimension: 252x170x65 mm
Operating power: 100-240 V, 50-60 Hz

- **53550 AMPLIVOX 116 SCREENING AUDIOMETER - air conduction**

Combines style and functionality, the ideal manual screening audiometer for primary care, school and workplace. It offers a comprehensive air conduction threshold facility at very affordable price.
- pure tone, continuous, pulsed and warble tones
- threshold retention function
- talk forward function
- 125 to 8,000 Hz test frequency
- -10 to 100 dBHL

Supplied with audiometric headset, patient response switch, audiogram cards (box of 50) main power adaptor, carrying case and manual (GB, IT, ES, on request FR, SE, PT).
- **53555 PELTOR INSULATION HEADBAND**
- **53556 AUDIOGRAM CARDS - box of 50**

## DIAGNOSTIC AUDIOMETER

2 lines of 24 characters backlit display

Weight: 735 g
Dimension: 270x175x68 mm
Operating power: 100-240 V, 50-60 Hz

- **53551 AMPLIVOX 240 DIAGNOSTIC AUDIOMETER - air, bone, masking**

Cost-effective diagnostic audiometer, ideal for desktop and mobile use.
- USB connectivity
- threshold retention function
- single, pulsed or warble tone preset
- 11 test frequencies: 125 to 8,000 Hz (AC), 250 to 8,000 Hz (BC)
- -10 to 120 dBHL range (AC), -10 to 70 dBHL (BC), 90 dBHL max (250 to 4,000 Hz) insert masking output
- automatic AC test functionality

Supplied with audiometric headset, bone conductor headset, patient response switch, audiogram cards (box of 50), main power adaptor, carrying case and manual (GB, IT, ES, on request FR, SE, RU, PT).
- **53555 PELTOR INSULATION HEADBAND**
- **53556 AUDIOGRAM CARDS - box of 50**
- **53557 INSERT FOR MASKING**

## SCREENING DIAGNOSTIC AND CLINICAL 2 CHANNEL AUDIOMETERS

Dimension: 390x260x105 mm
Weight: 2.4 kg without accessories
Power: 100-240 V, 50/60 Hz

CE 0318

LCD alphanumeric backlight
2 lines of 16 characters

Programme to personalize the audiometer according to the needs of the user

- **33623 SIBELSOUND 400-A SCREENING AUDIOMETER - air conduction**
- **33624 SIBELSOUND 400-AOM DIAGNOSTIC AUDIOMETER - air + bone + masking**
- **33626 SIBELSOUND 400-SUPRA CLINICAL AUDIOMETER - air + bone + mask + supraliminar tests + W50 software**

The SIBELSOUND 400 is a two-channel digital audiometer based on DSP processing. This audiometer is designed for quick and easy audiometric exploration of hearing thresholds and screening tests, such as suprathreshold pure tone tests (FOWLER-ABLB, TONE DECAY, WEBER, LUSCHER, ...).
- **Air conduction** (TDH 39): 125 - 8,000 Hz or HF: 8,000 - 20,000 Hz with optional HDA 200
- **Levels:** AC (-10 to 120 dB HL) / BC (-10 to 70 dB HL) / speech (-10 to100 dB HL) free field (-10 to 80 dB HL)
- **Masking levels** (manual or synchronized): NBN AC (-10 to 100 dB HL) NBN BC (-10 to 70 dB HL) white & speech (-10 to 100 dB SPL)
- **Tone:** continous, pulse, anternate, amplitude modulation.
- **Level increases:** 5 (A-AOM), 1 or 5 (SUPRA)
- **Frequency precision**: ±1%/ level precision ±2% db SPL
- **Automatic calculation of hearing loss and diagnosis** (COUNCIL, IMSS MEXICO, ELI, SAL, KLOCKHOFF, MOH, OTHERS ...)
- Direct USB **connection to PC to W50 audiometry software** for viewing, storage, transmission, analysis and introduction of audiometric tests (Windows® environment).

- **33628 INTERCOM KIT (headphone + microphone)**
- **33621 INSULATION DEVICE for air conduction phone**
- **33629 AUDIOMETRY SOFTWARE W50**

**FREQUENCIES AND LEVELS**

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **STANDARD FREQUENCY** | 125 | 250 | 500 | 750 | 1,000 | 1,500 | 2,000 | 3,000 | 4,000 | 6,000 | 8,000 | HZ |
| **MUSICAL FREQUENCY** | 131 | 262 | 523 | – | 1,047 | – | 2,093 | – | 4,186 | – | 8,372 | HZ |
| Air conduction (THD 39) | 80 | 100 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 110 | 110 | dB HL |
| Bone conduction (B 71) | – | 50 | 60 | 60 | 70 | 70 | 70 | 70 | 70 | 55 | – | dB HL |
| Free field | – | 70 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | – | dB HL |
| **MASKING NOISE** | | | | | | | | | | | | |
| Narrow bandwidth AC | 60 | 80 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 90 | dB HL |
| Narrow bandwidth BC | – | 50 | 60 | 60 | 70 | 70 | 70 | 70 | 70 | – | – | dB HL |
| White AC | | | | | | 100 | | | | | | dB SPL |
| Speech | | | | | | 100 | | | | | | dB SPL |
| **LOGO-AUDIOMETRY** | | | | | | | | | | | | |
| Air conduction | 100 | | | | | | | | | | | dB SPL |
| Free field | 80 dB at 1m from the patient | | | | | | | | | | | dB SPL |
| **Minimum levels** | | | | | | | | | | | | |
| All options | -10 | -10 | -10 | -10 | -10 | -10 | -10 | -10 | -10 | -10 | -10 | dB HL |

*Communication system:*
*- Print directly to a USB printer or connect to W50 Microsoft Windows Audiometry Software.*
*Audiometry software:*
*It allows to manage patient database, display graphically results, compare tests,... It also allows to input data performed by other audiometers, show automatic diagnosis (council IMSS,...). Compatible Windows 10*

**SIBELSOUND 400 FEATURES**

| | A | AOM | SUPRA |
|---|---|---|---|
| Audiometry type | 4 screening | 3diagnostic | 2 clinical |
| Air conduction TDH 39 | • | • | • |
| Bone conduction B71 | | • | • |
| Masking by white narrow band & speech noise | | • | • |
| Sisi test | | | • |
| Supraliminar tests | | | • |
| Speechaudiometry + Intercom kit | optional | optional | • |
| Musical frequencies | | | • |
| Intercom data base | 150 tests | 1,000 tests | 1,000 tests |
| USB connectivity | • | • | • |
| W50 audiometry software | optional | optional | • |
| User manual English, Italian (available on request French or Spanish) | • | • | • |

# PC OR PC-iPAD CONTROLLED PORTABLE AUDIOMETERS

**PICCOLO PORTABLE AUDIOMETERS**
Piccolo is a basic diagnostic audiometer offering air, bone and speech audiometry functions.
Piccolo can be controlled either from a computer running Windows or, for the first time ever, from an iPad®.
Lightweight, compact design, powerful, user-friendly software and Noah connectivity combine to make Piccolo the ideal choice for professionals on the move.

- three different models available:

**Basic** (AC only) for Pc use
**Plus** (AC/BC) for Pc or Pc-iPad® use (Aero version)
**Speech** (AC/BC/Live Speech) for Pc-iPad® use

- iPad® control (includes Aero option, 33616, 33618 only) through the Maestro App. Wireless Bluetooth connectivity
- computer control through the dedicated Noah or Daisy module. USB connection port
- small and light weight
- power supply through the USB connection, when controlled by computer.

Made in Italy.

*Software language:*
*GB, FR, IT, ES, DE, PL, PT, RU.*
*CD manual and quick guide*
*GB, FR, IT, ES, DE, PL, PT, NL.*

**TECHNICAL SPECIFICATIONS**

| | Piccolo Basic | Piccolo Plus | Piccolo Speech |
|---|---|---|---|
| Type of device | Pc control | PC (33615) or Pc and iPad® control (33616) | Pc and iPad® control |
| Class EN 60645-1, ANSI S3.6 | 4-screening | 3-diagnostic | 3-diagnostic |
| Output | AC | AC, BC | AC, BC, Live Speech |
| Masking | NBN | NBN | NBN, WN, SN |
| Warble tone | Yes | Yes | Yes |
| Pulsed tone | 0.5 Hz, 1 Hz, 2 Hz | 0.5 Hz, 1 Hz, 2 Hz | 0.5 Hz, 1 Hz, 2 Hz |
| Frequency range | 125 - 8,000 Hz | 125 - 8,000 Hz | 125 - 8,000 Hz |
| Maximum output intensities | AC: -10 to 120 dB HL | AC: -10 to 120 dB HL<br>BC : -10 to 80 dB HL | AC: -10 to 120 dB HL<br>BC: -10 to 80 dB HL |
| Attenuator step | 5 dB | 5 dB | 5 dB |
| Automatic audiometry | HW auto threshold | HW auto threshold | HW auto threshold |
| Speech audiometry | No | No | Yes |
| Speech inputs | - | - | EXT1, EXT2, Mic |
| Talk over | External microphone | External microphone | External microphone |
| Connection to PC | USB [driverless] | USB [driverless] | USB [driverless] |
| Controlling software | Daisy or Noah with Maestro module | | |
| Connection to iPad | - | Bluetooth 4 (only 33616) | Bluetooth 4 |
| Controlling app | - | Maestro (App Store) | Maestro (App Store) |
| Dimensions | 16x16x3cm (16.3x6.3x1.2 in) | | |
| Weight | 300 g (10.6 oz) | 300 g (10.6 oz) | 300 g (10.6 oz) |
| Operating voltage | 100-240 V, 50/60 Hz | 100-240 V, 50/60 Hz | 100-240 V, 50/60 Hz |

| GIMA code | SCREENING AND DIAGNOSTIC AUDIOMETERS | Management |
|---|---|---|
| **33613** | Piccolo Basic screening audiometer - air + mask | PC |
| **33615** | Piccolo Plus diagnostic audiometer - air + bone + mask | PC |
| **33616** | Piccolo Plus Aero diagnostic audiometer - air + bone + mask | PC + iPad |
| **33618** | Piccolo Speech Aero diagnostic audiometer - air + bone + live speech* + mask | PC + iPad |

**Speech material IT standard, available on request FR.*

**STANDARD ACCESSORIES**

- TDH-39 supra-aural headphones
- B71 bone vibrator (33615/6/8 only)
- Patient response switch
- Clip-on microphone for operator -to-patient communication
- Jack/jack cable (Ø 3.5 mm) - 33618 only
- Inventis Daisy Patient Record Manager, with Daisy Maestro module
- Noah Maestro module
- USB connection cable
- Medical grande power supply
- User Manual

# BELL PLUS DIAGNOSTIC AUDIOMETER

**• 33635 BELL PLUS DIAGNOSTIC AUDIOMETER - air + bone + mask + software DAISY - MAESTRO**

Bell is a basic diagnostic audiometer performing fast and accurate air and bone conduction threshold examinations.
Simple operation, fast and reliable automatic examination mode, user-friendly interface and easy portability make Bell the ideal instrument for private clinics, multi-specialist clinics and occupational medicine application.

- pure tone audiometry in AC and BC
- hughsone-Westlake auto threshold test
- colour graphic display·
- internal memory for 100 patients
- cost effective solution

*Manual:*
*GB, FR, IT, ES, DE, PT.*

**33635**

- supplied with air conduction phone and vibrator for bone conduction.

Made in Italy.

**Maestro Software interface**
The Maestro module is the software interface of Bell Plus audiometer. When it is connected to PC via USB you can see real time progress of the exam on the display and then download the data. It also allows full control of the audiometer from computer.

**STANDARD ACCESSORIES**

- TDH-39 supra-aural headphones
- B71 bone vibrator
- Patient response switch
- Plastic cover sheet
- Medical grade power supply
- User Manual

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Type of device | Hybrid audiometer |
| Class (EN 60645-1, ANSI S3.6) | 3 diagnostic |
| Output | AC, BC |
| Masking | NBN, WN |
| Insert masking earphone | Yes |
| Warble tone | Yes |
| Pulsed tone | 0.5 Hz, 1 Hz, 2 Hz |
| Frequency range | 125 - 8,000 Hz |
| Maximum output intensities | AC: -10 to 120 dB HL<br>BC: -10 to 80 dB HL |
| Attenuator step | 5 dB |
| Automatic audiometry | HW auto threshold |
| Talk over | Internal or external microphone |
| Display type | Colour graphic |
| Display size resolution | 4.3", 480x272 |
| Internal memory | 100 patients |
| Operating voltage | 100-240 V, 50/60 Hz |
| Dimensions - weight | 32x32x9 cm (12.6x12.6x3.5 in) - 1.8 kg (4.0 lbs) |

# SPIROTEL SPIROMETERS - BLUETOOTH OPTION

- **33471 SPIROTEL with WINSPIROPRO software**
- **33472 SPIROTEL with Bluetooth and WINSPIROPRO software**
- **33473 $SpO_2$ PROBE - adult - optional**
- **33410 MOUTHPIECES int Ø 2,8 x ext Ø 3, h 6.5 cm**

*LCD backlit touch screen display 160x80 pixel*

0476

*Manual and internal software languages: GB, FR, IT, DE, ES.*

*Size: 74x88x38 mm - Weight: 151 g*

A pocket laboratory which integrates 4 devices in one:

- spirometer with touch screen display
- triaxial accelerometer with motion analysis for therapy monitoring
- intelligent 3D oximeter with on screen results (with 33473)
- e-diary for home care symptom control.

Compatible with Qualcomm Life 2 net Hub

**TECHNICAL SPECIFICATION**

| | |
|---|---|
| Flow sensor: | Bi-directional digital turbine |
| Flow range: | ±16L/s - ±3% or 50 mL Flow accuracy:±5% or 200 mL/s |
| Dynamic resistance: | <0.5 cm $H_2O/L/s$ Temperature sensor: Semiconductor (0-45°C) |
| Measured parameters: | Reading on spirometer: FVC, FEV1, PEF, FEF 25/75<br>Reading on PC with Winspiro PRO: same parameters as Spirobank G |
| $SpO_2$ range: | 0-100% ±2% (50-100% $SpO_2$) |
| Pulse rate range: | 20-254 BPM ±2BPM or 2% |
| Data transmission: | USB 2.0 or Bluetooth |
| Memory capacity: | Up to 10,000 tests - 300 hours oximetry (only with 33473) |
| Power supply: | Lithium-ion 3.7 V, 1100 mAh rechargeable, for 40 hours measurements |

# DISPOSABLE AND RE-USABLE TURBINES FOR MIR SPIROMETERS

**• 33507 DISPOSABLE TURBINE WITH INTEGRATED MOUTHPIECE - box of 60**
Single patient use. Low cost and high accuracy. Individually packed to guarantee maximum hygiene. Easy to replace, no calibration needed.
Compatible with GIMA codes: 33509, 33511-14, 33518-22, 33527-29, 33530, 33532, 33534.

**• 33526 RE-USABLE TURBINE - bayonet**
Easy to replace, no calibration needed. Compatible with GIMA codes: 33511-14, 33518, 33520-22, 33528-32, 33534.

**33526**

**33507**

# MOUTHPIECES FOR MOST SPIROMETER BRANDS

Paper mouthpieces (disposable) and plastic mouthpieces (re-usable for most brands of spirometers and peak flow. Paper mouthpieces are packed in individual transparent pouch.

*Dispenser of 100*

0476

**33432**

**GIMA PAPER MOUTHPIECES**

| GIMA code | Sizes - cm Ø int x ext x h | Suitable for | Compatibility | | Minimum order |
|---|---|---|---|---|---|
| | | | GIMA codes | Other brands | |
| **33410** | 2.8x3x6.5 | adult | 33431, 33433, 33471-2, 33512-14, 33518-22, 33528-32, 33534 | Micromedical Vitalograph, Mir Ferraris (Koko legend) Cardiette (Pneumos 300) | box of 500 |
| **33897** | | | | | dispenser of 100 |
| **33411** | 2.0x2.2x6 | paediatric | | Micromedical Vitalograph, Mir | box of 250 |
| **33412** | Plastic adapter | | 33411 | Mir | - |
| **33506** | 2.6x2.8x6.5 | adult | 33480, 33484-7 | Sibel | box of 100 |
| **33494** | 1.9x2.1x7 | paediatric | 33486, 33487 | Sibel* | box of 100 |
| **33890** | 2.5x2.7x7 | adult | - | Fukuda Sangjo, Thor | dispenser of 100 |
| **33892** | 2.8x3.05x7 | adult | - | Cosmed (Pony model) | dispenser of 100 |
| **33898** | 2.8x3.05x7 | adult | - | Cosmed (Pony model) | box of 500 |
| **33895** | 3.03x3.3 | adult | - | Sensormedics, Microcard | box of 500 |
| **33899** | 2.42x2.6 | adult | - | Sorin Lifewatch, Fukuda Denshi | box of 500 |
| **GIMA PLASTIC MOUTHPIECES** | | | | | |
| **33432** | 1.7x2.1x5<br>2.7x3x5 | adult/ped | 33431, 33433 | Ferraris | - |
| **33691** | | adult | 33682-4, 6, 8 | Thor | box of 10 |

**Gimaspir A/B need adapter 33495*

# SPIROMETRY PAPERS

**• 33492 MIR SPIROLAB PAPER - roll 112mm x 25m**
Suitable also for SIBEL DATOSPIR 120 B, C, D, DATOSPIR Touch and GIMASPIR 120 models B, C, D.

**• 33893 COSMED PONY PAPER - roll 57 mm x 11 m - box of 5 rolls**

**• 33894 COSMED PONY FX PAPER - roll 112 mm x 13m - box of 25 rolls**
Compatible also with Fukuda Spirosift.

**• 33250 THERMAL PAPER - roll 58 mm**
Suitable for SIBEL DATOSPIR 120 A and GIMASPIR 120-A.

# NOSECLIP

**33474**

**• 33474 NOSE CLIP**

# BACTERIAL FILTER

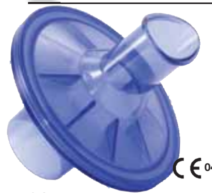
**• 33525 BACTERIAL FILTER - box of 50 for MIR, Medisoft spirometers**

**• 33557 SPIROGUARD BACTERIAL FILTER - box of 50**

**Compatibility of Spiroguard**

| | |
|---|---|
| Erich Jaeger Gmbh | Masterlab and Masterscreen |
| Ferraris Medical - P.K. Morgan | Autolink-Benchmark Transflo and USA Transfer System |
| Sensormedics | 2200 - 2400 - 2450 |
| Vitalograph | Wedge-Bellow-Alpha and Escort Spirometers |

# BACTERIAL FILTER - MOUTHPIECE FOR MOST SPIROMETER BRANDS



0476

**BACTERIAL FILTER - MOUTHPIECE**
Disposable filter with anatomical shape to prevent bacterial and viral contamination. Easy to use, direct connection to spirometer one side, patient mouthpiece other side. Suitable for most of spirometers and devices. Class II A. Individually packed in trasparent bag.
Made in Italy.

**BACTERIAL FILTERS - MOUTHPIECES - box of 100**

| GIMA code | Size - cm Ø int x ext | Compatibility with | |
|---|---|---|---|
| | | GIMA codes | Other brands |
| **33884** | 2.75x3 | 33341, 33433, 33471-2, 33509-14, 33518-22, 33528-32, 33534 | Micromedical, Vitalograph, Mir, Ferraris (koko legend), Cardiette (Pneumos 300) |
| **33885** | 2.75x3.1 | - | Cosmed |
| **33886** | 2.95x3.4 | - | Customed, Jaeger |
| **33887** | 3.05x3.5 | - | Sensormedics, BTL, Thor, Morgan, Chest, Microgard |
| **33888** | 3.4x3.6 | - | Medical Graphics |
| **33889** | 2.5x2.7 | - | Fukuda Sangjo |

## SMART ONE PEAK FLOW-FEV1

**• 33681 SMART ONE® - Peak Flow and FEV1**

*Manual in GB, FR, IT, ES, DE, PT, PL, RU, TR, CN*

0476
510 (K)
Health Canada
33681

*Graphic trends of Peak Flow and FEV1 which can be shared by email*

Ideal for monitoring respiratory illnesses and in self management of Asthma, COPD, lung transplant care, cystic fibrosis and for use in clinical trials.
**Peak flow and FEV1 on your smartphone**
Simple handheld wireless device that can be easily connected via Bluetooth to iOS and Android smartphones and tablets.
**App (GB, IT) with an exclusive incentive for adult and children** based on exhaled flow and volume that gives accurate and helpful results.
**Graphic trend of Peak Flow and FEV1**
Measurements including option to flag any test session. Test results history with Peak Flow, traffic light health indicator, symptoms scoring and notes. Low battery consumption.
**New turbine flowmeter with plastic mouthpiece**
For personal use, easy to remove for cleaning and hygienic. Made in Italy.

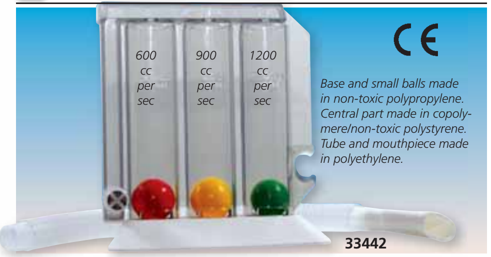
**• 33896 REUSABLE MOUTHPIECE - plastic - box of 10**

**• 33897 DISPOSABLE MOUTHPIECE - paper - box of 100**

**TECHNICAL SPECIFICATION**

| | |
|---|---|
| **General** | |
| Power supply: | 2 batteries AAA 1.5 V included |
| Autonomy: | 1,000 tests |
| Connectivity: | Low energy Bluetooth® 4.0 |
| Size - weight: | 49x109x21 mm - 61 g (batteries included) |
| Mouthpieces: | Ø 30 mm (1.18 inch) |
| **Spirometry** | |
| Flow sensor: | bi-directional digital turbine |
| Flow range: | ±16 L/s Flow accuracy: ±5% or 200 mL/s |
| Volume accuracy: | ±3% or 50 ml |
| Measured parameters: | FEV1, PEF |
| Memory capacity: | the application on the smartphone memorizes data |

## LUNG EXERCISE DEVICE



*Base and small balls made in non-toxic polypropylene. Central part made in copolymere/non-toxic polystyrene. Tube and mouthpiece made in polyethylene.*

33442

**• 33442 RESPIPROGRAM**
Device to exercise the respiration through inspiration. The respiratory-exerciser Respiprogram helps the patient to recover the normal respiration after a chest or abdominal surgery.
The device is composed of: 1 base, 3 small balls different in dimension and colours, 1 transparent central part divided into 3 rooms, 1 tube and mouthpiece. Each unit packed in single box.
Made in Italy. User manual: GB, IT.

**• 33445 TRI-BALL® - respiratory exerciser**
The respiratory-exerciser Tri-Ball® helps the patient to recover the normal respiration after a chest or abdominal surgery.
Single patient. User manual in GB, FR, DE, IT, ES.

33445
*600/900/1200 cc per sec*

## PEAK FLOW METERS

33431
0473

*Calibrated and graduated scale from 60 to 800 l/min BTPS Complies with EU/ATS*

*Plastic mouthpiece suitable for both adults and children*

**• 33431 POCKET PEAK - standard 60-800 l/min - cream**

**• 33433 POCKET PEAK - low 50-400 l/min - yellow**

The Pocketpeak Peak Flow Meter is designed to provide simple and reliable home asthma management.
Lightweight and easy to use, it provides accurate and reliable measurements over time.
It is easy to clean and features a universal mouthpiece.
The EU/ATS Scale Pocket peaks will not only comply with the new European Standards but also with ATS (American Thoracic Society) Standards.
Standards range pocket peak will cover 60-800 litres/min, low range will cover 50/400 litres/min.
Package includes multilingual directions for use and peak flow diary, all packed in a cardboard box. Made in USA.
Size 86x81x30 mm.
Weight 45 g. Standards: EN 13826:2003

**• 33432 UNIVERSAL MOUTHPIECES - re-usable**
In plastic, sterilizable, suitable both for adults and children.

**• 33410 DISPOSABLE MOUTHPIECES - box of 500**

## AEROSOL HOLDING CHAMBER

*Designed to bring you the most effective drug delivery at the lowest cost of operation*

33438

**• 33438 POCKET CHAMBER**

Now you can manage your asthma conveniently and effectively with a truly pocket-sized device, proven as effective as MDI chambers nearly twice its size.
The Pocket Chamber delivers a high concentration of respirable aerosol, to help provide relief from asthma symptoms while capturing large particles and reducing unwanted side-effects.
- whistle alerts patients if inspiratory rate is exceeded
- effective, affordable alternative to expensive aerosol delivery
- flexible port accepts virtually any MDI's mouthpiece

**TECHNICAL SPECIFICATION**

| | |
|---|---|
| Size: 108 x 47.5 mm | Volume: 110 ml |
| Mouthpiece: 22 mm external Ø | Weight: 33 g |
| Materials: All Latex Free Silicone | Warranty: One year |
| User Manual: GB, FR, IT, ES, DE, PT, NL, GR, TR | Made in USA |

## SPIROBANK II SMART - PORTABLE SPIROMETER WITH SPO$_2$ OPTION

**• 33512 SPIROBANK II SMART + WINSPIROPRO SOFTWARE**
Spirometer with 10.000 tests memory capacity, monochromatic LCD display, 6 keys membrane keypad. Battery power supply (3,7 V-1100 mA lithium) with an autonomy of approx. 50 hours of continuous use, rechargeable with USB port.
- cable (USB 2.0) or wireless (Bluetooth 4.0) connection
- internal temperature sensor for automatic BTPS conversion
- high resolution graphic display
- automatic record of a whole spirometry session including best test
- USB cable, carrying case, CD manual (GB, FR, IT, ES, DE, PT)

re-usable turbine and software included. Selectable internal software (GB, FR, IT, ES, DE, PT)

**• 33514 SPIROBANK II SMART + WINSPIROPRO SOFTWARE + OXYMETER**
Same as above with more than 300 hours of oximetric test records (SpO$_2$ % and pulse frequency tests).
Measured parameters: min, max and average SpO$_2$ %, min, max and average pulse frequency, SpO$_2$ total events, test duration, bradycardia events (<40 BPM), tachycardia events (>120 BPM), T90% (time passed with SpO$_2$ ≤89%), T89% (time passed with SpO$_2$ ≤ 88%)

**• 33525 ANTIBACTERIAL FILTER - box of 50 disposable**

**• 33507 DISPOSABLE TURBINE with mouthpiece - box of 60**

**• 33526 REUSABLE TURBINE**

**• 33410 MOUTHPIECES int. Ø 2.8 x ext. Ø 3, h 6.5 cm**

**WinspiroPRO software functions:**
(GB, FR, IT, DE, ES, PT, PL, SE, NL, LV, CZ, TR, RU, CN, JP)
- on-line PC connection with icon interface
- real time Flow/Volume and Volume/time curves
- bronchial challenge with FEV1 dose-response
- paediatric incentive animations
- integration with EPR systems
- Lung Age Estimation
- data and graphs export

also via e-mail

*PC system requirements: XP, Seven, Vista, 8, 10*

*Weight 140 g*
*Size 55x160x25 mm*
*160x80 pixel display*
33514

*Made in Italy*

*PC connection via USB or Bluetooth®*

510 (K)
0476
Health Canada

**TECHNICAL SPECIFICATIONS - SPIROMETRY**

Measured parameters FVC, FEV1, FEV1/FVC%, DTPEF, FEV 0.5, FEV0.5/FVC%, FEV0.75, FEV0.75/FVC%, FEV2, FEV2/FVC%, FEV3, FEV3/FVC%, FEV6, FEV1/FEV6%, PEF, FEF25%, FEF50%, FEF75%, FEF25-75%, FEF75-85%, FET, Vext, Lung Age, EVOL, FIVC, FIV1, PIF, FIV1/FIVC%, FIF25%, FIF50%, FIF75%, R50, PIF, IRV, VC, IVC, IC, ERV, FEV1/VC%, VT, VE, Rf, ti, te, ti/t-tot, VT/ti, MVV

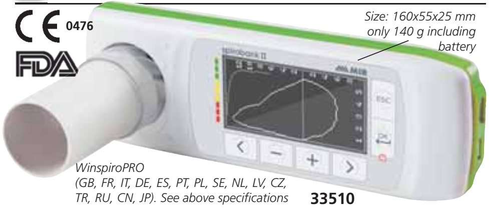
Flow sensor bi-directional digital turbine
Flow range ±16L/s
Volume accuracy ±3% or 50 mL
Flow accuracy ±5% or 200 mL/s
Dynamic resistance <0.5 cm $H_2O$/L/s
Available tests: FVC, VC, IVC, MVV, PRE - POST
Connectivity USB 2.0, Bluetooth® 4.0
Power supply Lithium-Ion 3.7V, 1100 mAh

**TECHNICAL SPECIFICATIONS - OXIMETRY (33514 only)**

Measurement method: red and infrared absorption
SpO$_2$ range: 0-99% ±2 % between 70-99% SpO$_2$
Pulse rate range: 18-300 BPM ±2 BPM or 2%
Signal quality indicator: 0-8 segments on display
Memory capacity: up to 300 hours oximetry

## SPIROBANK II BASIC

0476


*Size: 160x55x25 mm only 140 g including battery*

*WinspiroPRO (GB, FR, IT, DE, ES, PT, PL, SE, NL, LV, CZ, TR, RU, CN, JP). See above specifications*

33510

*System requirements: Microsoft Windows Vista, 2000, XP, ME, Seven, 8, 10*

**• 33510 SPIROBANK II BASIC + WINSPIROPRO software**
Complete and rapid pocket spirometer for the General Practitioner to carry out spirometry testing anywhere.
**No calibration required, use disposable turbine FlowMIR with integrated mouthpiece (33507) or reusable turbine (33526).**
- measures the most important spirometric parameters including: **FVC, VC, IVC, IC, ERV, FEV1, FEV1%, PEF, FEF 25-75, FET, EVOL, TEST POST BD**
- **traffic lights** for immediate test interpretation
- memory up to **10,000 tests**
- rechargeable **long life battery** (40 hours continuous operation)
- real time tests via **USB**
- selectable display language and CD manual (GB, IT, ES, FR, DE, PT)

Supplied with Winspiro PRO software, USB cable, 1 disposable turbine in a carriying bag.

**• 33507 FLOWMIR DISPOSABLE TURBINE with integrated mouthpiece - box of 60 - spare**

**• 33526 REUSABLE TURBINE - optional**

**TECHNICAL SPECIFICATION**

Power supply: 3.7 V, 110 mA lithium battery , USB rechargeable
Keypad: 6-key membrane keyboard Display: LCD monochrome 160x80 pixel
Flow range: + 16 l/s Flow accuracy: ± 5% or 200 ml/s whichever is greater
Max volume: 10 l Volume accuracy: ± 3% or 50 ml whichever is greater
Data transmission: USB 2.0 Made in Italy

## SPIROBANK G WITH SOFTWARE

0476

*Graphic display (128x48 pixels) with user friendly icons*

33518

**• 33518 SPIROBANK G + WINSPIROPRO software**
- stand alone spirometer with PC online operation
- 6,000 spirometry in memory
- high legibility graphic display
- FVC, VC, IVC, MVV, PRE-POST BD
- advanced spirometry test interpretation
- Lung Age Estimation (ELA)
- ready for **Telemedicine** applications
- internal temperature sensor for automatic BTPS
- upgradable internal software via internet

Standard package includes USB cable, pouch, noseclip, battery, re-usable turbine and Winspiro PRO software.

*Supplied with CD manual (GB, FR, IT, ES, DE, PT)*
*Internal software (GB, FR, IT, ES, DE, PT, PL)*

**TECHNICAL SPECIFICATION**

Measured parameters: FVC, FEV1, FEV1/FVC%, FEV3, FEV3/FVC%, FEV6, FEV1/FEV6%, PEF, FEF25%, FEF50%, FEF75%, FEF25-75%, FET, Vext, Lung Age, FIVC, FIV1, FIV1/FIVC%, PIF, VC, IVC, IC, ERV, FEV1/VC%, VT, VE, Rf, ti, te, ti/t-tot, VT/ti, MVV
Temperature sensor: semiconductor (0-45 °C)
Flow sensor: bi-directional digital turbine
Max volume: 10 l
Flow range: ± 16 l/s
Volume accuracy: ± 3% or 50 ml, whichever is greater
Flow accuracy: ± 5% or 200 ml/s, whichever is greater
Dynamic resistance at 12 l/s: <0.5 cm $H_2O$/l/s
Power supply: 9V DC (PP3 battery)
Weight: 180 g (with battery) Dimensions: 162x49x32 mm
Made in Italy
**WinspiroPRO PC system requirements**
(GB, FR, IT, DE, ES, PT,PL, SE, NL, LV, CZ, TR, RU, CN, JP)
- Microsoft Windows: Vista, 2000, XP, Me, Seven, 8
- Screen resolution: 1024x768 - Hard disk space: 160 MB

## SPIRODOC® - SPIROMETER AND OXIMETER

- **33532 SPIRODOC SPIROMETER + SOFTWARE WINSPIRO PRO - bluetooth**
- **33533 SPIRODOC OXIMETER + SOFTWARE WINSPIRO PRO**
- **33534 SPIRODOC SPIROMETER + OXIMETER + SOFTWARE - bluetooth**

One touch laboratory for respiratory analysis suitable for professional and personal use.

**Complete spirometer ATS/ERS compliant**

Specialist-level analysis, screening and Home-care monitoring. It has been developed with various operation modes: "advanced" parameters for the specialist, "reduced" set of parameters for screening as well as a "simplified" version for Home-care operation. FVC, VC, IVC, MVV, PRE-POST. Precise spirometry interpretation including post bronchodilator. All tests are automatically memorized. Automatic BTPS conversion. Memory capacity: 10.000 tests. Wide selection of predicted values.

**Intelligent pulse oximeter with on-screen results**

Simple, clear $SpO_2$ and Pulse Rate measurements with plethysmographic curve. During the single six-minute walk test (6 MWT), Spirodoc® estimates the level of oxygen therapy required by the patient. Spirodoc® carries out sleep desaturation studies and memorizes events as well as body position.

**3D Accelerometer with motion analysis**

Spirodoc® is the first 3D Oximeter® incorporating a triaxial motion sensor to correlate the saturation level (%$SpO_2$) with physical activity (walk counter, movement analysis and VMU).

**Home-care symptoms diary**

Fast on-screen symptoms entry. Touch screen with settable questions and automatic answer recording for homecare patient use (eDiary).

**High performance PC software for spirometry and oximetry**

All tests memorized in Spirodoc® are automatically downloaded into WinspiroPRO and a patient data card is created with a preview of the spirometry curve. WinspiroPRO can easily be connected to a database, EPR, hospital or occupational health system. This software also gives trend graphs of any parameter. All stored tests and curves of every patient can be reviewed on a single page and the results, including oximetry tests, can be compared. Supplied with reusable turbine.

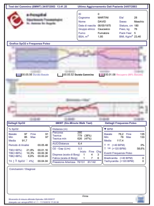
Multilanguage software: GB, FR, IT, ES, DE, PT, PL, NL SE, CZ, LV, TR, RU, CN, JP.

Internal software and CD manual: GB, FR, IT, ES, DE, PT (only manual)

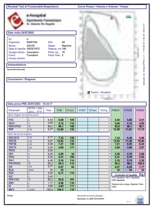
SPIROMETER + OXIMETER + 3D ACCELEROMETER IN ONE UNIT

33534

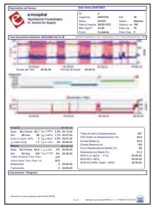
Easy touch-screen display



Three phase report of 6 minutes walk test: baseline, walk, recovery



Spirometry report



Nocturnal oximetry report with desaturation analysis

### TECHNICAL SPECIFICATIONS

**Central unit**
Display: LCD backlit touch screen display 128x64 pixels
Power supply: Lithium ion 3.7 V, 1100 mA rechargeable battery with 50 hours measurement back up
Accelerometer: Triaxial ±2 g, 400 Hz sampling
Dimension and weight: central unit 101x48x16 mm, 99 g removable turbine head: 46x47x24 mm, 17 g

**Spirometry**
Flow sensor: Bi-directional digital turbine
Flow range: ±16 L/s
Volume accuracy: ±3% or 50 mL, whichever is greater
Flow accuracy: ±5% or 200 mL, whichever is greater
Dynamic resistance at 12 L/s: <0.5 cm $H_2O$/L/s
Temperature sensor: semiconductor (0-45°C)

**Spirometer measured parameters**
FVC, FEV1, FEV1/FVC%, FEV3, FEV3/FVC%, FEV6, FEV1/FEV6%, PEF, FEF25%, FEF50%, FEF75%, FEF25%-75%, FET, Estimated Lung Age, Extr. Vol., FIVC, FIV1, FIV1/FIVC%, PIF, VC, IVC, IC, ERV, FEV1/VC%, VT, VE, Rf, ti, te, ti/t-tot, VT/ti, MW measured, MW calculated

**Oximetry**
$SpO_2$ range: 0 -100%, ±2% (50-100% $SpO_2$)
Pulse rate range: 20-254 BPM, ±2 BPM or 2%

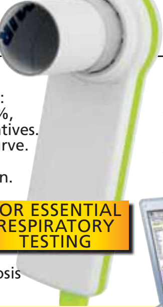
**Pulseoximeter measured parameters**
$SpO_2$ [Baseline, Min, Max, Mean], Pulse rate [Baseline, Min, Max, Mean], T90% [$SpO_2$<90%], T89%[$SpO_2$<89%], T88% [$SpO_2$<88%], T5% [Δ$SpO_2$>5%], Δindex [12s], $SpO_2$ events, Pulse rate events [Bradycardia, Tachycardia], Step counter, Movement [VMU], Recording time, Analysis time

**Sleep analysis**
Body position, $SpO_2$ events, Desaturation index (ODI), Desaturation [Mean Value, Mean duration, Longest duration, Nadir Peak], Δ$SpO_2$ [Min Drop, Max Drop], Total Pulse Variations, Pulse Rate Index, NOD89% [$SpO_2$<89%; >5min], NOD4% [$SpO_2$ Basale-4%; >5min], NOD90% [$SpO_2$<90%; Nadir<86%; >5min]

## MINISPIR® LIGHT AND MINISPIR®-USB

- **33527 MINISPIR with Winspiro Light**

Minispir Light measures 10 essential parameters for a diagnostic spirometry: FEV6, FVC, FEV1, FEV1%, PEF, FEF25/75%, FIVC, Lung Age, VC, IVC. Pediatric incentives. Flow/Volume loop and Volume/Time curve. Spirometry test interpretation. Temperature sensor for BTPS conversion. Minispir Light meets the requirements of integrated healthcare platforms and tablet applications. For use with FlowMir disposable turbine only (33507). **Winspiro Light** is an intuitive and efficient software, for complete diagnosis included in Minispir Light.



FOR ESSENTIAL RESPIRATORY TESTING

**PC SYSTEM REQUIREMENTS FOR WINSPIRO LIGHT/PRO**
Microsoft Windows: XP, Vista 32/64 bit, Seven 32/64 bit, 8
Screen resolution: 1024x768 Hard disk: 128 MB (better 256 MB)
USB socket
Multilanguage: GB, FR, IT, ES, PT, DE, PL, SE, NL, CZ, LV, TR, RU, CN, JP

**TECHNICAL SPECIFICATIONS MINISPIR/MINISPIR LIGHT**
Temperature sensor: semiconductor (0-45°C)
Flow sensor: bi-directional digital turbine
Flow range: ± 16 L/s
Volume accuracy: ± 3% or 50 mL
Flow accuracy: ± 5% or 200 mL/s
Dynamic resistance at 12 L/s: <0.5 cm $H_2O$/L/s
Communication port: USB
Power Supply: line powered from USB port
Dimension: 50x142x26 mm
Weight: 65 g

**TECHNICAL SPECIFICATIONS MINISPIR $SpO_2$**
$SpO_2$ range: 0-99%
$SpO_2$ accuracy: ± 2% tra 70-99% $SpO_2$
Pulse Rate range: 30-300 BPM
Pulse Rate accuracy: ± 2 BPM or 2%
**Measured parameters**
$SpO_2$ [Baseline, Min, Max, Mean], Pulse Rate [Baseline, Min, Max, Mean], T90 [$SpO_2$<90%], T89 [$SpO_2$<89%], T88 [$SpO_2$<88%], T5 [Δ$SpO_2$>5%], Δ Index [12s], $SpO_2$ Events, Pulse Rate Events [Bradycardia, Tachycardia]

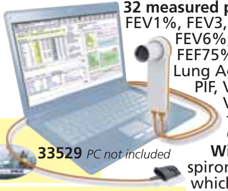
- **33528 MINISPIR with Winspiro PRO**
- **33529 MINISPIR+OXYMETER with Winspiro PRO**

Real time Flow/Volume loop and Volume/time curve with PRE/POST comparison. Advanced spirometry test interpretation. Pediatric incentive animations. Lung Age. Bronchial provocation test including new Mannitol protocol with FEV1 response curve. Temperature sensor for BTPS conversion. Supplied with reusable turbine.

**32 measured parameters:** FVC, FEV1, FEV1%, FEV3, FEV3%, FEV6, FEV1/FEV6%, PEF, FEF25%, FEF50%, FEF75%, FEF25-75%, FET, Vext, Lung Age, FIVC, FIV1, FIV1%, PIF, VC, IVC, IC, ERV, FEV1/VC%, VT, VE, Rf, ti, te, ti/t-tot, VT/ti, MVV.

CD manual GB, FR, IT, ES, DE, PT.

**Winspiro PRO** is a unique spirometry and oximetry software, which comes standard with Minispir. All patient records are shown on simple, single-screen patient cards with dynamic management of all data and graphs.



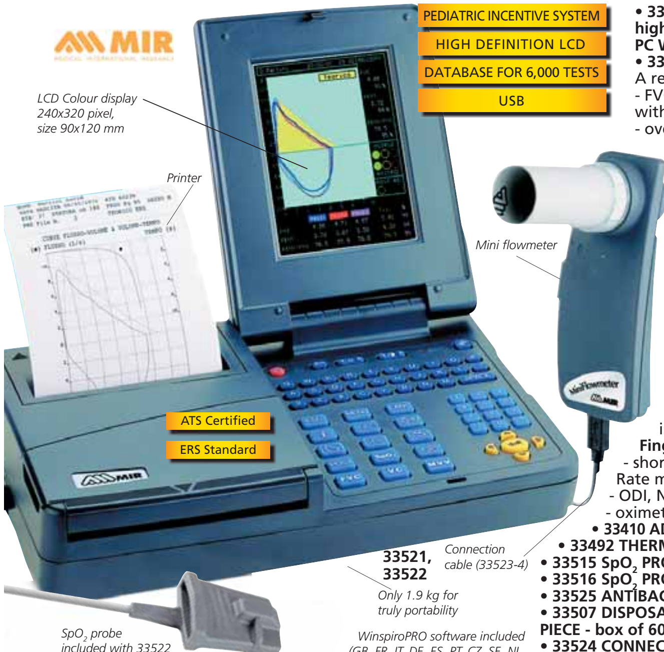
**33529** *PC not included*

FOR COMPLETE RESPIRATORY ANALYSIS

| GIMA code | SPARE PARTS AND ACCESSORIES |
|---|---|
| 33507 | Flowmir disposable turbine with integrated mouthpiece - box of 60 |
| 33410 | Adult mouthpieces Ø ext 3 cm - box of 500 pieces (only for 33526) |
| 33526 | Reusable turbine (only for 33528-9) |

---

## SPIROLAB III - DIAGNOSTIC SPIROMETER WITH $SPO_2$ OPTION



PEDIATRIC INCENTIVE SYSTEM
HIGH DEFINITION LCD
DATABASE FOR 6,000 TESTS
USB

LCD Colour display 240x320 pixel, size 90x120 mm

Printer

Mini flowmeter

ATS Certified

ERS Standard

**33521, 33522**

Connection cable (33523-4)

Only 1.9 kg for truly portability

$SpO_2$ probe included with 33522

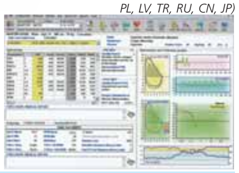
- **33521 SPIROLAB III - diagnostic spirometer with high resolution colour display, built-in printer and PC WINSPIROPRO software**
- **33522 SPIROLAB III same as 33521 with $SpO_2$**

A really complete spirometry system:
- FVC, VC with breathing pattern plus MVV tests with real time curves
- over 30 parameters with **automatic interpretation** and test quality control
- PRE/POST bronchial response protocol with F/V loop comparison
- up to 8 blows curve on one screen
- internal database for about 6,000 complete tests
- predicted values with various authors
- rechargeable battery plus mains power 220 V, 50-60 Hz (110V on request)
- user-friendly keyboard with dedicated function keys plus alphanumeric data entry
- internal temperature sensor for automatic BTPS conversion
- free upgradable internal software from web, maintaining previously stored data
- selectable multilanguage internal software (GB, FR, IT). Possibility to order also with following internal languages: DE, ES, PL, PT, RU, CN, TR.

**Finger Oximeter (33522 only)**
- short or long term (overnight) $SpO_2$ and Pulse Rate measurements
- ODI, NOD, T90%, T89%, T88, T87%
- oximetry during exercise test

- **33410 ADULT MOUTHPIECES - Ø 3 cm ext - box of 500 pcs.**
- **33492 THERMAL PAPER - 112 mm x 25 m**
- **33515 $SpO_2$ PROBE - adult - spare**
- **33516 $SpO_2$ PROBE - paediatric**
- **33525 ANTIBACTERIAL FILTER - disposable - box of 50 pcs.**
- **33507 DISPOSABLE TURBINE WITH INTEGRATED MOUTHPIECE - box of 60**
- **33524 CONNECTION CABLE MINIFLOWER-SPIROLAB III (532370) - spare**
- **33523 CONNECTION CABLE MINIFLOWER-SPIROLAB and SPIROLAB II (532375) - spare**

WinspiroPRO software included (GB, FR, IT, DE, ES, PT, CZ, SE, NL, PL, LV, TR, RU, CN, JP)



*Quality spirometry, precise measurement*
*The proven MIR digital turbine flow sensor requires* ***no calibration*** *and complies with ATS 24/26 waveforms.*
*Certified by Dr. Crapo at LDS Hospital, Salt Lake City - Utah*

0476

**STANDARD ACCESSORIES**
Carrying case
Battery charger
1 roll thermal paper
Software Winspiro PRO.
USB port and cable
CD manual: GB, FR, IT, ES, DE, PT
Nose clip
Reusable turbine (33526)

**TECHNICAL SPECIFICATIONS 33521-33522**
Flow/volume range: ± 16 l/s
Volume accuracy: ±3% or 50 ml
Flow accuracy: ±5% or 200 ml/s
Dynamic resistance: <0.8 cm $H_2O$/l/s
Dimensions: 310x205x65 mm
Parameters: FVC, FEV1, FEV1/FVC%, FEV3, FEV3/FVC%, FEV6, FEV1/FEV6%, PEF, FEF25-75%, FEF25%, FEF50%, FEF75%, FET, Vext, *FVC, *FEV1, *PEF, PIF, FIVC, FIV1, FIV1/FIVC%, VC, IVC, ERV, IC, FEV/VC%, VT, VE, Rf, Ti, Te, Ti/T-tot, VT/Ti, MVV *: Best value
PC System requirements: Windows 2000, ME, XP, Seven, Vista, 8.
Made in Italy.

## SP-10 POCKET SPIROMETER

0123

AVAILABLE WITH BLUETOOTH

33536

- **33536 SP-10 POCKET SPIROMETER**
- **33535 SP-10 POCKET SPIROMETER WITH BLUETOOTH**

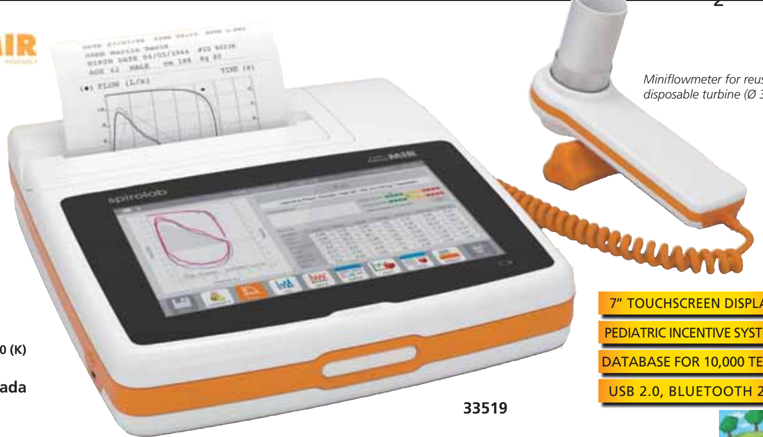
Pocket, portable spirometer with large TFT screen to clearly display both numbers and flow charts.
Synchronously measure FVC, PEF, FEV1, FEV1%, FEF25, FEF2575, FEF75.
Support diagnosis evidence by volume and flow rate chart display. Built-in predicted values.
Built-in lithium rechargeable battery and battery power display.
Supplied with USB cable for PC connection, battery charger and software to calculate data and analyse trend.

- **33410 ADULT MOUTHPIECES - Ø 3 cm ext. - box of 500 pcs**

**STANDARD ACCESSORIES**
Internal lithium battery
USB cable
PC software (english language)
User manual: GB, IT, ES.

**TECHNICAL SPECIFICATIONS**
Max volume: 10 l
Flow range: 2 l/sec - 16 l/sec
Volume accuracy: ±3% or 50 ml whichever is greater
Flow accuracy: ±5% or 200 ml/sec whichever is greater
Parameters: FVC, FEV1, PEF, FEV1%, FEV25, FEF2575, FEF75
Made in PRC
CE 92/42 - EMC group I class B - protection type BF

## SPIROLAB SPIROMETER: 7" TOUCHSCREEN AND SPO$_2$ OPTION



Miniflowmeter for reusable and disposable turbine (Ø 30 mm)

CE 0476

FDA 510 (K)

Health Canada

33519

7" TOUCHSCREEN DISPLAY

PEDIATRIC INCENTIVE SYSTEM

DATABASE FOR 10,000 TESTS

USB 2.0, BLUETOOTH 2.1

- **33519 SPIROLAB® SPIROMETER WITH 7" TOUCHSCREEN**
- **33520 SPIROLAB® SPIROMETER WITH 7" TOUCHSCREEN AND SpO$_2$**

Fast, simple, durable diagnostic spirometer, made in Italy.

**Unbeatable features**

- FVC, VC, MVV, PRE/POST Bronchodilator comparison with a wide range of selectable parameters
- long life rechargeable battery
- colour Touchscreen 7" display
- direct connection to external USB Printer PostScript
- 10,000 Spirometry tests or 500 hours of oximetry recording
- wireless Real Time test on PC via Bluetooth®
- fast and silent built-in B/W printer with customizable printout format
- selectable internal software languages: GB, FR, IT, ES, DE, PT

**Oximetry option**

Available adult and pediatric reusable finger probe.

**Fast and user friendly**

Each function can be activated by a simple touch.

**FlowMIR® disposable turbine - complies with ATS/ERS standard**

Totally disposable (mouthpiece, turbine) guarantees 100% hygiene, no cross contamination. No calibration required. Suitable also for pediatric use without need of adaptor.

Each turbine is factory calibrated with a computerized system and is individually packaged in a clean room

33507

| GIMA code | MIR code | ACCESSORIES AND SPARES | Minimum order |
|---|---|---|---|
| 33695 | 919024 | SpO$_2$ probe - adult - spare | |
| 33696 | 939006 + 919200 | SpO$_2$ probe - paediatric | |
| 33697 | 910595 | Miniflowmeter with cable - spare | |
| 33410 | - | Adult mouthpiece - Ø 30 mm ext | box of 500 |
| 33492 | - | Thermal paper - 112 mm x 25 m | - |
| 33525 | - | Antibacterial filter - disposable | box of 50 |
| 33507 | 910004 | Disposable turbine with integrated mouthpiece | box of 60 |

**TECHNICAL SPECIFICATIONS - OXIMETRY (33520 only)**

| | |
|---|---|
| SpO$_2$ range: | 0-99% |
| SpO$_2$ accuracy: | ± 2% between 70-99% SpO$_2$ |
| Pulse Rate range: | 18-300 BPM |
| Pulse Rate accuracy: | ± 2BPM or 2% whichever is greater |
| Memory capacity: | up to 500 hours oximetry |

**OXIMETRY PARAMETERS (33520 only)**

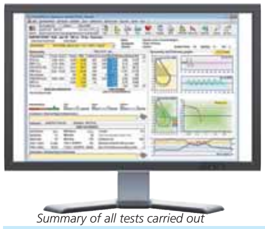
%SpO$_2$ and Pulse Rate (Min, Max, Average), Test duration, Total SpO$_2$ Events, T90% (SpO$_2$ time ≤89%), T89% (SpO$_2$ time ≤88%), T40 (Bradycardia duration with Pulse Rate <40 BPM), T120 (Tachycardia duration with Pulse Rate >120 BPM)

**Suitable for children**

Patented pediatric incentive directly on the screen.

**WinspiroPRO®**

High perfomances PC software for spirometry and oximetry with free update. Multilanguage software: GB, FR, IT, ES, DE, PT, PL, NL, LV, SE, CZ, RU, TR, JP, CN.



Summary of all tests carried out

Printout: spirometry report

**STANDARD ACCESSORIES**

| | |
|---|---|
| Carrying case | Software WinspiroPRO® |
| Battery charger | USB port and cable |
| 1 roll thermal paper | SpO$_2$ adult sensor (33520 only) |
| Reusable turbine | CD manual: GB, FR, IT, ES, DE, PT |
| Nose clip | |

**TECHNICAL SPECIFICATIONS - SPIROMETRY**

| | |
|---|---|
| Power supply: | Rechargeable battery |
| Autonomy: | approx. 10 hours |
| Temperature sensor: | semiconductor (0-45°C) |
| Flow sensor: | bi-directional digital turbine |
| Flow range: | ±16L/s |
| Volume accuracy: | ±3% or 50mL |
| Flow accuracy: | ±5% or 200mL/s |
| Dynamic resistance: | <0.5 cm $H_2O$/L/s |
| Connectivity: | USB 2.0, Bluetooth® 2.1 |
| Display: | 7" colour touch screen LCD, 800x480 resolution |
| Mouthpieces: | Ø 30 mm (1.18 inch) |
| Dimensions: | 220x210x51 mm (8,66x8,26x2") |
| Weight: | 1450 g (battery pack included) (3,1lb) |
| Electrical protection: | Class II |
| Norms: | Electrical safety standard EN 60601-1<br>Electromagnetic compatibility EN 60601-1-2 |

**SPIROMETRY PARAMETERS**

FVC, FEV1, FEV1/FVC, FEV1/VC, PEF, FEF25, FEF50, FEF75, FEF25-75, FEF75-85, Lung Age, Extrapolated Volume, FET, Time to PEF, FEV0.5, FEV0.5/FVC, FEV0.75, FEV0.75/FVC, FEV2, FEV2/FVC, FEV3, FEV3/FVC, FEV6, FEV1/ FEV6, FEV1/PEF, FEV1/FEV0.5, FIVC, FIV1, FIV1/FIVC, PIF, FIF25, FIF50, FIF75, FEF50/FIF50, VC, IVC, IC, ERV, IRV, Rf, VE, VT, tI, tE, VT/tI, tE/tTOT, MVV (measured), MVV (calculated).

**WINSPIROPRO® REQUIREMENTS**

Windows 2000, Xp, Vista (32/64 bit), 7 (32/64 bit), 8 and 8.1 (32/64 bit), 10 (32/64 bit). RAM 512 MB

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## ULTRASONIC, DISINFECTABLE SPIROMETERS

- **33682 OTTHON SPIROMETER US (English) + SOFTWARE**
- **33683 OTTHON SPIROMETER IT + SOFTWARE**
- **33684 OTTHON SPIROMETER OTHER LANGUAGES + SOFTWARE**

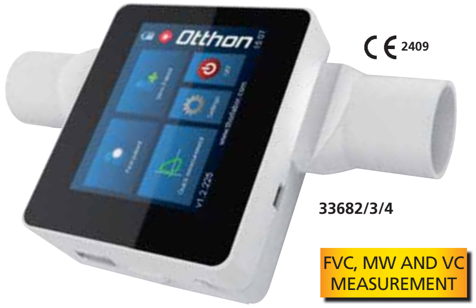
Pulmonary function diagnostics and monitoring spirometer for use by general practitioners, respiratory physicians and patients. Compact, mobile, affordable solution for screening COPD (Chronic Obstructive Pulmonary Disease) and asthma.

- automated diagnostic interpretation
- voice and video explain use of device and communicate results
- battery or USB charger
- touchscreen, bright colour high resolution LCD display QVGA (320x240 px), 16 M colours
- external printer connectivity
- automatic internal calibration
- flow tube disinfectable by cold sterilization
- power supply: USB 5 V or built in rechargeable battery

Internal software languages: GB, FR, IT, DE, ES, HU, AU, HR.
Voice languages available: US (English), AU, FR, IT, DE, ES, AT, HU.
Please indicate requested language with order.
Made in Europe.

*Size: 35x120x120 mm*
*Weight: 300 g*

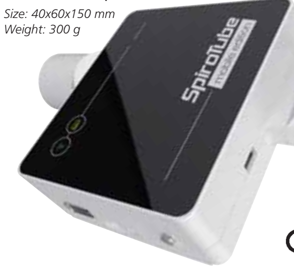
CE 2409



33682/3/4

FVC, MW AND VC MEASUREMENT

*Size: 40x60x150 mm*
*Weight: 300 g*



33686

CE 2409

- **33686 SPIROTUBE MOBILE EDITION BLUETOOTH SPIROMETER**

Pulmonary function diagnostics and monitoring spirometer with Bluetooth communication interface and built in rechargeable battery. Suitable for screening COPD and asthma.

- wireless connection to mobile phones, PDAs, android systems. Real-time measurement with FVC curve visible on the mobile screen
- plug & play USB connection to PC
- automatic internal calibration
- tele-medical connection via Bluetooth
- automated medical interpretation
- long-term monitoring for home care use
- pharmaceutical testing subsystem
- flow tube disinfectable by cold sterilization
- software can be freely downloaded from Google Play Store

Made in Europe.

*Spirotube mobile edition connects to Android based systems turning these devices into respiratory diagnostic stations*

- **33688 SPIROTUBE PC SPIROMETER + SOFTWARE**
- **33689 SPIROTUBE B SHOCK AND WATER PROOF PC SPIROMETER + SOFTWARE**

PC based pulmonary function diagnostics and monitoring spirometer with ultrasonic Idegen™ respiratory sensor. Suitable for screening COPD and asthma.

- automatic internal calibration
- tele-medical connection via internet
- plug & play USB PC connection detection
- easy upgrade, standard interfaces, XML, HL7
- long-term monitoring for life-long patient support
- pharmaceutical testing subsystem
- flow tube disinfectable by cold sterilization

**Spirotube B Edition for harsh conditions**

Features an exceptionally robust design for harsh condition and heavy use.

Power supply: USB 5 V. Made in Europe.

*Size: 27x60x150 mm*
*Weight: 300 g*

CE 2409

WATER PROOF SHOCK PROOF

33688

Waterproof

Robust silicone cover

Shockproof

**STANDARD ACCESSORIES**

| | 33682/3/4 | 33686 | 33688 |
|---|---|---|---|
| Thorsoft software | • | | • |
| Plastic mouthpieces | • | • | • |
| Mini USB cable | • | • | |
| Cups for disinfection | • | • | • |
| Battery charger | • | • | |
| Bacterial filter | • | | • |
| Carrying bag | • | | |
| Paper manual (GB) | • | • | • |
| CD manual (GB, IT, ES, DE, HU) | • | • | • |

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Flow measurement principle | Idegen™ multiple-path |
| Flow tube diameter | 30 mm (OD) |
| Dead space | 16.8 ml |
| Flow resolution | 3 ml/s (33686), 8 mb/s (33682-4, 33688) |
| Flow precision | 2% (33686, 33688), 3% (33682-4) |
| Flow range | ±18 l/s |
| Connection to PC | USB |

**MEASURED PARAMETERS**

FVC, -FEV*0.5, FEV*0.5/IVC, FEV*0.5/FVC,FEV*1.0/IVC, FEV*1.0/FVC, PEF, FEF*25-75%, MEF*75%,MEF*50%, MEF*25%, FET, MTT, FIVC, FIV*0.5, FEV1/FVC (Tiffeneau index) FIV*1.0, PIF, FIF*25-75%, IRV. ERV, TV, Breath rate value - Insp./Expi ratio: From 1:10 to 10:1

**REGISTRATIONS**

All spirometers are CE marked and registered in Indonesia, Singapore, Hong Kong, Australia, New Zealand, Korea, SaudiArabia.

**THORSOFT - PULMONARY DIAGNOSTIC PC SOFTWARE**

Standard medical interfaces (HL7, GDT, BDT, XML).
Automatic interpretation module.
Diagnostic decision support system (for general practitioners and physicians)
Complete stress testing procedure
Languages: GB, FR, IT, DE, ES, SE, TR, RO, HU, SL, CZ, HR, NL, KR, CN.

| GIMA code | ACCESSORIES | Minimum order |
|---|---|---|
| 33690 | Instrumed disinfectant concentrate 1 l (Bactericidal, fungidal, virucidal, sporocidal , tubercolocidal) | |
| 33691 | Plastic mouthpieces | box of 10 |
| 33890 | Disposable mouthpieces | box of 100 |
| 33692 | Loki Green single use bacterial filter | box of 50 |
| 33505 | Calibration syringe 3 l* | |

* *Ultrasonic spirometers do not need calibration. Syringe is only for check if requested by law.*

## SLEEP APNEA SCREEN METER

- **33676 SLEEP APNEA SCREEN METER**

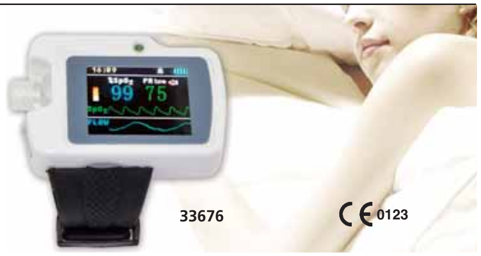
Suitable for people who have obstructive sleep apnea-hypopnea syndrome (OSAHS), chronic obstructive pulmonary diseases (COPD), asthma, vascular disease or people over 60 years old. For hospital and home use.

Features:
- wrist-design, small in volume and light in weight
- integrate multi-function in one device, convenient to know more physiological information
- displays SpO$_2$, PR, pulse sound, bar graph
- display of pulse and nasal airflow waveform
- alarm for low-power, finger-out and over-limit
- adjustable screen brightness
- real-time clock
- auto-power on/off
- multi-care record
- record data in continuous 20 hours
- upload data by USB to PC
- PC analysis software

33676

- **33677 RUBBER ADULT SpO$_2$ PROBE for day**
- **33678 NON-WOVEN SpO$_2$ PROBE for night - bag of 2**
- **34172 NASAL OXYGEN CANNULA**

| STANDARD ACCESSORIES | |
|---|---|
| Adult, Neonatal disposable SpO$_2$ probe | Adapter |
| Adult SpO$_2$ probe | USB cable |
| Software | Nose-oxygen tube |
| Manual (GB, IT) | |

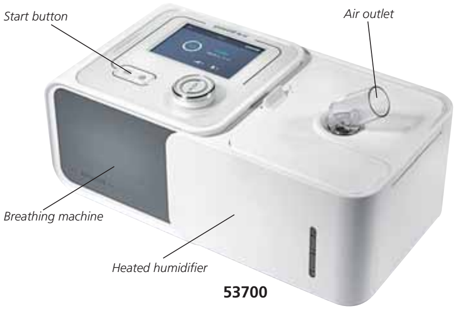

33676

CE 0123

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Nasal airflow measure range: | 0-40 rpm ±2 rpm |
| SpO$_2$ measuring range: | 0-100 % ±2 % (70-100 %), resolution 1% |
| Pulse Rate measuring range: | 30-250 bpm ±2 bpm or ± 2% (select the larger) |
| Resistance to surrounding light: | The difference between the value measured in the condition of man-made light and indoor natural light and that of darkroom is less than ±1 % |
| Display: | 1.8" colour OLED |
| Power consumption: | ≤70 mA |
| Power supply: | 3.7 V rechargeable lithium battery |
| Battery working hour: | continuously work for more than 20 hours |
| Safety Type: | Internally powered, Type BF applied part |
| Dimension of device: | 69x50x17.3 mm |
| Weight: | 100 g (lithium battery included) |

## BREATHCARE PAP DEVICES: CPAP AND AUTO CPAP



53700

CE 0123

53701

- **53700 BREATHCARE PAP DEVICE - CPAP**
- **53701 BREATHCARE PAP DEVICE - CPAP/AUTO CPAP**

The breathcare PAP devices take care of patients every night. PAP (Positive Airway Pressure) device works as an air compressor, it constantly blows pressurized air to patient's airway, to prevent airway collapse.

The PAP devices contain CPAP, Auto CPAP and BiPAP.

**CPAP:** Continuous Positive Airway Pressure device

**Auto CPAP:** Automatic Continuous Positive Airway Pressure device

**BiPAP:** Bi level Positive Airway Pressure device

**Improve sleep quality immediately**

No trauma, safe and comfortable

**User friendly with little discomfort**

**Quiet, noise ≤ 28 dB**

Ultra quiet thanks to 4 methods for reducing noise level.

**Stable** 20,000 hours life time.

**Comfortable** based on years of clinical data it effectively reduces the average treatment pressure and provides a comfortable therapy experience.

**Connection with oxygen concentrator** to supply oxygen with mask which can help ease symptoms of hypercapnia.

Internal software: GB, IT

Supplied with carrying bag, 2 filters, air hose, heated humidifier, breathing hose mask, SD card (only 53701), power adapter, power cable and manual (GB, IT)

- **53704 AIR SOFT TUBE**
- **53705 BREATHING NOSE MASK**
- **53706 AIR COTTON FILTER - box of 10**

Advised replacement every 2-3 months

- **53707 CONNECTOR to oxygen concentrator**

53705

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Treatment mode: | CPAP, Auto CPAP (53701 only) |
| Pressure range: | 4~20 cm $H_2O$ |
| Pressure accuracy: | ±0.5 cm $H_2O$ |
| Time-lapse boosting: | 0~45 min |
| Alarm protection: | face mask fell alarm |
| Operating power: | 100-240 V, 50-60 Hz DC 24 V |
| Automatic altimetric compensation: | 3500m |
| USM air circuit system: | ultra silence air circuit system |
| PCM: | noise removal technology |
| 3A self adapting frequency adjustment technique | |
| Size - weight: | 27x13.5xh 10 cm - 1.5 kg |

Separable body

Medical humidifier for 1 day line

3.5 inches LCD screen

Portable bag

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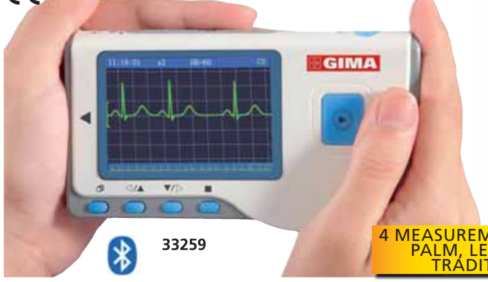
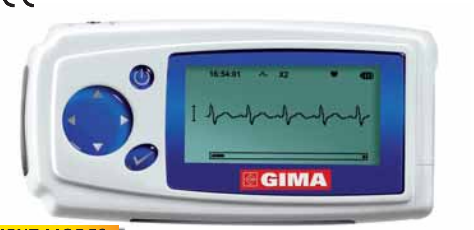
## SINGLE CHANNEL PALM ECG: CARDIO-A AND CARDIO-B

CE 0123


33259

CE 0476


33260

4 MEASUREMENT MODES: PALM, LEG, CHEST, TRADITIONAL

**PALM ECG'S** are designed for general practitioners or for domestic users who suffer from cardiovascular diseases such as hypertension, coronary disorders, giving the possibility of a daily ECG test. Records can be saved and used as a reference for clinical applications.

**4 measurement modes: palm, leg, chest or lead wire traditional measurement.**

Main features:
- small, portable and easy to use
- 30 second ECG waveform and measurement results
- 600 (CARDIO-A) or 1200 (CARDIO-B) ECG waveform can be saved
- 5 hours (CARDIO-A) or 10 hours (CARDIO-B) ECG continuous measurement data storage
- analysis and report of 8 types (CARDIO-A) and 17 types (CARDIO-B) of ECG waveform
- USB 2.0 interface with option data cable and ECG viewer software
- traditional measurement with optional ECG cable

**CARDIO B with Bluetooth module for wireless data transmission.** Allows to download data on your smartphone or tablet, compatible with Android.

Supplied with multilanguage manual and box (GB, FR, IT, ES).

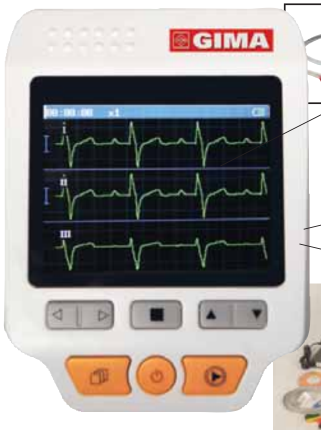
| GIMA code | PALM ECG |
|---|---|
| **33260** | CARDIO-A palm ECG |
| **33261** | CARDIO-B palm ECG - colour display |
| **33259** | CARDIO-B Bluetooth palm ECG+viewer software |
| | **ACCESSORIES** |
| **33265** | ECG viewer software+USB 2.0 cable - for 33260, old 33261 |
| **33249** | ECG viewer software + USB 2.0 cable for new 33261 since SN: XXS02JL01044 - Jan 2014 |
| **33248** | New ECG 3 pin lead cable - 3 leads - optional - 2012<br>from SN: XXQ00HJ03925 for 33260<br>from SN: XXS02HL01709 for 33261 |
| **33264** | Old ECG banana lead cable - 3 leads - optional |

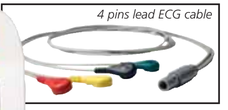
**TECHNICAL SPECIFICATIONS**

| | CARDIO A | CARDIO B |
|---|---|---|
| ECG bandwidth: | 0.5 Hz - 40 Hz | 1 Hz - 40 Hz |
| Heart rate measuring range: | 30 - 240 bpm ± 2 bpm | |
| LCD back light display: | 128x64 dot matrix | 240x160 dot matrix |
| Display size: | 49x25 mm | 57.6x40 mm |
| Power: | 2xAAA batteries | |
| Dimensions | 115x58x18 mm | 125x70x21.5 mm |
| Weight | 65 g | 106 g |

## CARDIO-C: 3 CHANNEL POCKET ECG

iHealth
Bluetooth ECG
see page 4




4 pins lead ECG cable

True colour 3.5" TFT display

CE 0123

FDA 510 (K)

Pocket size: 13x9.5x3.2 cm

32 MB memory inside

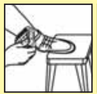
- **33245 CARDIO-C POCKET ECG 3 channel**
- small size, light-weight and easy to carry
- one-key measurement
- clear ECG waveform and interpretation of results on colour dot-matrix TFT 3.5" screen
- up to 19 types of measurement results
- high capacity built-in memory: 24 hours records storage and review for single channel waveform and 8 hours record storage and review for 3-channel waveforms
- quick measurement: **by built-in metal electrodes**, on palm, chest or leg or **by external lead wires** (needs optional limb and chest electrodes)
- data management to review or delete data records locally or to upload to PC

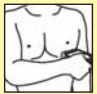
Supplied with ECG viewer software, USB cable, power transformer, ECG 4 pins lead wire, 25 disposable electrodes, manual (GB, FR, IT, ES, DE, PT).

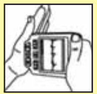
Other accessories see at page 277-278.

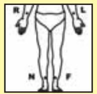
- **33364 SET OF 4 LIMB CLAMP ELECTRODES (4 COLOURS) - adult**
- **33327 DISPOSABLE TNT ELECTRODES Ø 55 mm**

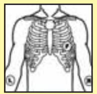
Methods of ECG measurements: direct or with lead wires


Direct on leg


Direct on chest


Direct on palm or wrist


With lead wires, need limb electrodes 33364


With lead wires, need chest electrodes 33327

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Heart rate measuring range: | 30 bpm ~ 240 bpm |
| Heart rate measuring accuracy: | ± 2 bpm or ±2% whichever is greater |
| ECG bandwidth: | 0.5 Hz ~ 40 Hz |
| Internal noise level: | ≤ 30μVp-p |
| Display scale: | 5.0 mm/mV ±10% |
| Common-mode rejection ratio (CMRR): | ≥ 60 dB |
| Waveform sweeping speed: | 20 mm/s ±10% |
| Input loop current: | ≤ 0.1 μA |
| Input impedance: | ≥ 5 MΩ |
| **Power** | |
| Power: | 4 AA alkaline batteries |
| Supply voltage range: | 4.4 ~ 6 VDC |
| Max average working current: | ≤ 160 mA |
| Auto power-off: | can be adjustable between 1-5 mins |
| Low battery indication: | 4.4 VDC ±0.2 VDC |

## CARDIOPOCKET ECG - 3 CHANNELS

*Internal software in GB, IT, FR*

*Size: 207x96x62 mm*
*Net weight: 500 g*

- **33232 CARDIOPOCKET ECG 3 CHANNELS - with software**

12-lead ECG printing ECG waveform with thermal printing system, measuring and diagnosing ECG waveform parameters automatically.
- **full-automatic analysis function:** auto-analysis and auto diagnosis for routine ECG parameters. It provides measurement results and auto diagnosis conclusion for HR, P-R interval, P Duration, QRS Duration, Q-T interval, Q-tc, P Axis, QRS Axis, T Axis, R(V5), S(V1), R(V5)+ S(V1)
- **2.83" colour LCD screen** (resolution 320x240) that operates both with touch screen and keys
- **high resolution thermal array output system** 8 dots/mm (vertical)
- **built-in rechargeable lithium detachable battery** can continuously work for 4 hours, print up to 90 minutes and 150 ECG
- **store up to 100 cases** in a SD card (not included)
- **high-accurate digital filter** eliminates baseline drift and distorsion to ECG waveform
- **ECG-Sync software** to form a ECG workstation

- **32963 THERMAL PAPER - box of 20 rolls**
- **33328 ECG CABLE spare**
- **33233 RECHARGEABLE Li-Ion BATTERY**

**TECHNICAL SPECIFICATIONS**

| | | | |
|---|---|---|---|
| Power: | AC: 100-240 V, 50/60 Hz - DC 12V rechargeable lithium battery 2,000 mAh | | |
| Noise level: | ≤15 μVp-p | CMRR: | >60 dB, > 100 dB (add filter) |
| EMG filter: | 25/35 Hz | Time constant: | ≥3.2 s |
| Frequency response: | 0.05-150 Hz (-3 dB - 0.4 dB) | | |
| Patient leakage current: | <10 μA | | |
| Recording paper: | 50 mm x 20 m, high speed termal paper | | |
| Paper speed: | 6.25, 12.5, 25, 50 mm/s ±5% | | |
| Safety standard: | IEC class I, type CF defibrillation-proof applied part | | |
| Input mode: | floating and defibrillation protection | | |
| Input circuit current: | ≤0.1 μA | Input impedance: | ≥50 M Ω |

**STANDARD ACCESSORIES**
Patient cable
1 roll of paper
1 rechargeable lithium battery
4 limb electrodes
6 chest limb electrodes
1 user manual (GB, IT, FR)
1 CD software (GB, FR, IT, ES, DE, TR) and cable for connection to PC

## CARDIOPOCKET ECG - 1 CHANNEL

*Integrated thermal printer*

*Weight 800 g with rechargeable battery*

*Compact: only 190 mm (size: 190x90x40 mm)*

*60x35 mm wide display*

- **33257 CARDIOPOCKET ECG - standard 12 lead ECG - with software**

Compact and lightweight pocket device with unbeatable features:
- wide graphic display (it allows "live" view of ECG trace and selection of all parameters)
- rechargeable lithium battery operated (80 ECG with full charge)
- PC software with interpretation included for storing data into PC (GB/IT) (operating system: Microsoft Windows 2000/XP/2003/Vista/7)
- multilanguage internal software: GB, IT, DE, FR, ES, TR, CN
- real time continuous records of clear and exact single channel ECG waveform and notes. The notes include mark, sensitivity, chart speed, filter mode, etc
- full-touch keyboard control, easy to use. Screen displays, working position, state of the instrument are clear and easy to be read.

- **32963 THERMAL PAPER - box of 20 rolls**
- **33328 ECG CABLE - spare**
- **33243 RECHARGEABLE Li-Ion BATTERY up to S.N. CD 1212100050**
- **33244 RECHARGEABLE Li-Ion BATTERY since S.N. CD 130730000-1**

**TECHNICAL SPECIFICATIONS**

| | | | |
|---|---|---|---|
| Power: | AC: 100-240V, 50/60 Hz - DC: 7.4V / 2,000 mAh<br>DC: 9V rechargeable battery | | |
| In optimal DC state up to 8 h standby time, up to 4 h continuous print | | | |
| Noise level: | ≤15μVp-p | CMRR: | >60 dB, >100 dB (add filter) |
| EMG filter: | 35 Hz (-3 dB) | Time constant: | ≥3.2s |
| Sensitivity display: | standard sensitivity: 10mm/mV±2% | | |
| Sensitivity setting: | 1/2, 1, 2 (cm/mV), conversion deviation ≤5% | | |
| Recording system: | thermal-array, 8 dots/mm (vertical),<br>16 dots/mm (horizontal, 50 mm/sec)<br>32 dots/mm (horizontal, 25 mm/sec) | | |
| Paper speed: | 25 mm/s, 50 mm/s ±5% | | |
| Recording paper: | 50 mm x 20 m, high-speed roll | | |
| Safety standard: | IEC class I, type CF | | |
| Input circuit current: | ≤50nA | | |

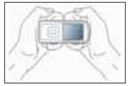
**STANDARD ACCESSORIES**
Patient cable
1 roll of paper
1 rechargeable lithium battery
4 limb electrodes
6 chest limb electrodes
1 user manual (GB, IT, FR)
1 CD software and cable for connection to PC

## PM10 PALM ECG WITH SOFTWARE AND BLUETOOTH

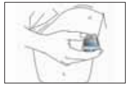
- **33246 PM10 PALM ECG - with software and Bluetooth**

PM10 is a homecare device to check ECG parameters. It can be used as a reference for patient to check medical treatment and reference for doctor to diagnose. It can help to early prevent from cardiovascular diseases and reduce risks. Intelligent design, it achieves remote health management through mobile application; it can automatically start measurement, store ECG, upload data, download health results. Suitable for patients with chronic diseases, especially coronary heart disease, diabetes, hypertension, myocarditis, obesity, chest pain, palpitations and dyspnea.

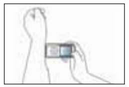
**4 MEASUREMENT MODES**



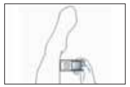
*Limb leads I*



*Chest leads V*



*Limb leads I*



*Limb leads II*

Features:
- 1.77" colour TFT-LCD
- quick ECG test with a simple touch. User friendly
- accurate conclusion can be obtained immediately after measuring
- continuously record for up to 500 cases with built-in rechargeable lithium battery in full charge
- Bluetooth transmission
- ECG data can be saved to cloud Platform permanently, easy to check and analyze
- historical data can be printed at any time, easy to diagnose

*Size: 100x45xh 15 mm*
*Weight: about 60g*

*Supplied with a carrying bag, a multilanguage manual (GB, FR, IT, ES, DE, PT) and a CD software to visualize data on PC*

**33246**

## DIGITAL SINGLE, 3 OR 3/6 CHANNEL ECG

- **33220 SINGLE CHANNEL ECG 100G**
- large LCD display waveform and data
- high-resolution thermal printing array system
- frequency response is as high as 150 Hz
- capable of printing continuously on channel trace and annotations including lead mark and parameter such as sensitivity, paper speed and filter operation status
- high resolution digital filter inhibits baseline drift without affecting ECG waveform
- floating input circuit meets IEC safety standard
- rechargeable battery supporting more than 50 patient examinations
- internal software: GB, IT, DE, TR, RU, CN
- manual: GB, IT, ES
- **33225 RECHARGEABLE BATTERY - spare**
- **32968 PAPER ROLL 50 mm x 20 m - box of 20**
- **33328 ECG CABLE - 10 leads - spare**

CONTEC™

**33220**

*USB connection allows real-time transmission to PC, remote data analysis and diagnosis, management and printing through the PC*

**33221**

- **33221 3 CHANNEL ECG 300G - monitor up to 12 channels**
- 3.5" TFT colour LCD screen
- 12 leads simultaneous display
- thermal printing system
- AC and DC power supply
- high capacity built-in lithium rechargeable battery
- battery power supports up to 150 ECG continuous records
- built-in Database
- built-in memory can store more than 1000 cases
- digital signal processor for filter
- auto-measurement, auto-analysis, auto-interpretations
- ECG-Sync software, USB connection to PC
- internal software: GB, FR, IT, ES, DE, TR, PL, PT, SI, YU, RU, KZ, CN
- PC software: GB
- manual: GB, IT, ES, FR
- **33226 RECHARGEABLE BATTERY - spare**
- **32969 PAPER ROLL 80 mm x 20 m - box of 10**
- **33328 ECG CABLE - 10 leads - spare**

*USB connection allows real-time transmission to PC, remote data analysis and diagnosis, management and printing through the PC*

- **33222 6 CHANNEL ECG 600G - monitor up to 12 channels**
- 7" TFT, colour LCD touch screen
- 12 leads simultaneous display
- digital isolation technology and signal processing solution, digital filter
- patient management, name, age and id, detail analysis report
- built-in lithium rechargeable battery
- thermal printing system provides more than 10 printing modes
- can print 90 minutes and print out 150 ECG continually
- ECG-Sync software, USB connection to PC and built-in memory can store more than 1000 cases
- auto-measurement, auto-analysis and auto-interpretation
- internal software: GB, FR, IT, ES, DE, TR, PL, PT, SI, RU, KZ, CN
- PC software: GB. Manual: GB, IT, FR
- **33226 RECHARGEABLE BATTERY - spare**
- **32970 PAPER ROLL 110 mm x 20 m - box of 10**
- **33328 ECG CABLE - 10 leads - spare**

**33222**

**TECHNICAL SPECIFICATIONS**

| | | ECG 100G | ECG 300G | ECG 600G |
|---|---|---|---|---|
| **ECG instrument Input** | Safety Type | Class I, type CF applied part, which has defibrillation-proof applied part | | |
| | Lead | Standard 12 leads | | |
| | Input way | Floating and defibrillation protection | | |
| | Patient leak current | <10μA | | |
| | Sampling rate | 800 Hz | 1,000 Hz | 1,000 Hz |
| | A/D conversion | 12bit | | |
| | Frequency response | 0.05Hz~150Hz (-3dB, + 0.4dB) | | |
| | Time constant | ≥ 3.2s | | |
| | CMRR | >60dB, >100dB(Add filter) | | |
| | Enduring polarization voltage | ±500mV | | |
| | Noise level | <15μVp-p | | |
| **Dispose Wave Data** | EMG interference filter | 35Hz (-3dB) | 25Hz/35Hz (-3dB) | |
| | AC filter | 50Hz/60Hz (-20dB) | | |
| **Waveform output** | Recording way | Thermal printing system | Thermal printing system (32spots/mm) | |
| | Recording paper | 50mm(W)×20m(L) | 80mm(W)×20m(L) | 110mm(W)×20m(L) |
| | Sensitivity | 5, 10, 20mm/mV | 2.5, 5, 10, 20, 40 mm/mV | |
| | Paper speed | Auto-record: auto leads changing | Auto-record: 25mm/s, 50mm/s | |
| | | Rhythm record: 25 mm/s, 50 mm/s | | |
| | | Manual-record: 25 mm/s, 50 mm/s | Manual-record: 5, 6.25, 10, 12.5, 25, 50 (only 33221), 100 mm/s (only 33222) | |
| **Power supply** | AC | 110-220V, 50/60 Hz | | |
| | DC - Lithium battery | 7.4V, 2000 mAh | 7.4V, 3500 mAh | |
| **Fuse** | | 2 pcs ϕ5×20mm AC time lag; T250mA/250V(Power Supply:220V) | | |
| **Form** | Size | 315 x 215 x 77 mm | | |
| | Net Weight | 1.5 kg | 1.6 kg | 1.7 kg |

**STANDARD ACCESSORIES**
ECG cable - 1 set
Limb electrode clamp - 1 set
chest electrodes - 1 set
Ground wire
Power connection
Paper roll
USB connection and PC software (only 33221 and 33222)

- **33228 CARRYING BAG 39x29x14 cm**

# 3 AND 6-12 CHANNEL DIGITAL ECG WITH HIGH RESOLUTION MONITOR

Portable with small dimensions and light weight

Large, high resolution backlight Display: LCD 320x240 dots.

- **33334 CARDIOGIMA 3M - 1-3 ch. with interpretation**
- **33350 CARDIOGIMA 6M - 3-6-12 ch. with interpretation (monitor 3-6 channels, printer 3-6-12 channels)**

- LCD monitor in Standard or Cabrera format with base line setting
- High resolution thermal printer (8 dots/mm): hardcopy 1-3 or 3-6-12 channels real time with possibility to print a millimetric grid
- Manual or automatic recording
- Image freeze with memory scrolling for reviewing and hard copy of acquired signals (Memory 10 seconds for each lead)
- Digital filters for elimination of muscle tremors, power line and base line noises
- Pacemaker detection
- Power supply by built-in high capacity Ni-Cd batteries and fast charging time
- Very simple operation by pre-defined fast keys and menus
- Based on a risk processor for a full digital signal processing

Made in Italy.

**STANDARD ACCESSORIES 3M AND 6M**

Patient cable
4 limb electrodes
Manual (English, Italian)
Rapid guide: English, Spanish, Italian
6 chest limb electrodes
1 roll of paper
1 bottle of gel
Battery

| GIMA code | CARDIOGIMA ACCESSORIES | Minimum order |
|---|---|---|
| **27139** | Transport bag (see at page 60) | - |
| **32996** | Thermal paper 58 mm x 25 m (Cardiogima 3M) | box of 20 |
| **32953** | Thermal paper 112mm x 23m (Cardiogima 6M) | box of 10 |
| **33328** | ECG cable 10 leads - spare | - |

**TECHNICAL SPECIFICATIONS CARDIOGIMA 3M AND 6M**

Power supply: internal rechargeable Ni-Cd batteries
AC/DC Adapter: 100-240V, 50-60 Hz; 200mA
Battery autonomy: 2.5 hours
Applied part: CF type
Input impedance: > 100 Mohm
Frequency response: 0.05: 145 Hz
Cmrr: > 91 dB (33334), Cmrr: > 100 dB (33350) Time constant: > 3.2 s
Acquisition: 12 bit 800 samples/sec/channel-isochrome
Leads: 12 standard or Cabrera
Sensitivity: 5mm/mV; 10mm/mV; 20mm/mV ±5%
Scrolling speed: 5mm/s; 10mm/s; 25mm/s; 50mm/s
Signal memory: 10s for each lead
Printer: thermal printer 8 dots/mm, paper 58 mm (3M) 110 mm (6M).
Filters: muscles tremors 35Hz digital; power line interferences 50-60Hz digital; high pass 0,5Hz digital
Defibrillation protection: internal
Display/Hardcopy: 1/3 channel (3M) 3/6/12 channel (6M)
Dimensions: 240x160x65 mm. Weight: 1.5 kg. Made in Italy

# CARDIOGIMA 1M - 1/3 CHANNEL ECG WITH PARAMETERS CALCULATION

CE 0068

- **33329 CARDIOGIMA 1 M - 1-3 channel ECG with monitor**

A real portable ECG with small dimension and light weight (1 kg), with LCD monitor 128x64 pixel, high resolution thermal printer (8 dots /mm hardcopy, 1 channel real time) and parameters calculation. With manual or automatic recording, memory 10 seconds for each lead. Includes digital filters for elimination of muscles tremors, power line and base line noises. Based on a risk processor for a fully digital signal processing. Made in Italy.

- **32996 THERMAL PAPER 58 mm x 25 m - box of 20**
- **33328 ECG CABLE 10 leads - spare**

**STANDARD ACCESSORIES**

Patient cable
1 bottle of gel
Manual (English, Italian)
Rapid guide: English, French, Spanish, Italian
1 roll of paper
4 limb electrodes
6 chest limb electrodes
Battery

**TECHNICAL SPECIFICATIONS**

Power supply: internal rechargeable Ni-Mh batteries
AC/DC Adapter: 100-240V, 50-60 Hz; 200mA
Battery autonomy: 3 hours
Applied part: CF type
Input impedance: > 100 Mohm
Frequency response: 0.05: 145 Hz
Cmrr: > 100 dB time constant: > 3.2 s
Acquisition: 12 bit 800 samples/sec/channel
Leads: 12 standard or Cabrera
Sensitivity: 5mm/mV; 10mm/mV; 20mm/mV ±5%
Scrolling speed: 5mm/s; 10mm/s; 25mm/s; 50mm/s
Signal memory: 10 sec for each lead
Printer: thermal printer 8 dots/mm, paper 58 mm.
Defibrillation protection: internal
Filters: muscles tremors 35Hz digital; power line interferences 50-60Hz digital; high pass 0.5Hz digital
Dimensions: 190x120x60 mm. Weight: 1 kg.
Conformity standards: 93/42/CEE; EN60601-1; EN60601-1-2; IEC601-2-25 Made in Italy

# EDAN SINGLE OR THREE CHANNEL ECG

CE 0123

Single and three channel with 12 channel display

**EDAN PORTABLE ECG - 1 and 3 channel**
- foldable LCD screen, vivid waveform display
- built-in high resolution thermal printer
- built-in rechargeable Li-ion battery, AC/DC supply
- complete digital filter, avoid baseline drift, AC, EMG interfere
- automatic baseline adjustment
- auto/manual operation selectable
- lead-off detection and alarm

**SE-3 Three channel colour ECG also features**
- interpretation tested by CSE/AHA/MIT database
- 12 Lead simultaneous acquisition
- automatic ECG parameters measurement and analysis
- auto, manual, rhythm off work mode
- support barcode scanner to simplify patient information input
- LAN/RS232/USB connection to PC
- 12 leads grid printing on normal A4 paper by external printer

**ECG Viewer Software: PC based ECG data management software**
- compatible with Windows XP, WIN 7, Vista (32 bit, 64 bit)
- multi format reports - XML/SCP/DICOM/PDF/JPG/BMP/TIFF/PNG
- support bi-directional communication with ECG device

| GIMA code | EDAN ECG AND ACCESSORIES |
|---|---|
| **33330** | Edan SE-1 Single Channel ECG |
| **33333** | Edan SE-3 colour Three Channel ECG - interpretative |
| **33336** | ECG-Viewer Software (GB, FR, IT, DE, PL, RU, ES, TU) for 33333 |
| **32963** | Thermal paper - roll 50mm x 25m for 33330 and 33305 |
| **32964** | Thermal paper - roll 80mm x 25m for 33332/3 and 33306 |
| **33328** | ECG cable - spare |
| **33318** | Rechargeable Lithium battery 2500 mAh - spare |
| **27139** | Transport bag - see page 60 |

**TECHNICAL SPECIFICATIONS**

<table>
<tr><th></th><th>33330</th><th>33333</th></tr>
<tr><td>Lead:</td><td colspan="2">Standard 12 leads</td></tr>
<tr><td>Acquisition mode:</td><td>One lead</td><td>12 leads simultaneously</td></tr>
<tr><td>Sensitivity:</td><td colspan="2">2.5, 5, 10, 20 mm/mV</td></tr>
<tr><td>Input impedance:</td><td colspan="2">> 50 MΩ (10 Hz)</td></tr>
<tr><td>Filter:</td><td>EMG Filter 35 Hz (-3 dB)<br>AC/DFT Filter 50 Hz/60Hz (-20 dB)</td><td>EMG Filter 25/35/45 Hz off<br>DFT Filter 0.05/0.15/0.25/0.32/0.5/0.67 Hz<br>Low pass filter 150/100/75 Hz<br>AC Filter on/off</td></tr>
<tr><td>Recording mode:</td><td>Auto/Manual</td><td>Auto/Manual/Rhythm/USBPRT</td></tr>
<tr><td>Rhythm lead:</td><td colspan="2">Any lead selectable</td></tr>
<tr><td>Safety standard:</td><td colspan="2">IEC I/CF</td></tr>
<tr><td>Power supply:</td><td colspan="2">AC: 100-115 V, 220-240 V, 50/60 Hz<br>Rechargeable Li-ion battery: voltage 14.8 V<br>More than 6.5 hours continuous operation with battery supply</td></tr>
<tr><td>Data storage:</td><td>-</td><td>500 ECG's</td></tr>
<tr><td>Thermal paper:</td><td>50 mm x 30 m</td><td>rolled 80 mm x 20 m<br>folded 80x70 mm x 200 pages</td></tr>
<tr><td>Paper speed:</td><td>25 mm/s, 50 mm/s (± 3%)</td><td>5mm/s, 6.25 mms 10 mm/s, 12.5 mm/s, 25 mm/s, 50 mm/s (±3 %)</td></tr>
<tr><td>Dimension:</td><td colspan="2">300x260x75 mm</td></tr>
<tr><td>Weight:</td><td>2.3 kg (with battery)</td><td>2.5 kg (without battery)</td></tr>
<tr><td>Display:</td><td>192x64 pixel LCD</td><td>320x240 pixels LCD (colour screen)</td></tr>
<tr><td>Selectable display language</td><td>GB, IT, FR, ES, PL, RU, TR, UA</td><td>GB, IT, FR, ES, RU, PL, CZ, RO, DE, TR, HR, UA</td></tr>
<tr><td>Interface:</td><td>RS 232</td><td>Ethernet, RS232, USB</td></tr>
<tr><td>Barcode scanner support:</td><td>-</td><td>yes</td></tr>
<tr><td>Report formats:</td><td>-</td><td>PDF, Dicom, SCP, XML</td></tr>
</table>

**STANDARD ACCESSORIES**

Patient cable
1 bottle of gel
1 roll of paper
Rechargeable battery
4 limb electrodes
6 chest limb electrodes
Manual: GB, IT. On request: FR, ES, PT, TR (SE-1 and SE-3), DE, RU (SE-3 only)

# MINDRAY BENEHEART R3 ELECTROCARDIOGRAPH

- **33301 MINDRAY BENEHEART R3 ELECTROCARDIOGRAPH 3 channels**

Lightweight portable cardiograph for resting ECG diagnosis.

**Reliable analysis - Glasgow algorithm**
Utilizes the University of Glasgow ECG analysis algorithm, one of the world-leading resting ECG interpretations.

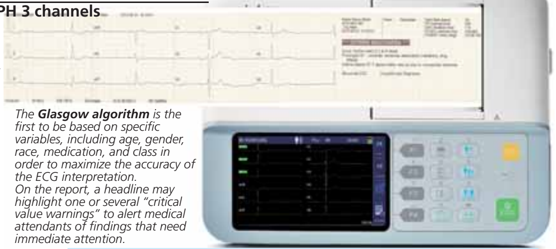
**Great Portability - only 1.2 kg**
Weighs only 1.2 kg with battery, easy to carry.

**5” clear colour display**
Offers the highest resolution in industry, enabling clinicians to observe real-time waveforms accurately.

**Convenient operations**
ECG recording is automatically unfolded on the writing pad at the top of the unit for notes or signature.

**Unique recorder - Z-folded or rolling paper**
Compatible with both rolling paper and Z-fold paper. Easily switchable without dismantling the pressure lever.

- **33014 ROLL THERMAL PAPER - 80 mm x 20 m - box of 10**
- **33016 Z-FOLD THERMAL PAPER - 80x70 mm x 200 sheet - box of 25**



*The **Glasgow algorithm** is the first to be based on specific variables, including age, gender, race, medication, and class in order to maximize the accuracy of the ECG interpretation.*
*On the report, a headline may highlight one or several “critical value warnings” to alert medical attendants of findings that need immediate attention.*

**STANDARD ACCESSORIES**

Cable with banana plugs, IEC
Limb clamp set of 4
Chest bulb set of 6
Glasgow algorithm (available in 13 languages as internal software)
1 roll paper
Rechargeable battery
User manual in: GB, FR, DE, HU, IT, PL, ES, TR

**TECHNICAL SPECIFICATIONS**

**Power**
AC power: 100 to 240 VAC ± 10% 60 VA
Battery-type: rechargeable Lithium ion battery 11.1 V typical, 2,500 mAh
- capacity: 6 hours of continuous operation without recording or 500 ECGs in 2.5 x 4 format at 25 mm/s and 10 mm/mV
- charge time: 3.5 hours with power off

**Processing**
ECG analysis 500 samples/second (sps)
Digital 1,000 samples/second/channel
Pacer detection 16,000 samples/second/channel
Acquisition mode: Pre-acquisition or post-acquisition provide 10 seconds of instantaneous ECG acquisition
ECG amplifier: DC-coupled
Input impedance: 50 MD at 10 Hz, defib protected
Patient leakage: < 10 μA
Heart rate meter: 30 to 300 BPM ± 10% or ± 5 BPM, whichever is greater
Sensitivity/gain: 5, 10, 20 mm/mV, Auto
Colour display TFT LCD with LED graphics backlit
Resolution: 800x400
Display data: Patient ID, gender, age, heart rate, clock, battery power indicator, waveforms, lead labels, speed, gain, filter settings, warning messages, information messages, network status and USB
Thermal printer: Dot array/Width 80 mm/speed 5, 12.5, 25, 50 mm/s

**Software**
Resting ECG mode: Records and prints 12-lead resting ECG with 10-second duration
Patient information: Patient ID, secondary ID, age, date of birth, gender, race, medication class and V3 electrode placement
Internal storage: 800 ECGs in internal memory
ECG Storage format: PDF and Mindray storage format
internal software: GB, FR, IT, ES, DE, PL, PT, TR, RU, HU, RO, CZ, CN

**Report formats** Thermal printer/PDF/A4/letter
Size/Weight: 250x194xh 56 mm/1.2 kg including battery

# MULTI CHANNEL ECG WITH INTERPRETATION ON PAPER

0123

SOFTWARE INCLUDED FOR DATA STORAGE ON PC

33354

- **33354 CARDIOGIMA 12 ECG - 3-6-12 channel**

Cost effective 12 channel resting ECG recorder without performance compromise. The simultaneous record of 12 channels has a high diagnostic value - all the 12 channels are shown at the same time. A4 size paper, one body type.
Main Features:
- 12 leads simultaneous 10-second resting ECG with interpretation in only 60 seconds multilanguage.
Internal software+print in GB, FR, IT, DE, RU, TR, CN.
- wide paper printing (A4 size thermal paper, fax paper is OK)
- combined output of all relevant curves, patient data, date, time and instrument settings

**- PC Connections**
Connection to PC with RS 232 port or LAN to submit recorded ECG signal to other specialist for evaluation (only a modem is needed)

**- ECG filing system**
A fully configured PC-based software enables to record, print, change the settings of ECG's and save them in JPG format, which ensure compatibility with most EMR package.

**- rechargeable batteries (optional)** with 1 hour capacity in normal use (about 100 ECG printouts)

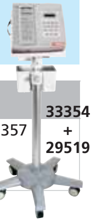
**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| ECG Leads: | 3-6-12 channel illustration of ECG signals in continuous recording or 10 sec. recording with interpretation. |
| Dimension: | 296x305.5x92.5 mm Approx 3 kg |
| Recording channel: | 3, 6, 12 channel and 1 channel (60 sec.) |
| Sensitivity: | 2.5, 5, 10, 20, auto (I~aVF: 10, W1~V6: 5) mm/mV |
| Printing speed: | 12,5; 25; 50 mm/s |
| Filters: | AC (50/60 Hz, -20 dB or better), Muscle (25~35 Hz, -3 dB or better)<br>Low pass filter (off, 40 Hz, 100 Hz, 150 Hz) |
| Display: | 2x16 character LCD display |
| LCD display: | Sensitivity, speed filter status, HR, Printing form, rhythm lead |
| LED indicator: | Signal quality, power source, battery |
| Keyboard: | Membrane keyboard, alphanumeric and symbol available |
| Patient data: | ID, name, age, sex, height, weight |
| Basic measurement: | Heart rate, PR, QRS, QT/QTc, P-R-T axis |
| Recorder: | Thermal print head, thermal paper roll<br>Report papers: A4: 215X297 mm (8.5"x11.7")<br>Letter: 215x280 mm (8.5"x11") |
| Resolution: | vertical: 8 dots/mm, horizontal: 16 dots/mm |
| Electrical: | Internal noise: 20 μV (p-p) max<br>Input circuit: floating input<br>Isolated and defibrillation protected<br>DC offset voltage: ≥ ± 300 mV<br>Patient leakage current: < 10μA<br>Frequency response 0,05~150 Hz |
| Power: | Power supply: AC or built-in battery (options)<br>Power requirement: 100-240 Vac, 50/60 Hz, 1.0-0.5 A<br>Power consumption: 60 W max |
| Battery capacity: | 1 hour of normal use (approx. 100 automatic ECG printouts) |
| Communication: | PC Connection with RS-232 interface and lan |
| Safety: | Class I, Type BF |
| Conformity: | CE, FDA, KFDA, CFDA, NCC Made in Korea |

**STANDARD ACCESSORIES**

1 PC software (GB/IT)
1 LAN cable
1 Patient cable - 10 leads
4 ECG clip-on electrodes
6 Chest electrodes, suction for adult
1 Power cable
1 ECG gel tube (250 ml)
1 Recording paper roll
1 Operation manual (GB/IT)

| GIMA code | CARDIOGIMA 12 ACCESSORIES |
|---|---|
| **29534** | Rechargeable battery - for 33354/33355/33357 |
| **32950** | Thermal paper A4 - for 33354-5-7 - box of 5 |
| **33328** | ECG cable for 33354-5-7 |
| **29519** | Trolley for 33354-5-7 |



33354 + 29519

# DIGITAL 12 CHANNEL COLOUR ECG WITH WI-FI

33223

- **33223 12 CHANNEL ECG 1200G with WI-FI**

- 8" TFT display, 800x600 dots high resolution colour LED backlight
- simultaneous 12 leads acquisition and display
- digital signal technique, AC filter, baseline filter, EMG filter
- auto-analysis and auto-interpretation
- Multi-mode display and printing, such as 12, 6+1 (rhythm), 6, rhythm 12, rhythm 10, rhythm 8, rhythm 6. Manual, Freeze etc
- 0.5 built-in lithium rechargeable battery
- 2 USB and LAN Socket for uploading data to PC
- built-in flash memory. Stores more than 1,000 files

Multi-language internal software: GB, FR, IT, ES, PT, PL, SI, TR, RU, KZ, CN.

- **33227 RECHARGEABLE BATTERY - spare**
- **32967 PAPER ROLL 210 mm x 30 m**
- **33328 ECG CABLE - 10 leads - spare**

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Input way | Floating and defibrillation protection |
| Lead | Standard 12 leads |
| Patient leak current | < 10 μA |
| Input impedance | ≥ 50 MΩ |
| Frequency response | 0.05 - 150 Hz (-3 - + 0,4 dB) |
| Time constant | ≥ 3.2 s |
| CMRR | >60 dB, > 100 dB (adding filter) |
| EMG interference filter | 25/35 Hz (-3 dB) |
| Thermal paper | 210 mm x 30 m high-speed |
| Paper speed | Auto and rhythm record: 25, 50 mm/s, ±5%<br>Manual record: 5, 6.25, 10, 12.5, 25, 50 mm/s, ±5% |
| Sensitivity selections | 2.5, 5, 10, 20, 40 mm/mV, ±5%.<br>Standard sensitivity is 10 mm/mV ±0.2 mm/mV. |
| Auto record | Record setup according to auto record format and mode, automatically changing leads, measuring and analyzing. |
| Rhythm record | Record setup according to rhythm record format and mode, automatically measuring and analyzing. |
| Manual record | Record setup according to manual record format, manually changing leads. |
| Measurement parameters | HR, P-R interval, P Duration, QRS Duration, T Duration, Q-T interval, Q-Tc, P Axis, QRS Axis, T Axis, R(V5), S(V1), R(V5)+S(V1) |
| Product safety type | Class I CF defibrillation and pacing protection |
| Size | 334x320x85 mm |
| Power | AC: 100-240 V, 50/60 Hz<br>DC:14.8 V, 3700mAh rechargeable lithium battery |

**STANDARD ACCESSORIES**

1 ECG cable
1 set limb electrode clamp
1 set chest electrodes
USB connection
Rechargeable battery
Software (same languages as internal software)
Manual: GB, FR, IT
1 ground wire
1 paper roll
Power connection

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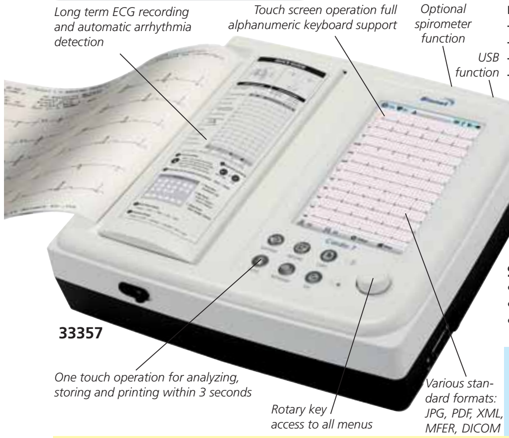
# CARDIO 7: 12 CHANNEL RESTING ECG WITH TOUCH SCREEN

SOFTWARE EKG VIEW PLUS for data storage on PC

0123


Long term ECG recording and automatic arrhythmia detection
Touch screen operation full alphanumeric keyboard support
Optional spirometer function
USB function
One touch operation for analyzing, storing and printing within 3 seconds
Rotary key access to all menus
Various standard formats: JPG, PDF, XML, MFER, DICOM

33357

- **33357 ECG CARDIO 7: 12 CHANNEL ECG WITH TOUCH SCREEN**

- 12 channel interpretive ECG for adult, pediatric and neonatal use
- over 130 kinds of interpretation results based on advanced Minnesota code, HRV (Hearth Rate Variability analysis)
- memory for up to 200 patients
- real-time preview monitor
- PC compatible through LAN or Wi-Fi
- multi-language selectable software (GB, RU, FR, DE, IT, CN, ES, TU, PL, RU, PT)
- lead fault message
- pace maker detection
- automatic arrhythmia detection
- 3, 5, 10 minutes long term recording
- grid function allows you to use low cost plain fax paper
- wide and clear colour 7" TFT LCD (800x480)
- touch screen for easy operation
- full disclosure function

- **32950 THERMAL PAPER A4 - box of 5 rolls**
- **29534 RECHARGEABLE Ni-MH 12 V BATTERY up to S.N. T7xxxxxxx - optional**
- **29536 RECHARGEABLE Li-Ion BATTERY since S.N. T8xxxxxxx - optional**
- **29519 TROLLEY**
- **33328 ECG CABLE**

**STANDARD ACCESSORIES**

Patient cable - 10 leads
LAN cable
1 bottle of ECG cream (70 g)
1 power cable
manual (GB, IT)
1 paper roll
4 limb electrodes
6 chest limb electrodes
EKG View Plus (GB, IT)

**TECHNICAL SPECIFICATIONS**

| | | | |
|---|---|---|---|
| ECG leads : | 10 lead, 12 channel simultaneous ECG and acquisition | Resolution: | Vertical: 8 dot/mm<br>Horizontal: 16 dot/mm |
| Dimension: | 300(W) x 299(H) x 123(D)mm, approx. 3.5 kg | | |
| Recording channel: | 3 channels + 1 rhythm, 3 channels + 3 rhythm,<br>6 channels + 1 rhythm, 12 channels, 60 seconds<br>1 channel, 3, 5, 10 minutes 1 channel and beat report | Electrical: | Internal noise: 20 μV (p-p) max<br>Input circuit: floating input<br>Input impedance: ≥50 MΩ |
| Sensitivity: | 2.5, 5, 10, 20, auto (I~aVF: 10, V1~V6: 5) mm/mV | | Input voltage range: ≥ ±5 mV |
| Printing speed: | 5, 12.5, 25, 50, 100 mm/s | | Common mode rejection: > 105 dB |
| Sampling rate: | 2,000 samples/sec | | DC offset voltage: ≥ ±400 mV |
| Filters: | AC (50/60 Hz, -20 dB or better)<br>Muscle (25~35 Hz, -3dB or better)<br>Base line drift (0.05, 0.1, 0.2 Hz, -3dB or better)<br>Low pass filter: off, 40 Hz, 100 Hz, 150 Hz | | Time constant: 3.2 sec<br>Patient leakage current: < 10 μA<br>Frequency response: 0.05 ~150 Hz<br>Isolated and defibrillation protected |
| Display: | 7" color TFT LCD display (800x480), 12 channels preview ECG wave | Signal quality control: | Disconnected lead detection<br>Pacemaker pulse detection |
| Monitor display: | ID, date, sensitivity, speed, filter, form, rhythm lead | ECG data storage: | storage for 200 ECGs (Internal on flash memory) |
| User interface: | Touch screen (alphanumeric and symbol available), Keyboard, rotary push-knob (pop-up menu) | Power: | AC 100~240 VAC, 50/60 Hz or battery (option)<br>2.0~1.0 A, 60 VA max |
| Patient data: | ID, name, age, sex, height, weight, smoke, race | Battery (Li-Ion): | 4 hours of normal use (approx.200 ECG printouts) |
| Basic measurement: | Heart rate, PR int, QRS dur, QT/QTc, P-R-T axis | Communication: | PC connection with LAN D2 Wi-Fi |
| Recorder: | Thermal print head, roll paper<br>A4 report paper: 210x300 mm (8.5"x11") | Safety conformity: | Class I, Type CF, CE, CSA, FDA, KFDA, CFDA, CCC |

# SPIROMETER MODULE FOR CARDIO 7

- **33356 SPIROMETER MODULE - for code 33357**

It transforms CARDIOGIMA 7 in a 2 in 1 system: ECG-SPIROMETER.
Spirometry measuring values:
**FVC:** FEV 1.0, FEV 1/FVC, FEV 0.2-1.2L, FIVC, FEV 25-75, FEV 75-85%, PEF, FEF 200-1200 ml, FEF 25%, FEF 50%, FEF 75%, PIF, FET 100%, FIVC.
**SVC:** SVC, ERV, IRV, TV,EC, IC,
**MVV:** TV, MVV, FB
Pre and post bronchodilator comparison.
Presentation: flow volume loop, flow time plot, measurement values table. Complies with ATS standard.

- **33362 DISPOSABLE MOUTHPIECES - box of 100 pcs.**

33356

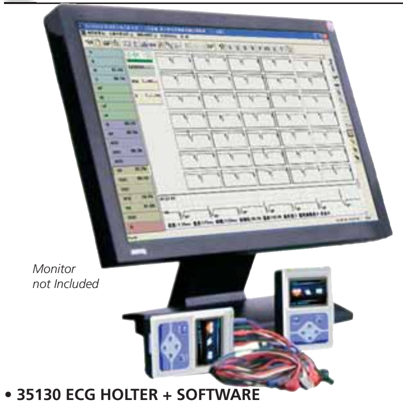
# ECG CABLE COMPATIBLE WITH MOST ECG BRANDS

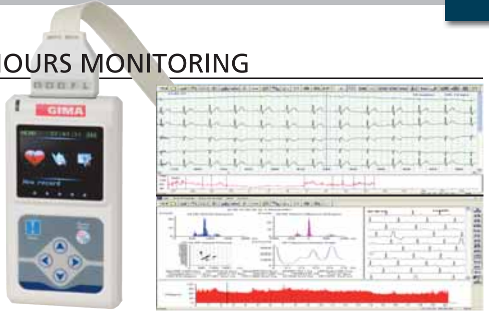
- **33328 ECG cable - 10 leads**

Long lasting, individually tested cable compatible with the following ECG machines:
**BIONET:** Cardiocare, Cardiotouch
**CARDIOLINE:** E1, E1R, E3, Delta 300, Delta 360, C3.
**CARDIETTE (Elettronica Trentina):** Autoruler 12/1, Autoruler 12/3, Excel 103, Excel 106, Astron Comp 1, Astron Comp 3, Astron Comp 6, Start 100 P, Start 100 H, Start 200, Start 200HV, AR600, AR 600 ADV, AR1200, AR1200ADV.
**CARDIORAPID CAMINA:** K111, K112, K33, K36, K300 M, K300 P, K600 P, K600 D, K130 B, K 130 D.
**CONTEC:** 100G, 300G, 600G, 1,200G
**EDAN:** Smart SE-1, SE-3
**ESAOTE:** P80, P8000
**GIMA:** CARDIOGIMA 1M, 3M, 6M, 12, 12M
**HP:** Pagewriter 1513, 154B/C, 1514D, 1515A/B, 1517A.
**KONTRON** EKG P80
**MACQUAIRE** CT100, CT200.
**M4 MEDICAL:** M traces
**NIHON - KOHDEN** Cardiofax 651, 6581, 8110.
**PROGETTI all models:** EPG junior, EPG view, EPG6 view, EPG6 view plus
**SCHILLER** AT/1, AT/2, AT/3, AT/4, AT/5, AT/6, AT/10, CS6, CS12, CS100, CV6, P80.

Other ECG accessories at pages 277-279

# HOLTER ECG SYSTEM - 24 HOURS MONITORING


Monitor
not Included



**• 35130 ECG HOLTER + SOFTWARE**
ECG Holter system includes ECG recorder and software connectable to a computer system or laser printer. The recorder has built-in flash storage media to increase memory capacity. The sampling rate of 1,000 sampling/sec has improved the quality of waveform.
Accuracy of the system is ensured by AHA and MIT data.

**Features:**

- windows software interface (GB, IT, PL)
- quick and accurate analyzing system
- special editing system of R point
- perfect analysis function of ST segment
- analysis function of T wave of all channels and T wave trend graph
- review of ECG trend graph
- analysis system of HR variability, providing regular SDNN, SDANN, RMSSD, LF, HF, time domain and frequency domain
- QT analysis and QT trend graph
- acquire pacing ECG directly without separate channel;

Also have the functions of VCG, VLP, TVCG, HRT, TWA

**Recorder:**

- 12 channel Synchronized ECG Acquisition
- small ECG recorder with OLED colour screen to display real time ECG waveform and review storage data.
- capacity up to 2G
- selectable sampling rate, 200, 500, 1,000 sampling/sec
- sampling accuracy: 12 bit
- built-in FLASH storage media, to prevent the flash card from damage due to repeated insertion and pull out
- USB interface
- operating system: Win 98, 2000, XP, 7, 8, 10

**• 35131 ECG CABLE - spare**

**TECHNICAL SPECIFICATIONS**

**Scale voltage:** 1mV±5%
**Standard sensitivity:** 10mm/mV ±5%
**Noise level:** ≤30μV
**CMRR:** ≥60dB
**Frequency response:** 10Hz as benchmark, 0.5Hz~55Hz; -3dB
**Time constant:** >3.2s
**Scan speed:** 25mm/s ±5%
**Enduring polarization voltage:** ±300mV
**Least measure signal:** 50μV p-p
**Interference between channels:** scan track deflection (result from interference between channels) <0.5mm
**Product safety type:** type B (internally powered)
**Size:** 111 (L) x60 (W) x25 (H) mm
**Net weight:** 105 g (without battery)

**STANDARD ACCESSORIES**
1 Holter recorder
1 CD with software
10 leads patient cable
10 disposable ECG sensor
1 pouch for hanging recorder
1 USB cable for data downloads
Instruction Manual (GB, IT)

# PC-ECG WITH INTERPRETATION SOFTWARE AND USB PORT

**• 33320 PC-ECG + ECG LAB SOFTWARE**
Innovative PC-ECG device that can be connected to your PC via USB port. No power cable is required as it is powered through the USB PC cable. The unit is supplied with a 10 banana plug ECG cable (length 295 cm) and a powerful interpretation software (GB, FR, IT, DE, ES, PT, CN).
Main software features:

- **12 lead resting ECG with auto interpretation (ECG)**
- **vector ECG (VCG)**
- sampling screen colour customization
- multi ECG report formats
- standard or thermal paper print, B&W or colour
- auto interpretation On or Off
- measurement table
- tests comparison
- 90s resting ECG full disclosure
- multi hour ECG monitoring with holter analysis
- simple exercise stress test with report
- e-mail, PDF, ASCII, HL7, Dicom, GDT Interfaces

**• 33328 ECG CABLE - SPARE**

**• 33321 PC-ECG+CARDIOLOGY SOFTWARE**
Same as code 33320 but with the following specialist functions:

- timed vector ECG (TVCG)
- SAECG (Signal Averaged ECG) ventricular late potentials analysis
- QTd analysis
- hour ECG
- High Frequency ECG (HFECG)
- Frequency Cardiogram (FCECG)
- simple exercise ECG

**• 33322 CARDIOLOGY SOFTWARE to upgrade 33320 into 33321**

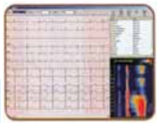
**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Communication port: | USB - Support HL7, Dicom interface |
| Size: | 120x85x28 mm - 190 g |
| Power source: | 5V DC (from PC USB port) |
| Patient insulation: | 4000 V AC |
| Defibrillation protection: | built-in patient cable |
| Sample rate: | 10240Hz - Sample accuracy: 16 bit |
| PC minimum requirements: | Windows 2000, XP Vista and Windows 7<br>CPU ≥ 1 GHz - HD ≥ 40 G - RAM ≥ 256 M |

**STANDARD ACCESSORIES**
4 limb electrodes
6 chest electrodes
Patient cable 10 leads,
10 electrodes
USB pen driver
CD software
Banana plug

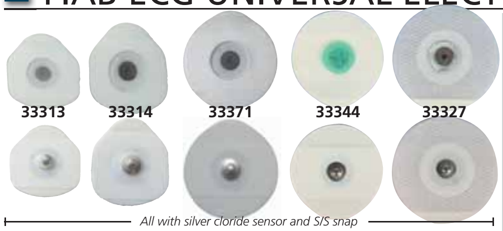
FCG CAD gram
to locate coronary artery
disease and ischemia

3-VCG analysis

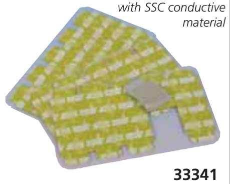

QT Dispersion
QTD analysis with
chroma map

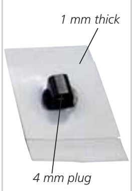
Above 3 pictures refers
to code 33321

# FIAB ECG UNIVERSAL ELECTRODES

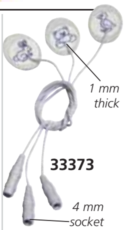


All with silver cloride sensor and S/S snap


Medical adhesive solid gel, biocompatible with SSC conductive material
33341



33372



33373

| GIMA code | FIAB code | UNIVERSAL DISPOSABLE ECG ELECTRODES - latex free | | | | | | Minimum order |
|---|---|---|---|---|---|---|---|---|
| | | Material | Size | Gel | Shape | Connection | Application | |
| 33313 | F9089P-100 | Foam | Ø 32x36 mm | Solid | Oval | Snap | Pediatric - rest, long term, stress and ECG holter | box of 2,000 pcs (20 bags of 100) |
| 33370 | F9060P | PE-Foam | Ø 40 mm | Solid | Round | Snap | Pediatric - rest, long term, stress and ECG holter | bag of 50 pcs |
| 33314 | F9089-100 | Foam | Ø 36x40 mm | Solid | Oval | Snap | Adult - rest, long term, stress and ECG holter | box of 2,000 pcs (20 bags of 100) |
| 33371 | F9060 | PE-Foam | Ø 48x50 mm | Solid | Oval | Snap | Adult - rest, long term, stress and ECG holter | bag of 50 pcs |
| 33344 | F9067 | PE-Foam | Ø 48x50 mm | Liquid | Oval | Snap | Adult - rest, stress and ECG holter | box of 1,200 pcs (24 bags of 50) |
| 33327 | F2080 | Non woven | Ø 55 mm | Solid | Round | Snap | Adult - rest ECG | box of 1,200 pcs (24 bags of 50) |
| 33341 | F3001ECG | Gelled | 34x23 mm | Solid | TAB | Alligator | Adult - rest ECG | bag of 100 pcs |
| 33372 | F9047/4FL | PE-Foam | 28x44 mm | Liquid | Rectangular | Plug 4 mm | Adult - rest ECG | box of 1,000 pcs (20 bags of 50) |
| 33373 | F9053N | Foam | Ø 23x30 mm | Solid | Oval | 35 cm wire with 4 mm socket | Pediatric and neonatal | box of 150 pcs (5 bags of 30) |

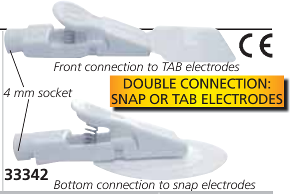
# ADAPTORS FOR ECG ELECTRODES

33367

33375

33376

33374



DOUBLE CONNECTION:
SNAP OR TAB ELECTRODES
33342
Bottom connection to snap electrodes

| GIMA code | UNIVERSAL ADAPTERS FOR ECG ELECTRODES | Minimum order |
|---|---|---|
| 33367 | Set of 10 adaptors (6 white, 1 yellow, 1 green, 1 red, 1 black) for ECG electrodes with 4 mm snap - codes 33313, 33314, 33327, 33344, 33370, 33371 | set of 10 pcs |
| 33375 | Alligator adaptor with wire - total length: 16,5 cm | 10 pcs |
| 33376 | Alligator adaptor | 10 pcs |
| 33342 | Multifunction adaptor - can fit both snap electrodes and TAB electrodes - size 14x54x17 mm | 10 pcs |
| 33374 | Grabber adaptor - fit snap electrodes - size 22.5x33 mm | 10 pcs |

# LIMB CLAMP AND CHEST ELECTRODES

Silver coated plastic material
Conform to EN 60601-2-25

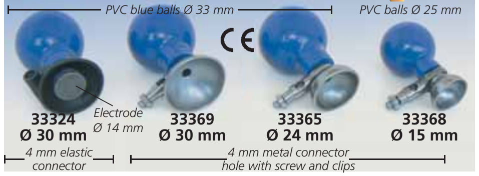
Universal connection: hole with screw (4 mm) and clip

**30x130 mm**
**adult clamp**
**33364**

Universal connection - hole with screw (4 mm) and clip

Silver coated plastic material conform to EN 60601-2-25

**20x90 mm**
**pediatric clamp**
**33363**



| GIMA code | UNIVERSAL REUSABLE ECG ELECTRODES LATEX FREE - NICKEL FREE | Minimum order |
|---|---|---|
| 33363 | Set of 4 limb clamp electrodes (4 colours) pediatric | 1 set |
| 33364 | Set of 4 limb clamp electrodes (4 colours) adult | 1 set |
| 33368 | Set of 6 chest electrodes Ø 15 mm - silver coated | 1 set |
| 33365 | Set of 6 chest electrodes Ø 24 mm - silver coated | 1 set |
| 33369 | Set of 6 chest electrodes Ø 30 mm - silver coated | 1 set |
| 33323 | Set of 6 chest electr. Ultra Ø 24 mm - silver coated | 1 set |
| 33324 | Set of 6 chest electr. Ultra Ø 30 mm - silver coated | 1 set |

# 3M™ RED DOT™ ELECTRODES

33378

| GIMA code | 3M code | 3M™ RED DOT™ ELECTRODES | Minimum order |
|---|---|---|---|
| | | **Gel electrodes - short term diagnostics** | |
| **33378** | **2330** | 3M™ Red Dot™ - 3.2 x 2.2 cm | bag of 100 |
| | | **Foam monitoring electrodes** | |
| **33293** | **2570** | 3M™ Red Dot™ - 4 x 3.5 cm | bag of 50 |
| **33294** | **2237** | 3M™ Red Dot™ - Ø 6 cm | bag of 50 |
| | | **Non woven monitoring electrodes** | |
| **33299** | **2248-50** | 3M™ Red Dot™ - Pediatric - Ø 4.5 cm | box of 50 |
| **33300** | **2271** | 3M™ Red Dot™ - 5.6 x 5.1 cm | box of 50 |
| **33297** | **2239** | 3M™ Red Dot™ - Ø 6 cm | box of 1,000* |

*20 bags of 50 pieces

**33378**

***3M 2330*** *resting ECG electrode with adhesive gel*

**33293**

***3M 2570*** *electrode with foam tape and sticky gel - radiolucent.*
*5-days wearing time*

**33294**

***3M 2237*** *fluid resistant foam polyethylene backing.*
*3-days wearing time*

**33300**

***3M 2271*** *diaphoretic soft cloth monitoring electrode with blue abrader*
*3-days wearing time*

**33299**

***3M 2248-50*** *pediatric monitoring electrode with micropore tape backing*

**33297**

***3M 2239*** *monitoring electrode with micropore tape backing*
*3-days wearing time*

# AMBU BLUE SENSOR ECG ELECTRODES

| 4 mm | Tab or snap | GIMA code | AMBU code | Description | Application | Gel type | Backing material | Size (mm) | Shape | Shelf life* (month) | Radiolucent | Connector type | Minimum order | Packaging |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | **33200**<br>**33201** | SU-00-A/60<br>SU-00-C/100 | Blue sensor SU | Resting | Wet | Polymer | 49x33 | Teadrop | 24 | No | 4 mm TAB | box of 1,200<br>box of 1,200 | 20 pouches of 60<br>12 pouches of 100 |
| | | **33203** | L-00-S/25 | Blue sensor L | Long-term | Wet | Microporous | 68.2x55 | Round w/offset | 24 | No | Snap | box of 500 | 20 pouches of 25 |
| | | **33204**<br>**33205**<br>**33206** | VL-00-S/25<br>VL-00-S/25<br>VL-00-A/25 | Blue sensor VL | Long-term | Wet | Microporous | 72x68 | Round w/offset | 24 | No | Snap<br>Snap<br>4mm | box of 25<br>box of 500<br>box of 500 | 1 pouch of 25<br>20 pouches of 25<br>20 pouches of 25 |
| | | **33208**<br>**33209** | R-00-A/25<br>R-00-S/25 | Blue sensor R | Stress test | Wet | Foam | 57x48 | Round w/offset | 24 | No | 4mm<br>Snap | box of 500<br>box of 500 | 20 pouches of 25<br>20 pouches of 25 |
| | | **33211**<br>**33212** | M-00-A/50<br>M-00-S/50 | Blue sensor M | Short-term | Wet | Polymer | 40.8x34 | Round w/offset | 15 | No | 4mm<br>Snap | box of 1,000<br>box of 1,000 | 20 pouches of 50<br>20 pouches of 50 |

*Shelf life means maximum life from production date. Average Gima shelf life is 50 to 90% of maximum life

**BLUE SENSOR**
BlueSensor is the world's most time and cost efficient range of electrodes that delivers unmatched readings, user convenience and patient comfort.
BlueSensor ensures that you don't get your workflow disrupted by false alarms or have to waste time resolving problems with electrode adhesion.

**Exact monitoring - clear picture**
Blue Sensor electrodes give a fast and reliable trace without the need for skin preparation, maximizing comfort for the patient. We know that fast, exact monitoring that ensures a clear picture of the patients' heartbeat is essential to accurate diagnoses.

**AMBU BLUE SENSOR SU**
- highly conductive wet gel
- superior quick adhesion
- unique offset connector - fitting or tab
- occlusive backing material
- high quality Ag/AgCl sensor

**AMBU BLUE SENSOR L**
- highly conductive wet gel
- combination of instant and long-term adhesives
- breathable microporous material
- unique offset connector
- high quality Ag/AgCl sensor

**AMBU BLUE SENSOR VL**
- highly conductive wet gel
- combination of instant and long-term adhesives
- breathable microporous material
- unique offset connector
- high quality Ag/AgCl sensor

**AMBU BLUE SENSOR R**
- highly conductive wet gel
- superior adhesion
- comfortable foam backing
- large measuring area

- unique offset connector
- high quality Ag/AgCl sensor

**AMBU BLUE SENSOR M**
- highly conductive wet gel
- superior adhesion
- occlusive backing material
- unique offset connector
- high quality Ag/AgCl sensor

# ECG GEL AND SPRAY

- **33266 ECG GEL - 250 ml - box of 40 tubes**
- **33263 ECG GEL - 5 l - box of 4 bags****
- **33268 ECG SPRAY GEL - 250 ml - box of 20 tubes**

Suitable for non pre-gelled electrodes, ECG latches and pendant switches in any ECG and exertional applications.
Allows ECG waves clear transfer to equipment.
It is hypoallergenic, does not irritate skin, does not contain oil and oily substances, does not contain formaldheyde and salt, has no toxic effects and is odourless.

- **33283 PUMP FOR BAG 5 l**

**Includes 4 empty bottles 250 ml and 1 nozzle for easy refill

33263 33266 33268

# GIMA ECG THERMAL PAPERS FOR DIFFERENT ECG BRANDS

| GIMA code | ECG MANUFACTURER AND MODEL | Type | Width mm | Length m | Sheet | Marker | Grid* | Min. order |
|---|---|---|---|---|---|---|---|---|
| | **ASPEL** | | | | | | | |
| **32951** | Ascard A4, B56, Mr. Blue, Mr. Silver 3 Topaz, grey, v.07.204, orange, red, v.07.303 | roll | 112 | 25 | - | no | or/red | 10 |
| **32996** | Ascard B5 eco, Mr. Green, mint | roll | 58 | 25 | - | no | or/red | 20 |
| **32952** | Ascard, Mr. Gold, Gold/3 | roll | 210 | 25 | - | no | or/red | 5 |
| | **BIOCARE** | | | | | | | |
| **32968** | 101G | roll | 50 | 20 | - | no | or/red | 20 |
| **32989** | 300G, 3010 | roll | 63 | 30 | - | no | or/red | 20 |
| **32969** | iE3 | roll | 80 | 20 | - | no | or/red | 10 |
| **33002** | 3030, 6010 | roll | 112 | 27 | - | no | or/red | 10 |
| **32992** | 1200 | roll | 210 | 30 | - | no | or/red | 5 |
| **32962** | 1210, 1215 | pack | 210 | 140 | 215 | yes | or/red | 10 |
| **33004** | iE12, iE15 | pack | 210 | 150 | 200 | yes | or/red | 10 |
| | **BIOLIGHT** | | | | | | | |
| **32969** | BLT, 1203A, E 30 | roll | 80 | 20 | - | no | or/red | 10 |
| **32966** | E70, E80 | pack | 210 | 295 | 150 | yes | or/red | 1 |
| | **BIONET** | | | | | | | |
| **32950** | Cardiocare/Cardiotouch | roll | 215 | 25 | - | no | or/red | 5 |
| | **BIOSET-HORMAN** | | | | | | | |
| **32969** | 3800 | roll | 80 | 20 | - | no | or/red | 10 |
| **33050** | Bioset 3600/3601/3700 | pack | 110 | 100 | 200 | yes | or/red | 10 |
| **33051** | Bioset 8000 - 8100 - 9000 - 9100 | pack | 210 | 150 | 400 | yes | or/red | 5 |
| | **BTL** | | | | | | | |
| **32996** | BTL 08/MT, 08/MD, 08/MD3 | roll | 58 | 25 | - | no | or/red | 20 |
| **32953** | 08 MT, MD | roll | 112 | 23 | - | no | or/red | 10 |
| **32952** | BTL 08/LC, 08/LT | roll | 210 | 25 | - | no | or/red | 5 |
| | **BURDICK** | | | | | | | |
| **32954** | Atria 3100/6100, quest | pack | 210 | 300 | 200 | yes | or/red | 1 |
| | **CARDIOLINE** | | | | | | | |
| **32955** | Elan 100 | pack | 112 | 100 | 300 | yes | or/red | 25 |
| **32956** | Delta 1 plus | pack | 60 | 100 | 300 | yes | or/red | 25 |
| **32957** | Delta 1 plus | roll | 60 | 30 | - | no | or/red | 20 |
| **32958** | Delta 3 plus | pack | 112 | 100 | 300 | yes | or/red | 25 |
| **32959** | Delta 30 | roll | 183 | 30 | - | no | or/red | 5 |
| **32960** | Delta 60 plus | roll | 210 | 30 | - | no | or/red | 5 |
| **32961** | Elan 2100, Delta 612 | pack | 210 | 280 | 200 | yes | or/red | 1 |
| **33053** | ECG 100+ | pack | 100 | 150 | 200 | yes | or/red | 10 |
| **33054** | AR/2100 (VIEW/ADV) - 66010042 | pack | 210 | 140 | 200 | yes | or/red | 8 |
| **33055** | ECG 200+ | pack | 210 | 295 | 180 | yes | or/red | 1 |
| | **CAREWELL** | | | | | | | |
| **32963** | ECG-1101B, 1101C, 1101G | roll | 50 | 25 | - | no | or/red | 20 |
| **33025** | ECG-1103B, 1103G, 1103L | roll | 63 | 30 | - | no | or/red | 20 |
| **33058** | ECG-1103GW, 1103LW | roll | 80 | 30 | - | no | or/red | 10 |
| **33059** | ECG-1106G, 1106L | roll | 112 | 25 | - | no | or/red | 10 |
| **32950** | ECG-1112L, 112M, T/12 | roll | 215 | 25 | - | no | or/red | 5 |
| | **COMEN** | | | | | | | |
| **32969** | CM300 | roll | 80 | 20 | - | no | or/red | 10 |
| **32965** | CM600 | roll | 110 | 20 | - | no | or/red | 20 |
| **32992** | CM 1200 A/B | roll | 210 | 30 | - | no | or/red | 5 |
| **32966** | CM 1200 A/B | pack | 210 | 295 | 150 | yes | or/red | 1 |
| | **CONTEC** | | | | | | | |
| **32968** | 90A, 100G | roll | 50 | 20 | - | no | or/red | 20 |
| **32969** | 300G, 300GT | roll | 80 | 20 | - | no | or/red | 10 |
| **32970** | 600G | roll | 110 | 20 | - | no | or/red | 10 |
| **32967** | 1200, 1201 | roll | 210 | 30 | - | no | or/red | 5 |
| | **DIMED** | | | | | | | |
| **32963** | LTD400 | roll | 50 | 25 | - | no | or/red | 20 |
| **32996** | LTD410, Heartscreen 60G | roll | 58 | 25 | - | no | or/red | 20 |
| **32964** | LTD405S, LTD405W, LTD415 Heartscr. 80G | roll | 80 | 25 | - | no | or/red | 10 |
| **32951** | LTD418, Heartscreen 112 | roll | 112 | 25 | - | no | or/red | 10 |
| **32965** | LTD440, LTD445/S | pack | 110 | 140 | 143 | yes | or/red | 20 |
| **32960** | LTD450, LTD455/S, LTD455/W | roll | 210 | 30 | - | no | or/red | 5 |
| **32966** | LTD450, LTD455/S, LTD455/W | pack | 210 | 295 | 150 | yes | or/red | 1 |
| | **EDAN** | | | | | | | |
| **32963** | SE-1 | roll | 50 | 25 | - | no | or/red | 20 |
| **32964** | SE-3 | roll | 80 | 25 | - | no | or/red | 10 |
| **32965** | SE-601 | pack | 110 | 140 | 143 | yes | or/red | 20 |
| **32966** | SE-6, 12, 1200 EXP | pack | 210 | 295 | 150 | yes | or/red | 1 |
| **32960** | SE-6, 12, 1200 EXP | roll | 210 | 30 | - | no | or/red | 5 |
| **32962** | SE/1201 | pack | 210 | 140 | 215 | yes | or/red | 10 |
| | **ELETTRONICA TRENTINA/CARDIETTE/CARDIOLINE** | | | | | | | |
| **32971** | Autoruler 12/1, comp. 1x12 | roll | 50 | 30 | - | yes | blue | 20 |
| **32972** | Start 100 | roll | 130 | 27 | - | yes | blue | 10 |
| **32973** | AR 600 | roll | 60 | 15 | - | yes | blue | 25 |
| **32977** | AR 600 Adv | pack | 60 | 75 | 250 | yes | blue | 25 |
| **32974** | AR 1200 | roll | 120 | 18 | - | yes | blue | 10 |
| **32978** | AR 1200 (View/Adv) | pack | 120 | 100 | 300 | yes | blue | 10 |
| **32975** | Daedalus, AR2100 | roll | 210 | 20 | - | yes | blue | 5 |
| **32976** | Daedalus, Start 200, AR2100 | pack | 210 | 150 | 200 | yes | blue | 8 |
| | **ESAOTE BIOMEDICA** | | | | | | | |
| **32980** | P 80 base | roll | 90 | 28 | - | no | or/red | 10 |
| **32981** | P 80 base | pack | 90 | 70 | 400 | yes | or/red | 25 |
| **32982** | P 80 Power, P 80 SIX | pack | 210 | 280 | 215 | yes | or/red | 1 |
| **32983** | P8000 base | pack | 80 | 70 | 300 | yes | or/red | 20 |
| **32984** | P8000 Power | pack | 210 | 280 | 200 | yes | or/red | 1 |
| **32985** | Archimed 4240, Archiwin | pack | 210 | 300 | 200 | yes | or/red | 1 |
| **32986** | Personal 120 | pack | 126 | 150 | 170 | yes | white | 20 |
| **32987** | My Cardiopad base | pack | 114 | 90 | 200 | yes | or/red | 20 |
| **33040** | Esaote my Cardiopad 2157036 | pack | 210 | 140 | 180 | yes | or/red | 5 |
| | **FUKUDA ME - FUKUDA DENSHI** | | | | | | | |
| **32988** | 501A, FX121, FCP-500, OP18TE | roll | 50 | 30 | - | no | or/red | 20 |
| **32989** | FCP15, FCP11, OP110TE, OP119TE FCP2101, 2155, FX 2111, CASE10, FCP 7101, FX 7102 | roll | 63 | 30 | - | no | or/red | 20 |
| **32994** | OP/358TE, FCP/131, FX3010, FX3101, FX-8822 | roll | 145 | 30 | - | no | or/red | 10 |
| **32990** | OP 111 TE, OP 115 TE, FX102 | pack | 50 | 75 | 400 | yes | or/red | 20 |
| **32991** | OP 112 TE, FX 2111, FX 7101, FX 7102, FCP 2201 G | pack | 63 | 75 | 400 | yes | or/red | 25 |
| **32992** | FCP231, OP69TE, FX7402, FX7542, FX 8322 | roll | 210 | 30 | - | no | or/red | 5 |
| **32993** | OP/382TE, FX-3010, FX-8222 | pack | 145 | 75 | 400 | yes | or/red | 10 |
| **32965** | OP222TE, FX7202 | pack | 110 | 140 | 143 | yes | or/red | 20 |
| | **GIMA** | | | | | | | |
| **32996** | Cardiogima 1M, 3M | roll | 58 | 25 | - | no | or/red | 20 |
| **32953** | Cardiogima 6M, colour | roll | 112 | 23 | - | no | or/red | 10 |
| **32950** | Cardiogima 12, 12M | roll | 215 | 25 | - | no | or/red | 5 |
| | **HEWLETT PACKARD** | | | | | | | |
| **32999** | Page Writer 100/200, M1709A, M2483A | pack | 210 | 300 | 200 | hole | or/red | 1 |
| **32988** | 40453 A, 43120 | roll | 50 | 30 | - | no | or/red | 20 |
| | **INNOMED** | | | | | | | |
| **32996** | HearthMirror IKO 3, HeartScreen 60 IKO, 60 G | roll | 58 | 25 | - | no | or/red | 20 |
| **32964** | HeartScreen IKO 80G-L, 80C-L | roll | 80 | 25 | - | no | or/red | 10 |
| **32953** | HeartScreen 112 C-D | roll | 112 | 23 | - | no | or/red | 10 |
| | **KENZ - SUZUKEN** | | | | | | | |
| **33002** | Cardico 302/601 | roll | 112 | 27 | - | no | or/red | 10 |
| **33003** | Cardico 302/601 | pack | 112 | 90 | 200 | yes | or/red | 20 |
| **32960** | Kenz-Cardico 1210, 1211 | roll | 210 | 30 | - | no | or/red | 5 |
| **32988** | 103, R50-30R, TEC 8300 | roll | 50 | 30 | - | no | or/red | 20 |
| | **MARQUETTE - HELLIGE - GE** | | | | | | | |
| **33010** | MAC PC | roll | 108 | 23 | - | no | or/red | 10 |
| **33011** | Case 10-12-15, MAC 3000-5000 | pack | 215 | 280 | 300 | hole | or/red | 1 |
| **32966** | Cardiosmart, MAC 1200/1600 | pack | 210 | 295 | 150 | yes | or/red | 1 |
| **33012** | MAC 400, MAC 600 | pack | 80 | 90 | 280 | yes | or/red | 25 |
| **33013** | MAC 800 | pack | 110 | 140 | 200 | yes | or/red | 25 |
| | **MINDRAY** | | | | | | | |
| **33014** | Beneheart R3 | roll | 80 | 20 | - | no | or/red | 10 |
| **33016** | Beneheart R3 | pack | 80 | 70 | 200 | yes | or/red | 25 |
| **32966** | BeneHeart R12 | pack | 210 | 295 | 150 | yes | or/red | 1 |
| | **MORTARA** | | | | | | | |
| **33017** | Eli 50 | pack | 50 | 70 | 200 | yes | or/red | 25 |
| **33010** | Eli 100 | roll | 108 | 23 | - | no | or/red | 10 |
| **33019** | Eli 210, 250, 280, 350, 380 | pack | 210 | 300 | 250 | yes | or/red | 1 |
| **33020** | Eli 150 | pack | 108 | 140 | 200 | yes | or/red | 25 |
| **33021** | Eli 230 | roll | 210 | 20 | - | no | or/red | 5 |
| | **NIHON KOHDEN** | | | | | | | |
| **33025** | CARDIOFAX 8110, 9620, 1150K | roll | 63 | 30 | - | no | or/red | 20 |
| **33026** | Cardio-fax GEM/1250/1950, ECG-9010/9020/9022 | pack | 210 | 140 | 215 | yes | white | 10 |
| **32962** | Cardio-fax GEM/1250/1950, ECG-9010/9020/9022 | pack | 210 | 140 | 215 | yes | or/red | 10 |
| **33027** | GEM 9010, 9020, 9022, 1250, 1950 | pack | 110 | 140 | 143 | yes | white | 20 |
| **33028** | 1500, 1550, 9110, 9130, 9132, 9320, 2250 | pack | 210 | 295 | 170 | yes | white | 1 |
| | **PHILIPS** | | | | | | | |
| **32998** | Page Writer TC/10 | roll | 110 | 25 | - | no | or/red | 10 |
| **32999** | Page Writer TC/50 - TC/70 | pack | 210 | 300 | 200 | hole | or/red | 1 |
| **32997** | Touch, TRIM I / II / III, Page Writer TC/20, TC/30 | pack | 210 | 300 | 100 | hole | or/red | 1 |
| | **PROGETTI** | | | | | | | |
| **32953** | EPG 612 | roll | 112 | 23 | - | no | or/red | 10 |
| **32996** | EPG Basik-pocket | roll | 58 | 25 | - | no | or/red | 20 |
| | **SCHILLER** | | | | | | | |
| **33037** | AT 1, AT 4 | pack | 90 | 90 | 390 | yes | green | 25 |
| **32982** | AT 2, CS 200 | pack | 210 | 280 | 215 | yes | or/red | 1 |
| **33038** | AT 10 | pack | 210 | 140 | 250 | yes | green | 10 |
| **32983** | AT 101 | pack | 80 | 70 | 300 | yes | or/red | 20 |
| **32984** | AT 102 | pack | 210 | 280 | 200 | yes | or/red | 1 |
| **33039** | AT110, AT 10 Plus,AT 2 Plus | pack | 210 | 140 | 150 | yes | green | 5 |
| **32987** | Cardiopad, MS 2010 | pack | 114 | 90 | 200 | yes | green | 20 |
| **33040** | Esaote my Cardiopad 2157036 | pack | 210 | 140 | 180 | yes | or/red | 5 |
| | **SIEMENS** | | | | | | | |
| **32990** | Cardiostat 1 | pack | 50 | 75 | 400 | yes | or/red | 20 |
| **32991** | Cardiostat 11 | pack | 63 | 75 | 400 | yes | or/red | 25 |
| | **TRISMED** | | | | | | | |
| **32989** | Cardipia 201N | roll | 63 | 30 | - | no | or/red | 20 |
| **33046** | Cardipia 400, 406RS | roll | 110 | 30 | - | no | or/red | 25 |
| **33047** | Cardipia 800, 812RS | roll | 215 | 30 | - | no | or/red | 5 |

*or/red: grid could be orange or red colour

## SONY MEDICAL PRINTERS

*Space saving design: 154x240xh 88 mm, for flexible integration into medical carts*

33968

**• 33968 SONY HYBRID GRAPHIC PRINTER UP-X898 MD - black/white**
Produces A6 size printings in about 2 seconds, with superb print quality with 325 dpi and grey level of 256 steps.
Can take both analogue video and digital signal inputs.
110-240 V AC, 50/60 Hz.

**• 33993 SONY COLOUR PRINTER UP-25 MD**
High quality analogue A6 Dye.
Sublimation Printer for use in medical applications.
An ideal technology for making high quality, accurate photographic prints.
See more info on www.gimaitaly.com

33993

## SONY ORIGINAL PAPER

**SONY VIDEOPRINTER PAPERS**

**• 72726 SONY PAPER - UPP-110 HD - box of 10 rolls**
High density printing paper - 110 mm x 20 m

**• 72727 SONY PAPER - UPP-110 HG - box of 10 rolls**
High glossy printing paper - 110 mm x 18 m

**• 72728 SONY PAPER UPP-110S - box of 10 rolls**

**• 72729 SONY PAPER UPP-110HA - box of 10 rolls**

**• 72735 SONY COLOUR PAPER UPC-21L (4 ink rolls + 200 supports 144x100 mm)**

## MITSUBISHI ORIGINAL PAPER

**• 72740 MITSUBISHI PAPER K65HM-CE - box of 4**

## COMPATIBLE PAPERS FOR SONY AND MITSUBISHI PRINTERS

**ULTRASOUND COMPATIBLE PAPER FOR VIDEOPRINTERS**
Top quality thermal print media perfectly fitting Sony and Mitsubishi thermal printers.

**Long lasting image durability for high storage durability**
- high humidity and heat resistance for long storage
- strong resistance to water, finger prints and ultrasound gel drops.

**Precise, high resolution image reproduction**
- first class colour intensity for highest black colour density
- outstanding, bright, sharp and detailed medical image
- high glossy, brilliant, photorealistic reproduction

**Trouble-free printing and long-term use of printer**
- easy tearing along the cross direction
- minimum curling for flat photo media and easy filing
- built-in anti-electrostatic layer preventing thermal head damage.

| GIMA code | Compatibility SONY | MITSUBISHI | Paper grade | Size mm x m | Minimum order |
|---|---|---|---|---|---|
| **72745** | UPP-110HG | K91HG/KP91HG | high glossy | 110x18 | box of 5 |
| **72746** | UPP-84HG | - | | 84x12.5 | box of 10 |
| **72747** | UPP-110HD | - | high density | 110x20 | box of 5 |
| **72748** | - | K65HM/KP65HM | | 110x20 | box of 5 |
| **72749** | UPP-210HD | - | | 210x25 | box of 5 |
| **72750** | UPP110S | - | standard | 110x20 | box of 5 |
| **72751** | - | K61S/KP61S/KP61B | | 110x20 | box of 5 |

72745

72751

## COMPATIBLE DEFIBRILLATOR ECG THERMAL PAPER - DIFFERENT BRANDS

| GIMA code | MANUFACTURER AND MODEL | Type | Width mm | Length m | Sheet | Marker | Grid* | Min. order |
|---|---|---|---|---|---|---|---|---|
| | **CORPLUS** | | | | | | | |
| **33100** | Corplus 3 | roll | 106 | 20 | - | no | or/red | 10 |
| | **MINDRAY** | | | | | | | |
| **32968** | Beneheart D3, D6 | roll | 50 | 20 | - | no | or/red | 20 |
| | **HEWLETT PACKARD** | | | | | | | |
| **33103** | 40457C/D, Codemaster 100, XL | roll | 50 | 30 | - | no | or/red | 20 |
| | **NIHON KOHDEN** | | | | | | | |
| **33029** | Def. TEC 5521, 5531, BSM 2300, 3000 | pack | 50 | 100 | 200 | no | or/red | 25 |
| **32988** | Tech-8300 | roll | 50 | 30 | - | no | or/red | 20 |

*or/red: grid could be orange or red colour

| GIMA code | MANUFACTURER AND MODEL | Type | Width mm | Length m | Sheet | Marker | Grid* | Min. order |
|---|---|---|---|---|---|---|---|---|
| | **PHILIPS** | | | | | | | |
| **33102** | Defibrillator MRX | roll | 75 | 25 | - | no | or/red | 10 |
| **33103** | Heartstart XL | roll | 50 | 30 | - | no | or/red | 20 |
| | **PHYSIO CONTROL** | | | | | | | |
| **33032** | Life Pack 8-9-10 | roll | 50 | 23 | - | no | or/red | 20 |
| **33033** | Life pack 11-12-15 | roll | 107 | 25 | - | no | or/red | 10 |
| | **SCHILLER** | | | | | | | |
| **32983** | Defigard 6002 | pack | 80 | 70 | 300 | yes | or/red | 20 |
| | **ZOLL** | | | | | | | |
| **33106** | Defi/1400 (P/N 8000-0300) | pack | 90 | 90 | 200 | yes | or/red | 20 |

## GIMA ULTRASOUND GEL

| GIMA code | ULTRASOUND GEL | Minimum order |
|---|---|---|
| **33269** | Sterile ultrasound gel - sachet - 20ml - transp | box of 48 |
| **33271** | Ultrasound gel - sachet - 20ml - transparent | box of 200 |
| **33270** | Ultrasound gel - tube 60 ml - transparent | box of 12 |
| **33272** | Ultrasound gel - tube 250 ml - blue | box of 40 |
| **33273** | Ultrasound gel - tube 250 ml - transparent | box of 40 |
| **33274** | Ultrasound gel - bottle 1 l - blue | box of 12 |
| **33275** | Ultrasound gel - bottle 1 l - transparent | box of 12 |
| **33276** | Ultrasound gel - tank 5 l - blue | box of 2* |
| **33277** | Ultrasound gel - tank 5 l - transparent | box of 2* |
| **33278** | Ultrasound gel - bag 5 l - blue | box of 4** |
| **33279** | Ultrasound gel - bag 5 l - transparent | box of 4** |
| **33283** | Pump for tank 5 l and bag 5 l | |

**includes 2 empty bottles 250 ml    ** includes 4 empty bottles 250 ml and 1 nozzle*

**GIMA ULTRASOUND GEL**
Hypoallergenic, water soluble gel suitable for ultrasonography, doppler and defibrillator applications. It ensures the ultrasound waves come to the equipment display in a clear and uninterrupted way. Salt, formaldehyde, fragrance free.

## GEL CLEANER

**• 33281 GEL PROBE CLEANER 250 ml**
It removes the gel left over the probe, makes the image clearer and extends the probe life.
Thanks to the active agents contained, it prevents the bacteria to pass from patient to patient, and it ensures hygiene.
Alcohol-free.

33281

## TECARTHERAPY CREAM

**• 33251 TECARTHERAPY CREAM 1 l**
It allows to reduce the contact impedance between the probe and the skin.
The high conductivity ensures the best results both in the capacitive phase and in the resistive phase of the treatment.
Preservatives and dyes used are non-toxic.
Latex free.

33251

## EEG PASTE

**• 33262 EEG PASTE - 400 g**
Used with EEG electrodes in EEG application for brain mapping. Thanks to the active substances in its content, it allows the electrode to cling to the strand of hair easily and provides conductivity.
It is hypoallergenic, does not irritate skin, soluble in water and can be cleaned easily.
Does not contain oil and oily substances.
It has no toxic effects and odour.

33262

## COSMETIC GEL

**KONIX COSMETIC LASER & CAVITATION GEL**
Laser & Cavitation gel reduces the pain that patients experience during depilation and makes the device last longer by cooling the device head and window.
Thanks to the vacuum technology, its active substances and its high viscosity it preserves probe from damages.
It is not affected by the body salt during the use, ensures an easy application.
**Technical properties:** it is hypoallergenic, does not irritate skin, is water soluble and easily cleanable.
Oily substances, formaldehyde and salt free.
No toxic effects and odourless.

| GIMA code | COSMETIC LASER & CAVITATION GEL | Minimum order |
|---|---|---|
| **33253** | Cosmetic gel - tube 250 ml | box of 40 |
| **33254** | Cosmetic gel - bottle 1 l | box of 12 |
| **33255** | Cosmetic gel - bag 5 l | box of 4** |
| **33283** | Pump for bag 5 l | |

*** includes 4 empty bottles 250 ml and 1 nozzle for easy refill*

## GIMA PORTABLE, BIDIRECTIONAL, VASCULAR DOPPLER

- **33230 GIMA BIDIRECTIONAL DOPPLER NON STEREO with two probes: 4 and 8 MHz**

Continuous wave (CW) bidirectional doppler equipped with electronic probes for high sensitivity and low background noise.
- bidirectional graphic separation of flow (forward and reverse)
- LCD graphic display for real time display of forward and reverse flow in bidirectional or separate mode
- selectable amplitude scale: 1, 2, 4, 8 kHz during the test and before printing. Preset zero line
- 5 minutes (300 sec.) continuous and reviewable memorized test. Operator can select the most meaningful exam and print it.
- calculation of: heart rate, peak flow and mean flow
- simultaneous connection of high sensitivity probes
- internal rechargeable large capacity battery (Ni-Cd 1.8 Ah); the system can be operated during charging. Autonomy 8 hours
- footswitch for freezing or memorizing the graphs
- hardcopy may or may not include the parameter calculation
- printing time scale: 25 mm/s
- Hi-fi audio output for correct acoustic diagnosis

High definition thermal printer: 192 dots
Light, only 1.8 kg, and compact (24 x 23 x 8 cm)
33230
Probe selection
Main functions are available from footswitch or Key-pad

- **33240 GIMA BIDIRECTIONAL PROBE 4 MHz - spare for 33230**
- **33241 GIMA BIDIRECTIONAL PROBE 8 MHz - spare for 33230**
- **33250 THERMAL PAPER 58 mm x25m (pack of 5 rolls)**

## POCKET DOPPLER WITH INTERCHANGEABLE OR FIXED PROBES

**TECHNICAL SPECIFICATIONS**

**Ultrasound**
Frequency: 2, 5 or 8 MHz continuous wave
Transducer: 2 crystal narrow beam
Output power: <15mW/cm² SATA
Audio Response: 300Hz - 4 KHz
**Unit Controls**
Keys: 1 Key (for unit on/off)
Controls: rotary volume
Indicators: Yellow battery low LED

**Power supply**
Battery 9V Alkaline (not included)
Expected battery life: >9 hours
**Output**
Headset: Audio output to optional headset (not included)
Material: ABS / Noryl
Size - weight: 150 mm by 75 mm - 299 g
Classification: Class I Type B - IEC 60601-I

**GIMA POCKET DOPPLERS**

Small, lightweight, high sensitivity pocket Doppler. Its probes are ideal for use by a General Practitioner, vascular specialist for routine vascular examination in ER for vessel location, or by specialists in diabetes, urology and gynaecology. Vascular flow signals and FHR are easily located using the transducer while internal signal processing minimizes noise artefacts. The flow signal is also available to the user via the built-in loudspeaker with output level controlled by rotary volume control. 2 years warranty.

Supplied in a nice bag with probe, cable, gel tube and 7 languages user manual: GB, FR, DE, IT, ES, GR, PT.

| GIMA code | GIMA POCKET DOPPLERS |
|---|---|
| 33120 | DOPPLER V2005 with 5 MHz fixed vascular probe |
| 33121 | DOPPLER V2008 with 8 MHz fixed vascular probe |
| 33123 | DOPPLER V2000 (without probe) |
| 33126 | 2 MHz interchangeable probe - foetal for V2000 |
| 33127 | 5 MHz interchangeable probe - vascular for V2000 |
| 33128 | 8 MHz interchangeable probe - vascular for V2000 |
| 29511 | ON/OFF membrane switch spare for 33120/3 |

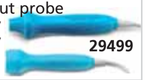
## SONOTRAX DOPPLERS

Large backlight LCD display (29493 only)
Up to 4 hours continuous use
Interchangeable waterproof probe
0123
29493

**TECHNICAL SPECIFICATIONS**

Size: 32x85x138 mm
Weight: 290 g (including battery)
Heart rate range: 50-210 bpm
Resolution: 1 bpm
LCD display: 45x25 mm (only code 29491-93)
Auto average and manual mode
Recording length: 480 s / 240 s
Auto power-off to save power
Manual: GB, IT - on request: DE, ES, FR, PT.

| GIMA code | DOPPLERS AND INTERCHANGEABLE PROBES - LATEX FREE |
|---|---|
| 29490 | SONOTRAX LITE DOPPLER - without probe - with bag |
| 29491 | SONOTRAX BASIC DOPPLER - with display - without probe - with carrying bag |
| 29493 | SONOTRAX PRO II DOPPLER with backlighted display built-in audio recorder and rechargeable batteries, battery charger, carrying bag, without probe |
| 29496 | 2MHz waterproof probe - gynaecology |
| 29497 | 3MHz waterproof probe - gynaecology |
| 29498 | 4MHz waterproof probe - vascular |
| 29499 | 8MHz waterproof probe - vascular |



## SONOLINE COLOUR DOPPLER

- **29480 COLOUR SCREEN POCKET DOPPLER**
- portable and lightweight
- built-in speaker
- TFT-LCD, real-time display of FHR
- three working modes: real-time FHR, average FHR and manual calculation
- display of FHR, bar graph and heartbeat waveform, red alarm for abnormal FHR
- low power consumption, continuously work for more than 8 hours with two "AA" batteries LR6 - 1.5 VDC
- indication for probe-off and low battery
- **29481 2 MHz WATERPROOF PROBE - gyn**
- **29482 3 MHz WATERPROOF PROBE - gyn**
- **29483 4 MHz WATERPROOF PROBE - vascular**
- **29484 8 MHz WATERPROOF PROBE - vascular**

**TECHNICAL SPECIFICATIONS**

| | | | |
|---|---|---|---|
| Ultrasound working frequency: | | 2 MHz ± 10% | |
| Fetal heart rate: | range: | 50-240 bpm | accuracy: ± 2 bpm |
| | resolution: | 1 bpm | |
| Alarm: | high limit: | 160 bpm | low limit: 120 bpm |
| Ultrasound intensity: | < 5 mm/cm² | | |
| Auto power off after 1 minute no signal | | | |
| Dimension - weight: | 135x92x29 mm - 245 g | | |

## MINDRAY DP-10 AND DP-20 DIGITAL ULTRASOUND SYSTEM

**DP-10 slim and smart**
Good image quality, easy to use and lightweight to take it anywhere. It combines fashionable design, diagnostic confidence and economy.
**DP-20 exceeds your expectations**
Smart portable B/W ultrasound system with advanced features
**Display modes and imaging processing:**
Broadband, multi-frequency imaging: B, B/B, 4B, B/M, M
**Imaging processing:**
- multi-frequency probes for 2D imaging modes -
- iClear: speckle reduction image
- THI (Tissue Harmonic Imaging) with convex probe 33976 only
- TSI (Tissue Specific Imaging)
- zoom function: spot zoom, pan zoom
- ExFOV (Extended field of view)

Extended view of the anatomical structure on all convex and linear probes allow to discover better diagnostic information.
- iTouch (Auto image optimization)

**User interface**
- alphanumeric QWERTY keyboard with backlight
- trackball: speed presettable
- 8-segment TGC
- user defined blank keys: shortcut for easy access to menus

**iStation™ intelligent workflow**
Intelligent patient data management system
- integrated search engine for patient data
- detailed patient information review
- intelligent data backup/restore
- patient data/image sending, data deleting (USB , DVD, DICOM)
- exam managing: activate exam

**Storage/review mode:**
- image archive on hard disk and USB mobile storage medium, temporary saving in cine memory, directly transfer report to PC
- 2 USB ports
- multiple image formats: BMP, JPG, DCM, FRM, AVI, DCM, CIN
- iVision: demo player
- Cine review: auto, manual (auto review segment can be set), supports linked cine review for 2D, M images
- Cine memory capacity (max.)
- clip length presettable: 1-60 s

B mode: 11959 frames M mode: 110.0 s
Supplied with GB, IT manual and CD manual (GB, FR, IT, ES, PT, DE, RU, BR).

| GIMA code | DIGITAL ULTRASONIC DIAGNOSTIC IMAGING SYSTEM |
|---|---|
| 33970 | MINDRAY DP-10 B/W system with 1-probe connector, 12.1" high resolution LED monitor, 2 USB port, 1 VGA OUT port, 1 video OUT, 1 S-Video OUT, software, without probe |
| 33971 | MINDRAY DP-20 portable B/W system with 1-probe connector, 12.1" high resolution LED monitor, 2 USB port, THI, iStation™, software package, without probe |
| | **PW DOPPLER** |
| 33969 | PW (Pulse Wave) doppler for probes 33976, 33977 |
| | **ACCESSORIES** |
| 33875 | Needle guided brackets for Linear probe (33977, 33983) |
| 33876 | Needle guided brackets for Micro-Convex probe (33979, 33984) |
| 33974 | Lithium-ion rechargeable battery for DP-20 |
| 33985 | Carrying bag for DP-10, DP-20, DP-30 |
| 33986 | UMT-110 mobile trolley for DP-10, DP-20, DP-30 |
| 33968 | SONY HYBRID GRAPHIC PRINTER X898 MD |

| PROBES DP-10 - DP-20 | | | FREQUENCY (MHz) | | ● Main application | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GIMA code | Mindray code | Scanning method | Main freq. | Probe band width | ABDOMINAL | OB / GYN | UROLOGY | SMALL PARTS | CARDIOLOGY | MSK | VASCULAR | PEDIATRIC | ORTHOPEDICS | INTRAOPERATIVE |
| 33976 | 35C50EB | Convex | 3.5 | 2.0 - 5.0 | ● | ● | ● | | | | | ● | | |
| 33977 | 75L38EB | Linear | 7.5 | 5.0 - 10.0 | ● | | | ● | | ● | ● | ● | ● | |
| 33978 | 65C15EA | Micro-convex | 6.5 | 5.0 - 8.5 | ● | | | | ● | | | ● | | |
| 33979 | 65EC10EB | Micro-convex | 6.5 | 5.0 - 8.5 | | ● | ● | | | | | | | |
| 33980 | 35C20EA | Micro-convex | 3.5 | 2.0 - 5.0 | ● | ● | ● | | | | | ● | | |
| 33983 | 75L53EA | Linear | 7.5 | 5.0 - 10.0 | ● | | | ● | | ● | ● | ● | | ● |

**iScanHelper function**
Dedicated inbuilt tutorial function to enhance ultrasound experience.
- wide selection of application specific exam planes
- anatomical illustrations
- standard ultrasound images
- scanning reference pictures
- tips on scanning and diagnosing

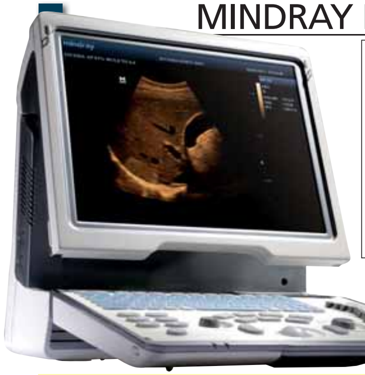
**Optional PW doppler for probes 33976 (Convex), 33977 (Linear)**
DP-10/20 support superb PW Doppler imaging to access blood flow in different clinical conditions.
With PW, doctors will be able to:
- differentiate non echoarea and blood vessels
- distinguish arteries and veins
- evaluate blood flow velocity for more comprehensive diagnosis
- Check the health of a fetus by blood flow evaluation of the umbilical cord

**Features**
Parameter adjustment: Gain, Sample volume size, Scale, Steer, Dynamic range, Wall filter, etc.
Measurement: Trace, HR, Velocity, PS/ED, PI, RI, etc.

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Dimension: | 16x29xh 35.4 cm (6.3"x11.4"xh 13.9") |
| Weight: | 5.1 kg |
| Display: | 12.1" LED, high-resolution 1024x768 |
| Display language: | DP-10, DP-20: GB, FR, DE, IT, ES, PT, RU, CZ, PL |
| Power: | AC100-240 V, 50-60 Hz<br>Rechargeable lithium-ion battery (DP-20 only) - on request |

# MINDRAY DP-50 DIGITAL ULTRASOUND DIAGNOSTIC SYSTEM



*Supplied with GB, IT manual and CD manual GB, IT, FR, DE, RU, ES, PT, BR.*

33973 + 33988

| TECHNICAL SPECIFICATIONS | |
|---|---|
| Display: | 15" LCD |
| Display language: | GB, FR, IT, ES, PT, RU, PL, CZ, TR, FI, DK, NO, SE, DE |
| Power: | AC 100-240 V - 50/60 Hz<br>rechargeable lithium-ion battery - on request |
| Size and weight: | 19x41.5xh 37.8 cm (7.5”x16.3”xh 14.9”); 7.7 kg (17 lb) |

**• 33973 MINDRAY DP-50 PORTABLE ULTRASOUND with 15" high resolution LCD monitor, 2 probe connectors, 320GB hard disk, 4 USB ports, multiple software package, without probes.**

**Imaging mode:** B, B/B, 4B, B/M, M

**Image processing technology:**
- Phase Shift Harmonic Imaging - Tissue Harmonic Imaging
- iBeam™ Spatial Compound Imaging
- iClear™ Adaptive Speckle Suppression Imaging
- iTouch™ Auto Optimization - Trapezoid imaging
- iZoom™ Automatically expand the image to full screen
- Slant scanning for linear probes (2D Steer)

**Wideband multifrequency probes:** continuously adjustable 2-14 MHz

**Intelligent Workflow/Storage/Review:**
- iStation™ Intelligent patient data management system
- 320 GB integrated hard disk for storage - 4 USB ports
- Cine memory capacity (Max.) B mode: 10566 frames
  M mode: 66.3 s

**• 33972 MINDRAY DP-50 PT PORTABLE ULTRASOUND PHYSIOTHERAPY PRESET with 15” high resolution LCD monitor, 2 probe connectors, 320GB hard disk, 4 USB ports, multiple software package, without probes.**

Same as 33973 but with real time ultrasound imaging (RTUI) for physiotherapy.

Dedicated Physiotherapy presets: pelvic/hip/lumbar spine/shoulder/elbow/wrist/knee/ankle/Achilles tendon/cervical spine. Dynamic tracking therapeutic effects with image comparison function. Optimal musculoskeletal image quality

# MINDRAY Z5 COLOUR DIAGNOSTIC ULTRASOUND SYSTEM

**• 33880 MINDRAY Z5 COLOUR PORTABLE ULTRASOUND with 15" high resolution LCD monitor, 2 probe connectors, 320GB hard disk, 4 USB ports, multiple software package, without probes.**

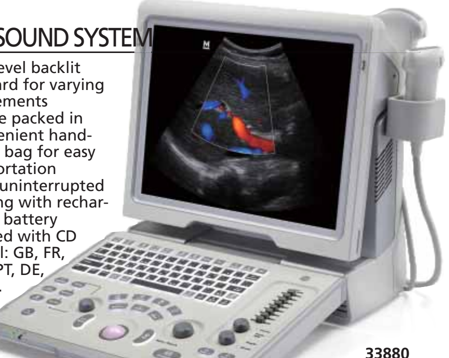
A colour doppler system that offers a rare combination of high performance and low cost. Superior image quality, affordability, versatility and mobility in a unique portable Doppler system:

**Versatility**
- scanning modes: B, Colour, PW, Power, M, FreeXros M
- image display modes: B, 2B, 4B, B/C, B/M, B/PW, Triplex PW
- applications: ABD/OB/GYN/CAR/SML/URO/VAS/ORTH/EM/NERVE
- transducer variety : Convex, Linear, Micro-convex, Endocavity
- extended scanning angle with ExFov function
- high frequency linear probe for superficial scanning

**Productivity**
- iTouch: quick image optimization with one-click
- iZoom: instant full screen zoom with one-click
- iStation: patient database review and analysis platform
- iStorage: direct data transfer to PC
- Clipboard: easy play, preview and sharing of cineloop
- Multiple image formats : BMP, JPG, DCM, AVI, DCM, CIN

**Mobility**
- compact and streamlined design weighing 7.7kg
- 15” LCD monitor with 30 degree tilt function
- dual universal transducer connectors
- two level backlit keyboard for varying requirements
- can be packed in a convenient hand-carried bag for easy transportation
- 1.5 h uninterrupted scanning with rechargeable battery

Supplied with CD manual: GB, FR, IT, ES, PT, DE, RU, BR.



33880

| TECHNICAL SPECIFICATIONS | |
|---|---|
| Display: | 15" LCD high resolution 1024x768 |
| Software display + keyboard input: | GB, FR, IT, ES, PT, RU, PL, CZ, DE |
| Keyboard input: | TR, FI, DK, NO, SE |
| Power: | AC 100-240 V - 50/60 Hz<br>rechargeable lithium-ion battery - on request |
| Size and weight: | 19x41.5xh 37.8 cm (7.5”x16.3”xh 14.9”); 8.8 kg (19.4 lb) |

# PROBES AND ACCESSORIES FOR DP-50 AND Z5

| GIMA code | ACCESSORIES for DP-50 and Z5 |
|---|---|
| 33875 | Needle guided brackets for Linear probe (33983) |
| 33876 | Needle guided brackets for Micro-Convex probe (33984) |
| 33975 | Lithium-ion rechargeable battery for DP-50 and Z5 |
| 33987 | Carrying bag for DP-50 and Z5 |
| 33988 | UMT-150 mobile trolley for DP-50 and Z5 |
| 33968 | SONY PRINTER UP-X898 MD FOR DP-50 |
| 33993 | SONY COLOUR PRINTER UP-25 MD FOR Z5 |

| PROBES DP-50 and Z5 | | | FREQUENCY (MHz) | | ● Main application | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GIMA code | Mindray code | Scanning method | Main freq. | Probe band width | ABDOMINAL | OB / GYN | UROLOGY | SMALL PARTS | CARDIOLOGY | MSK | VASCULAR | PEDIATRIC | PROSTATE | ORTHOPEDIC |
| 33982 | 35C50EA | Convex | 3.5 | 2.0 - 5.0 | ● | ● | ● | | | | | | | |
| 33983 | 75L53EA | Linear | 7.5 | 5.0 - 10.0 | ● | | | ● | | ● | ● | ● | | |
| 33978* | 65C15EA | Micro-convex | 6.5 | 5.0 - 8.5 | ● | | | | ● | | | ● | | |
| 33984* | 65EC10EA | Micro-convex | 6.5 | 5.0 - 8.5 | | ● | | | | | | | ● | |
| 33990* | 10L24EA | Linear array | 10.0 | 8.0 - 14 | | ● | | ● | | ● | ● | ● | | |
| 34004 | 75L38EA | Linear | 7.5 | 5.0 - 10.0 | | | | ● | | ● | ● | | | ● |

*not for DP-50PT

33987

33982

33983

34004

33978

33984

33990

*Trolley size: 44,5x53,5x h 81 or 87 cm*

*Height selectable (2 levels) when installing*

33988

# CHISON ECO1 AND ECO3EXP. DIGITAL ULTRASOUND SYSTEMS

*Adjustable monitor with 30° rotation*

ECO1

**ECO3EXP.**
*With PW (pulse doppler)*

| GIMA code | DIGITAL ULTRASOUND B&W DIAGNOSTIC IMAGING SYSTEM |
|---|---|
| 33863 | CHISON ECO1 with 1 probe connector without probe |
| 33864 | CHISON ECO3EXP. with 2 probe connectors without probe |

| STANDARD PACKAGE | ECO1 | ECO3EXP. | ECO5 |
|---|---|---|---|
| 12” high resolution LED monitor - B&W | ● | ● | |
| 12” high resolution LED monitor - colour | | | ● |
| 8G memory card | ● | ● | ● |
| Hot Key | ● | ● | ● |
| PC printer connection | ● | ● | ● |
| 3 USB port | ● | ● | ● |
| 1 ethernet port | ● | ● | ● |
| 1 video out port, 1 VGA out port | ● | ● | ● |
| 1 footswitch port | ● | ● | ● |
| Full screen display | ● | ● | ● |
| 2.5 hours rechargeable lithium-ion battery | optional | ● | ● |
| Power adaptor | ● | ● | ● |
| Standard software package | ● | ● | ● |
| Easy View image archive system | ● | ● | ● |
| THI | ● | ● | ● |
| PW (doppler function to detect blood flow speed) | | ● | ● |

| TECHNICAL SPECIFICATIONS | |
|---|---|
| Dimension and weight: | 33.5x15.5xh 35 cm (13.2"x6.1"xh 13.8"); 6 kg |
| Display: | 12" LED, high resolution 1024x768 |
| Power: | AC 100-240 V - 50/60 Hz<br>rechargeable lithium-ion battery (ECO1 option, ECO3EXP. standard) |

| | LANGUAGE - switchable by user | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | GB | IT | FR | ES | DE | CZ | TR | CN | RU |
| Software | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| User manual | ● | ● | | | | | | ● | |

**ECO1 Premium Design, Surprising Price**

**ECO3EXP. Premium Black&White Model with Doppler,**
- ultra-compact and ultra-light weight, easy to carry
- latest LED screen technology, super bright images allow to easily view scan even outdoor.
- ergonomic monitor design, 30 degree rotation, adjustable.
- ultra-long battery life up to 2.5 hours, for outdoor scanning
- one-key to enlarge image to full screen, easy to view from distance
- streamlined workflow, easy to operate, 6-one-key to finish the cycle of diagnosis.

**Display modes and imaging processing**

B, B/B, 4B, M, B/M, PW (ECO3EXP. only) multi-frequency imaging

**Imaging processing**
- compound Imaging
- i-image intelligent image optimization
- THI (Tissue Harmonic Imaging)
- SRA (Speckle Reduction Algorithm)
- full digital beam-former
- full screen display
- trapezoidal
- automatic PW trace (ECO3EXP. only)
- Chroma
- AIO (Automatic Image Optimization)

**User interface**
- fold-up control panel and alphanumeric keyboard
- back-lit keyboard for good visibility in dark room
- interactive back-lighting
- indicator lights identify activated keys
- 8 TGC slides for easy adjustment
- short cut knob for quick adjustment (hot key user- defined)
- neat and clear keyboard layout, doctor can remember easily
- user defined preset

**Streamlined workflow,** one key to:
- select desired application with automatic preset
- optimize the image automatically (AIO) - Make report
- save still image and CINE loop - Measure
- print to PC printer* (laser or inkjet) or video printer

*See list of compatible printers on our websites

**EASYVIEW™ Archive system**
- image archive on hard disk and USB mobile storage
- 3 USB ports
- multiple image formats: BMP, JPG, DCM, CIN, AVI
- cine review: auto, manual (auto review segment can be set) for 2D, M, PW (ECO3EXP. only) images
- cine memory capacity (256 frames/10s)

# CHISON ECO5 COLOUR DOPPLER DIGITAL ULTRASOUND SYSTEM

ECO5

**• 33865 CHISON ECO5 Colour Doppler 12” high resolution color LED monitor, 8G high speed memory, 3 USB ports, 2 probe connectors, EASYVIEW™ archive system, without probe**

**Imaging model: B, B/B, 4B, B/M, M, CFM, PW**

**Imaging processing:**
- MCI (Multiple Compound Imaging) - trapezoidal
- i-image intelligent image optimization - automatic PW trace
- THI (Tissue Harmonic Imaging) - Chroma
- SRA (Speckle Reduction Algorithm) - full screen display model
- full digital beam-former - AIO (Automatic Image Optimization)

**Other specifications** as ECO3EXP.

| TECHNICAL SPECIFICATIONS | |
|---|---|
| Dimension and weight: | 33.5x15.5xh 35 cm(13.2”x6.1”xh 13.8”); 6.5kg |
| Display: | 12” LED, high-resolution colour 1024x768 |
| Power: | AC 100-240 V, 50-60 Hz<br>Rechargeable lithium-ion battery |

# PROBES AND ACCESSORIES FOR CHISON ECO SERIES

| PROBES ECO1 - 3 - 5 | | | FREQUENCY(MHz) | | ● Main application | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GIMA code | CHISON code | Scanning method | Main freq. | Probe band width | ABDOMINAL | OB&GYN | UROLOGY | SMALL PARTS | BASIC CARDIOL | MSK | VASCULAR | PEDIATRIC | ORTHOPAED. |
| 33998 | C3-A | Convex | 3.5 | 2.5 - 5.0 | ● | ● | ● | | | | | ● | |
| 33999 | L7M-A | Linear** | 7.5 | 5.3 - 10.0 | | | | ● | | ● | ● | ● | ● |
| 33871 | L7S-A | Linear*** | 9.0 | 5.3 - 11.0 | | | | ● | | ● | ● | ● | ● |
| 33872 | V6-A | Trans-vaginal | 6.0 | 4.5 - 8.0 | | ● | ● | | | | | | |
| 33997 | MC6-A | Micro-convex | 6.0 | 4.5 - 8.0 | ● | | | | | | | ● | |
| 33873* | R7-A | Trans-rectal | 7.5 | 5.0 - 10.0 | | | ● | | | | | | |
| 33874 | MC3-A | Micro-convex | 3.0 | 2.5 - 5.0 | ● | | | ● | ● | | | | |

*For ECO3EXP. and ECO5 only **With 40 mm footprint, general linear probe
***With 30 mm footprint for superficial tissue exams with higher resolution

| GIMA code | ECO SERIES ACCESSORIES |
|---|---|
| 33869 | Rechargeable lithium-ion battery BT-2500 (2.5 hours) |
| 33867 | ECO trolley TR-9000 |
| 33868 | Carrying bag |
| 33866 | Needle guided brackets - specify for which probe (for 33998-9, 33872-4 only) |
| | PRINTERS |
| 33968 | SONY UP-X898 MD B&W printer (for ECO1 and ECO3EXP.) |
| 33993 | SONY UP25MD colour printer(for ECO5) |

33865 + 33867

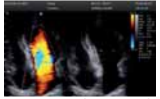
## CHISON QBit5 AND i8 ECOCOLOURDOPPLERS

Hepatic vein, C mode

Fetal face, virtual HD

**• 33877 QBit5 ECOCOLOURDOPPLER - 15" flat high resolution LED monitor. Supplied with 2 probe connectors and 1 parking probe connector, trolley, keyboard, large image storage: 32 GB HardDisk, 6 USB ports, VGA format, without probes.**
Affordable and reliable colour doppler with advanced technologies: compound imaging, quad beam former imaging, Q-image, Q-flow, X-contrast providing superb images. The Streamlined workflow and ergonomic outlook design improve work efficiency.

**Imaging modes:** - Power Doppler / Directional PD - B/BC
- CFM - PW mode - CW mode - full screen - duplex, triplex
- chroma B/M/PW/CW - B, 2B, 4B, B/M, M
- trapezoidal on linear probe



Four chambers view, B/BC mode

**Image processing technology:**
- Speckle Reduction Algorithm (SRA)
- direct print to PC or video printer
- automatic image optimizaton (AIO)
- fusion harmonic imaging (FHI)

**Special radiology function:** 2D steer and super needle (optional)

**Phased array probe and package**
Phased array probe functions include CW, TDI, ECG, Colour M and complete calculation packages including PISA/Dp/Dt

| | | PROBES | FREQUENCY (MHz) | | | ● Main application | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GIMA code for QBit5 | GIMA code for i8 | Scanning Method | Main freq. | Probe band width QBit5 | Probe band width i8 | ABDOMINAL | OB/GYN | UROLOGY | SMALL PARTS | CARDIOLOGY | TCD | PROCTOLOGY | PEDIATRICS | VESSELS |
| 33953 | 33953 | CONVEX | 3.5 | 2-6.8 | 2.5-5.3 | ● | ● | ● | | | | | | |
| 33955 | 33955 | LINEAR | 7.5 | 4-15 | 5-10 | | | | ● | | | | | ● |
| 33956 | 33956 | MICRO-CONVEX (TRANSVAGINAL) | 6.0 | 4-12 | 4-10.7 | | ● | | | | | | | |
| 33964 | 33964 | MICRO CONVEX (BASIC CARDIAC) | 3.0 | 2-6.8 | 2.5-6.4 | | | | | ● | | | ● | |
| - | 33963 | CARDIAC (PHASED ARRAY) | 3.0 | - | 2.5-4 | | | | | ● | | | | |
| 33879 | - | CARDIAC (PHASED ARRAY) | 3.0 | 1.5-5.3 | - | | | | | ● | ● | | | |
| 33958 | 33958 | PEDIATRIC | 5.0 | 4-10.7 | 3.5-8 | | | | | | | | ● | |
| - | 33959* | 4D CONVEX | 4.5 | - | 2.2-6.4 | ● | ● | | | | | | | |

*Spare for 33966

**• 33965 i8 ECOCOLOURDOPPLER - 19" flat high resolution monitor**
**Supplied with 4 probe connector, trolley, keyboard, large image storage: 500 GB HardDisk, 6 USB port, DVD-RW, VGA format, I-image, Cardiac Package, without probes.**
Digital colour Doppler System with professional features:
**I-IMAGE** improves image quality and offers ECG Intelligent I-image optimization.

**Imaging mode:**
- B, 2B, 4B, B/M, M
- CFM, Power doppler, Directional PD - B/BC mode
- PW mode, CW mode (with cardiac probe) - panoramic
- instant triplex, duplex, quadplex
- trapezoidal on linear probe - chroma B/M/PW/CW

**Image processing technology:**
- Tissue Harmonic Imaging (THI) on all probes
- Speckle Reduction Algorithm (SRA)
- Multiple Compound Imaging (MCI)

**Wideband multifrequency probes**
Continuously adjustable, 2.5-12 MHz
Operating voltage: 100-240 V, 50-60 Hz

**Cardiac Package (colour M, CW, steering M, ECG, TDI, IMT)**

**• 33966 i8 ECOCOLOURDOPPLER+4D PROBE AND PACKAGE**
Same as 33965 but with 4D real time imaging composed of 3D pictures with addition of live motion and probe 4D convex (33959).

**• 33993 SONY UP - 25 MD COLOUR PRINTER A6** for i3, i8, QBit5

**• 33968 SONY UP-X898 B/W PRINTER** for i3, i8, QBit5

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## CHISON 600M PORTABLE ULTRASOUND

Lightweight: only 7 kg (size: 42x27x25 cm)

**• 33930 CHISON 600M PORTABLE ULTRASOUND 10" SVGA monitor with two probe connectors, 256 frames cine memory, USB port, VGA port, without probes**
- zooming and measurement functions (max scanning depth: 252 mm)
- wide applications: GYN, urology, abdominal, small parts
- 4-steps sweep speeds for cardiac study: 2s, 4s, 6s, 8s
- 4-steps zoom with depth control: x0.8, x1.0, x1.5, x2.0
- various measurements: distance, circumference, area, volume
- full Ob/Gyn software included: 7 EDD tables (BPD, GS, FL, AD, HC, AC, CRL), G.A. (fetal age) from 4-43 weeks
- fetal weight, fetal heart rate measurement
- imaging reversing: up/down, left/right, positive/negative
- power supply: 110-230 V, 50-60 Hz

**• 33968 SONY PRINTER UP-X898 MD • 33901 TROLLEY FOR 33930**

| | PROBES | | FREQUENCY (MHZ) | | ● Main application<br>❍ Alternative application | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| GIMA code | Outlook | Scanning Method | Main freq. | 4-Step Multi-frequency | ABDOMINAL | OB/GYN | UROLOGY | SMALL PARTS | BREAST | VESSELS |
| 33932 | | CONVEX | 3.5 | 2.5/3.5/4.0/5.0 | ● | ● | ● | | | |
| 33933 | | LINEAR | 7.5 | 5.0/6.0/7.5/9.0 | | | | ● | ❍ | ● |

## SONOTOUCH™ 10.4" TOUCH ULTRASOUND COLOUR DOPPLER

**• 33919 SONOTOUCH™ 30 - colour doppler with built-in probe connector, 10" high contrast LED monitor, 16 G memory, 3 USB port, video, LAN port, without probe.**
Lightweight, portable, small size, touchscreen ultrasound devices.
Main features:
- display mode: B, B/B, 4B, B/M, M, Colour and PW mode. In the M or B/M mode, 4 steps sweep speeds.
- multi-step display magnification, depth enhancement
- setting adjustment of total gain, and 8 segments of TGC slides for selection and adjustment
- multifocal firing focus, edge enhancement, frame averaging, compound
- image freezing and storage function, built-in 16 GB high-speed memory and external USB memory disk can be connected to the system for mass storage through USB port. Stored images can be retrieved for analysis.
- 256 frames of real-time images can be stored in Cine-memory
- probe scanning direction can be changed and the image can be reversed in left/right, up/down direction
- measurements of distance, area, circumference, volume, OB etc. Automatic calculation of OB and cardiology. Direct display of gestation age, expected date of child delivery and direct measure of heart rate
- real-time clock displays date and time automatically
- display of body marks with corresponding probe position indication
- annotation function in image area of the screen. Special annotation terms for different exam-mode can be added according to user's requirement
- built-in rechargeable lithium Ion battery. Life up to 2.5 hours
- full touch screen display

Button free screen and waterproof front panel
Select your applications from visual icons
Refine the image with easy, touch driven TGC, focus and depth
SonoTouch

Take measure with your fingers, no trackball (accuracy 1 mm)

Adjustable angle stand converts into carrying handle

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| | PROBES | FREQUENCY (MHz) | | ● Main application | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| GIMA code | Scanning Method | Main freq. | Probe band width | ABDOMINAL | OB/GYN | UROLOGY | CARDIOLOGY | VASCULAR | SMALL PARTS | MSK | PAEDIATRIC |
| 33922 | CONVEX | 3.5 | 2.5 - 5.0 | ● | ● | ● | | | | | |
| 33923 | LINEAR | 7.5 | 5.0 - 10.0 | | | | | ● | ● | ● | |
| 33924 | MICRO-CONVEX | 3.0 | 2.5 - 5.0 | ● | ● | | ● | | | | |
| 33926 | TRANSVAGINAL | 6.0 | 4.0 - 7.5 | | ● | ● | | | | | |
| 33927 | MICRO-CONVEX | 6.0 | 4.0 - 8.0 | | | | | | | | ● |

## CHISON Q5, Q9 AND Q9 4D PORTABLE COLOURDOPPLER

**• 33950 CHISON Q5 COLOURDOPPLER with 2 probe connector, 15" high resolution monitor, 500 GB hardisk, 2 USB port, LAN port, Video, TV, VGA out, I-Image, without probe.**
Portable digital colourdoppler with high professional features:

**Imaging mode:** - Instant Triplex, Duplex
- B, 2B, 4B, B/M, M - Power Doppler / Directional PD
- CFM - Trapezoidal
- PW mode - Chroma B/PW

**Image processing technology:**
- Multi-beam former technology
- I-image™: image optimization technology
- THI
- Speckle reduction algorithm (SRA)
- Multiple compound imaging (MCI)

Operating voltage: 110-240 V, 50-60 Hz. Manual: GB, IT, on request FR.

**• 33952 CHISON Q9 COLOURDOPPLER**
Same as Q5 but with TDI quantitative cardiac dialysis, THI on all probes, double phase digital beam, DPDBF, IMT calculation, needle enhancement, 500 GB hard disk, quadplex, Cardiac Package. Suitable for cardiac use.
**Cardiac Package** (ECG software, CW, Free Steering M, colour M, TDI) included.

**• 33951 CHISON Q9+4D COLOURDOPPLER**
Same as Q9 but with 4D real time imaging.

**• 33901 TROLLEY FOR Q5, Q8, Q9**

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| | | PROBES | FREQUENCY (MHz) | | ● Main application | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GIMA code for Q5 | GIMA code for Q9 | Scanning Method | Main freq. | Probe band width | ABDOMINAL | OB/GYN | UROLOGY | SMALL PARTS | ENDOCAVITY | CARDIOLOGY | PEDIATRICS | VESSELS |
| 33954 | 33954 | CONVEX | 3.5 | 2.5 - 5.3 | ● | ● | ● | | | | | |
| 33955 | 33955 | LINEAR | 7.5 | 5.0 - 12.0 | | | | ● | | | | ● |
| 33956 | 33956 | TRANSVAGINAL (MICRO-CONVEX) | 6.0 | 4.0 - 12.0 | | ● | ● | | ● | | | |
| - | 33957 | CARDIAC (PHASED ARRAY) | 3.0 | 2.5 - 5.0 | | | | | | ● | | |
| 33958 | 33958 | PEDIATRIC | 5.0 | 3.5 - 9.6 | | | | | | | ● | |
| 33959 | 33959 | 4D CONVEX | 4.0 | 2 - 6.8 | ● | ● | | | | | | |

*For probes purchased separately from ultrasound it is necessary to supply the serial number of the device*

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# GIMA VITAL SIGNS MONITORS

"Vital Signs" is a line of small multi-parameter patient monitors, which can monitor the vital physiological parameters: non-invasive blood pressure (NIBP), pulse oxygen saturation ($SpO_2$), electrocardiogram (ECG) and temperature (TEMP).

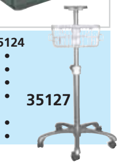
CE 0476

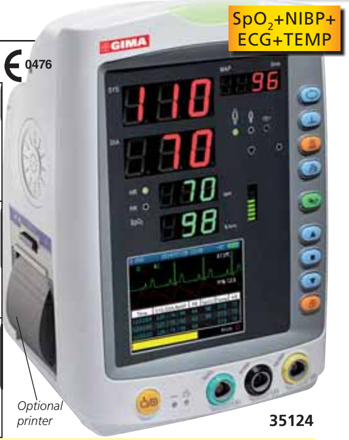
Features:
- small size, clear and bright display (14x17 cm) for remote view
- up to 12,000 groups of NIBP measurements can be stored and listed
- up to 96 hours of $SpO_2$ and HR trend curve can be displayed
- built-in rechargeable battery, 2 hours use (35120-2) or 3 hours (35124)
- USB port (35124 only)
- optional built-in thermal printer

| GIMA code | MONITOR | $SpO_2$ | NIBP | ECG | TEMP |
|---|---|---|---|---|---|
| **35120** | VITAL-S | • | | | |
| **35121** | VITAL-SNT | • | • | | • |
| **35122** | VITAL-SNET | • | • | • | • |
| **35124** | VITAL PRO-SNET | • | • | • | • |
| **35125** | Printer*- optional | | | | |
| **35141** | Paper 5.1 cm x 12 m - box of 5 | | | | |
| **35126** | Lead acid re-chargeable battery - spare for 35120-2 | | | | |
| **35129** | Lithium re-chargeable battery - spare for 35124 | | | | |
| **35135** | Adult $SpO_2$ probe - spare | | | | |
| **35136** | Pediatric $SpO_2$ probe | | | | |
| **35137** | ECG cable - spare | | | | |
| **35140** | NIBP cuff - 10-19 cm - pediatric | | | | |
| **35142** | NIBP cuff - 18-26 cm - pediatric XL | | | | |
| **35139** | NIBP cuff - 21-35 cm - adult | | | | |
| **35143** | NIBP cuff - 27-42 cm - adult XL | | | | |
| **35127** | Trolley - adjustable 73 to 113 cm | | | | |
| **35128** | Rail clamp | | | | |

** Installation done by Gima if ordered with monitor. Need service if ordered later.*

| STANDARD ACCESSORIES | 35120 | 35121 | 35122 | 35124 |
|---|---|---|---|---|
| - Adult $SpO_2$ probe | • | • | • | • |
| - NIBP adult cuff | | • | • | • |
| - Temperature probe - skin type | | • | • | • |
| - ECG cable + 10 ECG electrodes | | | • | • |
| - Lead acid battery | • | • | • | |
| - Lithium battery | | | | • |
| - Manual (English) | • | • | • | • |





**TECHNICAL SPECIFICATIONS**

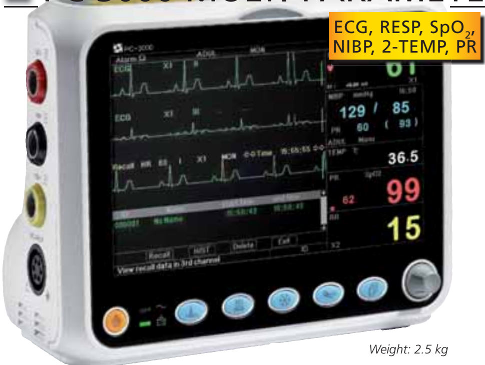
**NIBP**
Technology: Oscillometric method
Standard measurement range:
Systolic: Adult: 50 - 240 mmHg
Diastolic: Adult: 15 - 180 mmHg
MAP: Adult: 25 - 200 mmHg
Measurement mode: Manual, Auto, STAT

**$SpO_2$**
$SpO_2$ measurement range: 0 - 99%
$SpO_2$ measurement accuracy:
75 - 99% ±2%
50 - 74% ±3%
Low perfusion performance: 0.4%
Pulse rate measurement range:
30bpm~240bpm
Pulse rate measurement accuracy:
± 2 bpm or 2% whichever is greater
Size: 18.5 x 18 x h 29 cm Weight: 2.4 kg

**ECG and TEMP**
Heart rate range: 20 - 300 bpm
TEMP measurement range: 25 - 45 °C
Accuracy: ±2 bpm or 1% whichever is greater (ECG) ±0.2 °C (TEMP)

**Power**
AC power supply: 100 - 250V, 50/60 Hz
Internal power supply: 12 VDC (rechargeable)
Battery:
12V 2,3AH (lead-acid battery) (35120-2)
11.1 V, 4,400 mAh liuthium battery (35124)

# PC-3000 MULTI-PARAMETER PATIENT MONITOR



*Weight: 2.5 kg*

**• 35134 PC 3000 MULTI-PARAMETER PATIENT MONITOR**
- 7'' high resolution colour TFT display, 5-channel waveform display
- standard parameters: ECG, RESP, $SpO_2$, NIBP, 2-TEMP, PR; Arrhythmia analysis and ST segment analysis
- up to 12,000 groups parameter data & 60-hour ECG waveform storage and recall
- 1,000-hour graphic and tabular trends for all parameters
- 7-channel ECG simultaneous waveforms display
- protection against interference from defibrillator, electrosurgical knife
- adult / pediatric measurement modes
- visual and audible alarms; networking capability
- carrying handle with bed-hooks

Internal software: GB, IT. On request: FR, ES, PT, PL, CZ, TR, CN.

**STANDARD ACCESSORIES**
1 ECG cable
1 $SpO_2$ probe
1 AC power Adapter
1 NIBP cuff
1 Li-ion battery
1 Power cable
10 Disposable electrodes
1 Body surface temperature transducer
User manual

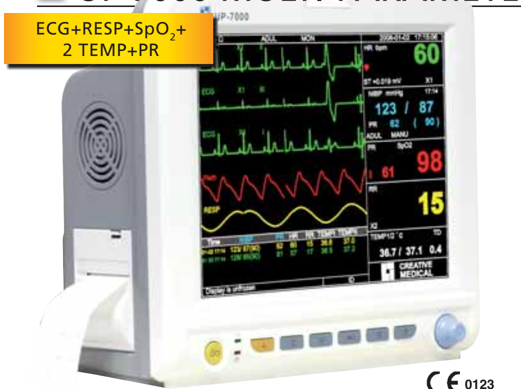
| GIMA code | ACCESSORIES - SPARES |
|---|---|
| **35135** | Adult $SpO_2$ probe - spare |
| **35136** | Pediatric $SpO_2$ probe |
| **35137** | ECG cable - spare |
| **35138** | Li-ion battery - spare |
| **35140** | NIBP cuff - arm circumf. 10-19 cm - pediatric |
| **35142** | NIBP cuff - arm circumf. 18-26 cm - pediatric XL |
| **35139** | NIBP cuff - arm circumf. 21-35 cm - adult - spare |
| **35143** | NIBP cuff - arm circumf. 27-42 cm - adult XL |

**TECHNICAL SPECIFICATIONS**

| | | |
|---|---|---|
| **NIBP Monitoring** | | |
| Measuring method: | Automatic measurement by oscillating method | |
| Initial cuff inflation pressure: | Adult mode: <180mmHg | infant mode: <120mmHg |
| Overpressure protection limit: | Adult mode: 300mmHg | Infant mode: 240 mmHg |
| **Measuring range** | | |
| Systolic pressure: | Adult: 40-225 mmHg | Infant: 40-200 mmHg |
| Diastolic pressure: | Adult: 20-215 mmHg | Infant: 20-165 mmHg |
| Mean arterial pressure: | Adult: 10-195 mmHg | Infant: 10-150 mmHg |
| Measurement accuracy: | Systolic ±10% | Diastolic ±10% MAP ±10% |
| Measurement mode: | Manual, Auto, STAT | |
| Automatic measuring: | 1-240min | |
| **TEMP Monitoring** | | |
| Measuring range, accuracy: | 25.0 - 45.0 °C, ±0.2°C | |
| **$SpO_2$ & Pulse Rate Monitoring** | | |
| Transducer: | dual-wave length LED | |
| $SpO_2$ measuring range: | 35%-100% | |
| Low perfusion capability: | 0.4%-5% | |
| $SpO_2$ display accuracy: | 70%-100% ±3% | |
| PR measuring range: | 30bpm-250bpm | |
| PR measuring accuracy: | ±2bpm | |
| **ECG Monitoring** | | |
| Heart rate measurement: | ±0.4 mVp - ±5 mVp | |
| Heart rate display range: | 20 - 250bpm | |
| Display accuracy*: | ±1% or ± 2 bpm, whichever is greater | |
| Heart rate alarm delay time: | ≤10s | |
| Sensitivity selection: | Auto, ×1/2, ×1, ×2, ×4 | tolerance: ≤5% |
| Sweeping speed: | 12.5 mm/s, 25 mm/s, 50 mm/s | tolerance: ≤10% |
| Common-mode rejection ratio: | ≥89 dB | |
| Frequency response: | Monitoring mode: 0.5 - 40 Hz<br>Diagnostic mode: 0.05 - 75 Hz | |
| **RESP Monitoring** | | |
| Monitoring range, accuracy: | 0 - 120 rpm, ±5% or 2 rpm, whichever is greater | |
| RESP alarm range: | 0 - 100 bpm ±10% | |
| **Other Technical Specifications** | | |
| Power supply: | 100 - 250 Vac, 50/60 Hz <80 VA | |
| Networking port: | serial/Net port | |

*Wide option of screen views available*

# UP 7000 MULTI-PARAMETER PATIENT MONITOR



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FDA

**• 35145 MULTI-PARAMETER PATIENT MONITOR**
**ECG, RESP, $SpO_2$, 2 TEMP, PR**
- 12.1'' high resolution colour TFT display
- 3 channel ECG amplification
- arrhythmia analysis and ST segment analysis
- up to 800 groups parameter data & 24-hour ECG waveform storage and recall
- 480-hour graphic and tabular trends for all parameters
- 7 trace ECG waveforms simultaneous display
- protection against interference from defibrillator
- adult/pediatric measurement modes
- visual and audible alarms
- built-in rechargeable battery
- built-in thermal printer
- multilanguage internal software: GB, FR, IT, ES, PT, PL, CZ, TR, RU, CN

| GIMA code | ACCESSORIES AND SPARES |
|---|---|
| **35135** | Adult $SpO_2$ probe |
| **35136** | Pediatric $SpO_2$ probe |
| **35137** | ECG cable |
| **35140** | NIBP cuff - arm circumf. 10-19 cm - pediatric |
| **35142** | NIBP cuff - arm circumf. 18-26 cm - pediatric XL |
| **35139** | NIBP cuff - arm circumf. 21-35 cm - adult |
| **35143** | NIBP cuff - arm circumf. 27-42 cm - adult XL |
| **35126** | Lead acid rechargeable battery - spare |
| **35141** | Paper 5.1 cm x 12 m - box of 5 |
| **35150** | Trolley - adjustable 73 to 113 cm |

**STANDARD ACCESSORIES**
- Adult $SpO_2$ probe
- NIBP adult cuff
- Temperature probe - skin
- Temperature probe - rectal
- Re-chargeable battery
- Printer
- Power supply cable
- ECG cable 5 leads (RA - LA - LL - PL - C)
- Disposable electrode
- Dust-protective mantle
- Manual (GB, IT)

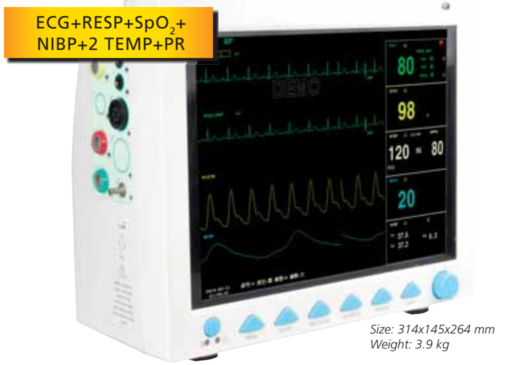
**TECHNICAL SPECIFICATIONS**

**NIBP Monitoring**
Measuring method: Oscillometric

| Measuring range: | Systolic pressure: | Diastolic pressure: | Mean arterial pressure: |
|---|---|---|---|
| adult: | 40~255mmHg | 10~220mmHg | 20~215mmHg |
| pediatric: | 40~200mmHg | 10~110mmHg | 20~165mmHg |

| | |
|---|---|
| **TEMP Monitoring** | |
| Measuring range: | 25.0°C~45.0°C ±0.2°C |
| Response time: | ≤ 150 sec |
| **$SpO_2$ & Pulse Rate Monitoring** | |
| $SpO_2$ measuring range: | 35%~100% |
| PR measuring range: | 30bpm~240bpm ±2bpm |
| **ECG Monitoring** | |
| Heart rate measurement: | ±0.4mVp~±5mVp |
| Heart rate display range: | 20bpm~250bpm |
| **RESP Monitoring** | |
| Measuring method: | Thoracic impedance |
| Monitoring range: | 0rpm~120rpm, |
| Monitoring accuracy: | ±5% or ±2rpm whichever is greater |
| **Other Technical Specifications** | |
| Power supply: | 100~250Vac, 50/60Hz |
| Power consumption: | <80 VA |
| Display mode: | 12.1 inches TFT color LCD |
| Alarming mode: | Audible-visual alarm |
| Networking port: | Ethernet port |
| Size - weight: | 29x31.5x15 cm - 3.9 kg |

# CMS 8000 CONTEC PATIENT MONITOR



*Size: 314x145x264 mm*
*Weight: 3.9 kg*

**• 35151 CMS 8000 PATIENT MONITOR**
**ECG, RESP, $SpO_2$, PR, NIBP, DUAL CHANNEL TEMP**
- 12.1'' TFT colour LCD display
- multilanguage interface (GB, IT, FR, DE, ES, PT, NL, PL, CZ, TR, RO, RU)
- adult/pediatric/neonate measurement modes
- 8 channel waveform synchronous display
- 7 lead ECG waveform on one screen
- anti-motion, anti-ambient light interference digital $SpO_2$ technology
- AC/DC rechargeable lithium battery
- manual/AUTO/continuous NIBP measurement mode
- standard/OXY- graph/Trend-graph/big characters and view bed interfaces

| GIMA code | ACCESSORIES AND SPARES |
|---|---|
| **35149** | Adult $SpO_2$ probe - 3 m cable - spare |
| **35107** | Neonate $SpO_2$ probe <3 kg - reusable |
| **35108** | $SpO_2$ extension cable |
| **35113** | Pediatric NIBP cuff 18-26 cm |
| **35114** | Adult NIBP cuff 25-35 cm |
| **35115** | Adult large NIBP cuff 33-47 cm |
| **35116** | Thigh NIBP cuff 46-66 cm |
| **35154** | Rectal temp probe - optional |
| **35155** | Skin temp probe - spare |
| **35156** | ECG cable - spare |
| **35157** | Printer - optional |
| **35158** | Trolley |
| **35159** | Rechargeable lithium battery - spare |
| **32968** | Printer paper roll 50 mm x 20 m |

*Adjustable height 104-130 cm*

**STANDARD ACCESSORIES**
- Adult $SpO_2$ probe
- NIBP adult cuff
- NIBP extension tube
- Temperature probe - skin
- Rechargeable lithium battery
- ECG cable
- power supply cable
- manual (GB, IT, ES) on request (PT, TR)
- ECG electrodes

**TECHNICAL SPECIFICATIONS**

**ECG**
5-lead, dual channel, 3-lead, single channel
Scan speed: 12.5 mm/s, 50 mm/s
ST segment monitoring
Measurement and alarm range: -2.0 mV ±2.0 mV

**RESP**
Method: R-F (RA-LL) impedance
Measurement and alarm range: 0-150 rpm
Apnea alarm: 10-40 sec

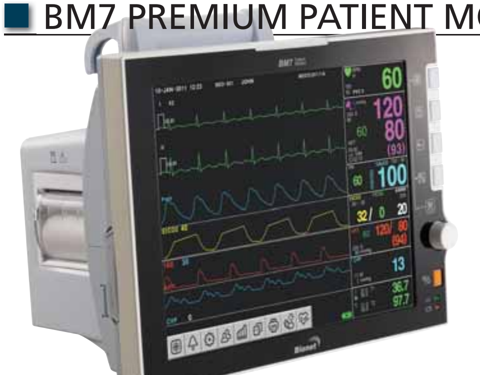
**NIBP**
Method: oscillometry
Mode: manual/AUTO/continuous
Measurement interval in AUTO mode: 1/2/3/4/5/10/15/30/60/90/120/240/480/960 min
Measurement period in CONT mode: 5 min
Measurement alarm: 10-270 mmHg

**$SpO_2$**
Measurement and alarm range: 0-100%
Measurement accuracy: 70-100% ±2%

**PR**
Measurement and alarm range: 30-250 bpm

**TEMP**
Channel: dual channel
Measurement and alarm range: 0-50 °C
Power supply: 110-240 V - 50/60 Hz
Safety classification: Classe I type CF
Defibrillation-proof applied part

# BM7 PREMIUM PATIENT MONITOR FOR INTENSIVE CARE



**• 33774 BM7 MONITOR 12.1" touch screen LCD display - 7 channels**
Premium patient monitor for intensive care.

**Superior features:**
- touch screen operation display
- individual sweep speed setting for each parameter
- 168 full hours of trend data storage
- 4-split large multiple display modes
- oxy/CRG
- drug calculation
- screen freeze ON-OFF
- ST level analysis histogram

**High performances:**
- ECG, $SpO_2$, NIBP, Respiration, 2 Temp, 2 IBP
- Sidestream $EtCO_2$ - optional
- 13 Arrhythmia analysis modes
- high performance **Suntech NIBP**
- Li-ion battery with longer life time (1.5 hrs continuous operation)
- possibility to connect to BM central monitoring system see page 291

**• 33725 CART - adjustable height, basket included**
**• 33709 Li-ion BATTERY 11.1 V - spare**
Same accessories and probes as BM5 monitors, see page 292, 293.

**STANDARD ACCESSORIES**

5-lead patient Cable (MECA5 (AHA), MACE5 (IEC))
Electrodes - box of 10
NIBP extension tube (3m)
Reusable Adult Cuff (25-35 cm)
Reusable Pediatric Cuff
$SpO_2$ extension cable (2m)
Reusable Adult $SpO_2$ probe
DC adapter (18 VDC, 2.5A)
Li-ion 11.1 V battery
Thermal printer
2 paper roll
User manual: GB, IT

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| **MONITOR** | |
| **Display, Resolution** | 12.1" color TFT. 800x600 pixels |
| **Dimension** | 322x250x224.8 mm |
| **Weight** | Approx. 4.5 kg |
| **Trace** | 6 waveforms: 2xECG, $SpO_2$, RR or $EtCO_2$, 2xIBP<br>Sweep speed: 6.25, 12.5, 25, 50 mm/sec |
| **Indicators** | Categorized alarms (3 priority levels)<br>Visual alarm lamp handle and heart beat tone<br>QRS beep & $SpO_2$ pulse beep<br>$SpO_2$ pitch tone<br>Battery status, external Power LED |
| **Interfaces** | Touch screen, rotary knob |
| **Connectors** | DC input connector: 18 VDC, 2.5 A<br>Defibrillator Sync. Output:<br>- Signal level: 0 to 5 V pulse<br>- Pulse width: 100 ± 10 ms<br>LAN dIgital output for transferring data<br>External VGA monitor connection<br>DC output 5VDC. 1A Max |
| **Battery** | Rechargeable Li-ion battery, 1.5 hours continuous operation |
| **Thermal Printer** | Speed: 25, 50 mm/sec, paper width: 58 mm |
| **Data Storage** | 168 hours trends, 20 cases of 10 sec alarm waveform<br>USB memory storage |
| **Internal language (selectable)** | GB, FR, IT, ES, DE, CZ, PL, PT, RO, BG, HU, TR, RU, CN, KR |

| | |
|---|---|
| **ECG** | |
| **Leads type** | 3-lead, 5-lead |
| **Lead selection** | 3-lead: I, II, III<br>5 lead: I, II, III, aVR, aVL, aVF, V |
| **ECG waveform** | 3-lead: 1 channel<br>5-lead: 2/7 channel |
| **Heart rate range** | Adult: 15-300 bpm<br>Neonate/pediatric: 15-350 bpm |
| **Heart rate accuracy** | ±1 bpm or ±1% wichever is greater |
| **Sweep speed** | 6.25, 12.5, 25, 50 mm/sec |
| **Filter** | Diagnosis: 0.05~120 Hz<br>Monitoring: 0.5~40 Hz<br>Moderate: 0.5~25 Hz<br>Maximum: 5~25 Hz |
| **S-T segment detection range** | -2.0 to 2.0 mV |
| **Arrhythmia analysis** | ASYSTOLE, VTACH, VFIB, BIGEMINY, ACCVENT, COUPLET, IRREGULAR, PAUSE, PVC, RONT, TRIGMINY, VBRADY, SHORTRUN |
| **Pacemaker detection mode** | Indicator on waveform display (user selectable) |
| **Protection** | Against electrosurgical interference and defibrillation |
| **RESPIRATION** | |
| **Method** | Thoracic impedance |
| **Channel selection** | RA-LA or RA-LL |
| **Measurement range** | 5-120 breath per minute |
| **Accuracy** | ±1 breath per minute |
| **Apnea alarm** | Yes |
| **$SpO_2$ range** | 0 to 100%; (70 to 100% ±2% digits) |

| | |
|---|---|
| **Pulse rate range** | 0 to 254 bpm ±2 bpm |
| **NIBP SUNTECH** | |
| **Method** | Oscillometry |
| **Operation** | Mode manual / Automatic / Continuous |
| **Pressure measurement range** | 0-300 mmHg |
| **Safety pressure:** | Adult: 300 mmHg<br>Neonate: 150 mmHg |
| **Blood pressure:** | Adult pressure: 20 to 220 mmHg |
| **Measurement range:** | Pulse rate: 30-220 bpm<br>Pediatric pressure: 20-160 mmHg<br>Pulse rate: 30-220 bpm<br>Neonate pressure: 20-130 mmHg<br>Pulse rate: 30-220 bpm |
| **Accuracy:** | The static pressure measurement is within ±3 mmHg<br>Meets ANSI/AAMI SP 10 2002 |
| **TEMPERATURE** | |
| **Measurement range:** | 10 to 45°C (59 to 113°F) ±0.1°C |
| **Compatibility** | YSI SERIES 400 temperature probes |
| **IBP** | |
| **Channels** | 2 |
| **Measurement range:** | -50 to 300 mmHg |
| **Accuracy** | <100 mmHg ±1 mmHg<br>>-100 mmHg ±1% of reading |
| **Pulse rate measurement range** | 0 to 300 bpm |
| **Zero balancing** | Range: ±200 mmHg<br>Accuracy: ±1 mmHg<br>Drift: ±1 mmHg of over 24 hours |
| **Transducer sensitivity:** | 5 µV/mmHg |
| **Pulse rate measurement range:** | 0 to 300 bpm |

# BM1, BM3, BM5, BM7 MONITOR ACCESSORIES

| GIMA code | | ACCESSORIES FOR BM1, BM3, BM5, BM7 |
|---|---|---|
| **33738** | **NIBP** | Extension cable, 3 m (necessary for all cuffs) |
| **33735** | | Adult cuff - 49x15 cm - need ext. cable 33738 |
| **33736** | | Child cuff - 35x11 cm - need ext. cable 33738 |
| **32848** | | Obese cuff 62x75.5 - need ext. cable 33738 |
| **33737** | | Kit of 3 neonatal cuffs* - needs cable 33738 |
| **32810** | | Mini cuff 16x5 cm - needs 33738+33739 |
| **32811** | | Mini cuff 23x5 cm - needs 33738+33739 |
| **33739** | | Metal connector (necessary for mini cuff) |
| **33771** | **Temp** | Temperature sensor 3.0 m, skin type<br>*Compatible with Drager MM15114, MM15822, GE 21733601, Philips HP21059B, Nihon Kohden P242A, Datascope 0206-02-0003* |
| **33772** | | Temperature sensor 3.0 m, rectal type |
| **33743** | **Paper** | Thermal paper 57.5 mm, 38 Ø |
| **33742** | **Battery** | Ni-MH 12V battery - up to january 2006** - BM3, BM3 Plus |
| **33715** | | Ni-MH 12V battery - Since january 2006** - BM3, BM3 Plus |
| **33717** | | Li-ion battery - Since Sept. 2007** - new BM3, Plus, BM5 |
| **33798** | | Li-ion battery 11.1 V - 6 cell for $EtCO_2$ - for 33782 only |
| **33710** | | Li-ion battery 11.1 V for BM1 |
| **33709** | | Li-ion ba ttery 11.1 V for BM7 |
| **33747** | **Adapter** | AC adapter for BM3, BM5, BM7 |

33735

33736

32810

32811

33738

33771

33772

33742

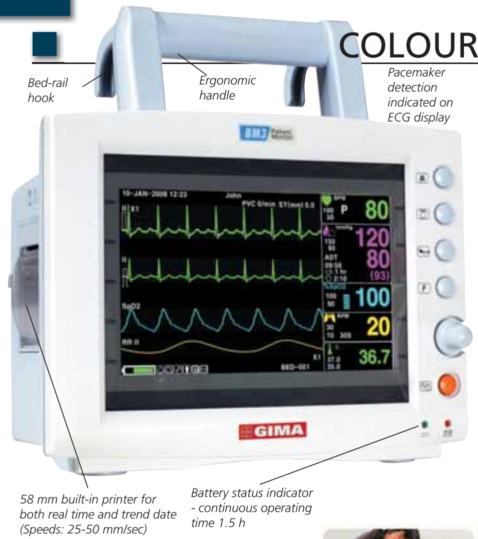
33715

33717

**Date is approximative. Please select battery according to picture and specifications

* Cuff 3.3-5.6 cm, 4.2-7.1 cm, 5-10.5 cm

# COLOUR MULTIPARAMETER MONITORS



Bed-rail hook

Ergonomic handle

Pacemaker detection indicated on ECG display

58 mm built-in printer for both real time and trend date (Speeds: 25-50 mm/sec)

Battery status indicator - continuous operating time 1.5 h

**• 33718 GIMA BM3 MONITOR (7" - 800x480 - TFT display)**
**• 33719 GIMA BM3 VET MONITOR - VETERINARY**

ECG+$SpO_2$+NIBP+RESP+TEMPERATURE

GIMA monitors are configured with
- 7" colour TFT LCD for a clear view
- Individual sweep speed setting for each parameter
- 128 full hours trend data stored
- $SpO_2$ measurement with very low perfusion detection and pulse beep
- 2 traces ECG
- screen freeze on/off
- connection to Central monitoring system using LAN or W-LAN
- Li-ion Battery (for 1.5 hours continuous operation)
- High-performance ECG detection and analysis
  - input impedance for dry skin or electrode patch
  - ST level, PVC count real-time display
  - 3 kinds of Arrhythmia analysis
  - pacemaker detection function
- Enhanced data management
  - graphical and tabular trends
  - 20 cases per 10 sec alarm waveform stored, reviewed and printed
- Internal software selectable in GB, DE, FR, IT, PT, PL, RO, HU, ES, CZ, BG, RU, TR, CN
- User manual: GB, IT (on request: ES, FR, DE).

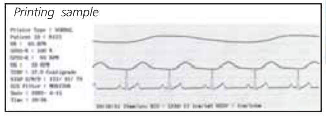
**• 33725 CART** Adjustable height, basket included
See temperature sensors, cuffs, batteries and accessories at page 290, 293

*Angle of plate adjustable*

*Height of cart is adjustable*

CE 0123

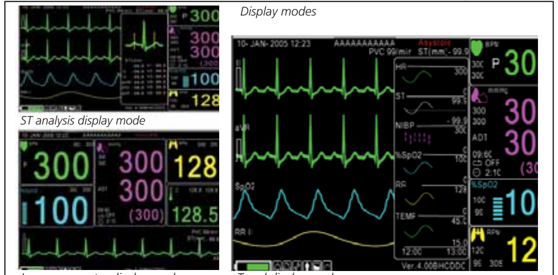
**33725**
*Moving cart increase flexibility around the ward or department.*


*Printing sample*

*Easy mounting with bed-rail hook*

*Direct connection of external monitor through optional card*

| STANDARD ACCESSORIES | 33718 | 33719 |
|---|---|---|
| 3 lead patient cable (ECG) | • | • vet |
| Disposable electrodes: 10 pcs | • | • |
| NIBP tubing - 3m | • | • |
| Reusable adult cuff 25-35 cm | • | |
| Reusable child cuff | • | |
| Set of 3 veterinary cuffs | | • |
| $SpO_2$ sensor - reusable | • | • vet |
| $SpO_2$ sensor extension cable 2 m | • | • |
| Thermal printer 58 mm | • | • |
| DC adaptor (18 VDC, 2.5A) | • | • |
| Battery | • | • |
| User manual: GB, IT | • | • |


*Display modes*

*ST analysis display mode*

*Large parameter display mode*

*Trend display mode*

**PATIENT CENTRAL SYSTEM (up to 31 monitors)**
It allows the user to monitor and extract the exact status of several patients simultaneously at a place. Convenient bidirectional communication allows you to admit new patient information, set alarms at either central station or patient monitor.

**• 33745 WIRE CENTRAL SYSTEM**
(PC, monitor, 16 port switch and software)
**• 33746 LAN CABLE - 3 m**
**• 33767 LAN CABLE - 30 m**
One for any monitor to be connected.
Customized cable length on request.
**• 33758 WIRELESS CENTRAL SYSTEM**
(PC, monitor, wireless router and software)
**• 33759 WIRELESS CONNECTION KIT**
Ethernet converter and power cable
One for any monitor to be connected.

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| **GENERAL** | |
| Display: | 7" colour TFT 800x480 pixels |
| Dimensions - Weight: | 238x250xh 163 mm - 3.1 kg |
| Trace | 4 waveforms: 2*ECG, $SpO_2$, Respiration<br>Sweep speed: 6.25, 12.5, 25, 50 mm/sec |
| Indicators | Categorized alarms (3 priority levels)<br>Visual alarm, QRS beep & $SpO_2$ Pulse beep<br>Percent (%) $SpO_2$ pitch tone,<br>Battery status, Enternal Power LED |
| Thermal printer: | 25, 50 mm/sec (paper width 58 mm) |
| Battery: | Rechargeable Li-ion battery<br>Operating time: 1.5 hours (fully charged) |
| Interfaces: | LAN digital output for transferring data<br>DC input connector: 18 VDC, 2.5 A max |
| Operating voltage: | 100-240 V, 50-60 Hz |
| Data storage: | 128 hours trends, 20 cases of 10 sec alarm waveform |
| **ECG** | |
| Lead type: | 3-lead, 5-lead (option) |
| Lead selection: | 3-lead I, II, III<br>5-lead I, II, III, aVR, aVL, aVF, V (option) |
| Heart rate range: | Adult: 30 to 300 bpm,<br>Neonate/Pediatric: 30 to 350 bpm |
| Heart rate accuracy: | ± 1bpm or ± 1%, whichever is greater |
| Sweep speed: | 6.25, 12.5, 25, 50 mm/sec |
| Filter: | Diagnosis: 0.05 to 150 Hz - Monitoring: 0.5 to 40 Hz<br>Moderate: 0.5 to 25 Hz - Maximum: 5 to 25 Hz |
| S-T segment detection range: | -2.0 to 2.0 mV |

| | |
|---|---|
| Arrhythmia analysis: | ASYSTOLE, VTACH, VFIB |
| Pacemaker detection mode: | Indicator on waveform display (user selectable) |
| Protection: | Against electrosurgical interference and defibrillation |
| **$SpO_2$** | |
| % Saturation Range: | 0% to 100% ± 2 digits (70% to 100%) |
| Pulse rate range: | 30 to 254 bpm ± 2 bpm |
| **NIBP** | |
| Technique: | Oscillometric |
| Measurement Modes: | Manual/automatic/continuous |
| Pressure range: | 0 to 300 mmHg ±3 mmHg |
| Measurement range: | Adult pressure: 20 to 260 mmHg<br>Pediatric pressure: 20 to 230 mmHg<br>Neonatal pressure: 20 to 120 mmHg |
| **Respirations** | |
| Method: | Thoracic impedance |
| Range: | 5 to 120 breath/min |
| Accuracy: | ± 1 breath/min |
| Apnea alarm: | yes |
| **Temperature Unit** | |
| Range: | 0° to 50°C (32°F to 122°F) |
| Accuracy: | ± 0.1°C (25°C to 50°C), ± 0.2°C (0°C to 24°C) |
| Compatible with: | YSI Series 400 Temperature Probes |

33745

## BM5 MULTIPARAMETER MONITOR WITH EXTENDIBLE PARAMETERS

- **33777 GIMA BM5 MONITOR - 10.4” TFT display - 7 ch ECG**
- **33779 GIMA BM5 VET MONITOR - 10.4” TFT display**

CE 0123

- high-performance ECG analysis
ST level PVC count display
13 kinds of Arrhythmia analysis
7 channels
- 10.4" colour TFT screen with 6 waveforms
- visible alarm lamp handle
- $SpO_2$ technology with very low-perfusion detection
- $SpO_2$ pitch tone
- 58 mm built-in chart recorder
- graphical and tabular trends of printing
- LAN or wireless LAN
- 128 full hours trend data stored
- direct DC input for vehicle transport
- Li-ion battery with long life time
- connection to central monitoring system
- selectable software language (GB, DE, FR, IT, PT, PL, RO, HU, ES, CZ, BG, RU, TR, CN).

Standard accessories as BM3 monitor, page 291. Other accessories page 290-293.

ECG+$SPO_2$+NIBP+RESP+ 2 TEMP, optional 2 IBP + $ETCO_2$ MODULE

TÜV ISO 9001

12 Channel display

33777

Arrhytmia analysis: VTAG, VFIB, ASYSTOLIC Pacemaker detection indicated on the ECG waveform display

| GIMA code | TEMPERATURE, $EtCO_2$ AND IBP KIT |
|---|---|
| 33771 | Temperature sensor 2.75 m - skin type |
| 33772 | Temperature sensor 2.75 m - rectal |
| 33741 | Exacon temperature sensor 2.75 m - rectal |
| 33796 | $EtCO_2$ Sidestream module for 33714, 33777/8/9 |
| 33790 | Intubated Filter Line H - adult - box of 10 for 33796 |
| 33791 | Intubated Filter Line H - infant - box of 10 for 33796 |
| 33792 | Non intubated $CO_2$ nasal cannula - adult - box of 10 for 33796 |
| 33793 | Non intubated $CO_2$ nasal cannula - pediatric - box of 10 for 33796 |
| 33794 | Non intubated $CO_2$+$O_2$ nasal cannula - adult - box of 10 for 33796 |
| 33795 | Non intubated $CO_2$+$O_2$ nasal cannula - pediatric - box of 10 for 33796 |
| 33786 | Single line monitoring kit (catheter) |
| 33787 | IBP Kit - disposable - single |
| 33788 | IBP Kit - reusable (not autoclavable) - single |
| 33789 | IBP Kit - reusable (not autoclavable) - double |

33790
*Airway adapter set with dehumidification tubing for intubated adult*
*Suitable also for VET (dog, horse)*

33792
*$CO_2$ nasal cannula - adult*

33794
*$CO_2$+$O_2$ nasal cannula - adult*

33791
*Airway adapter set with dehumidification tubing for intubated Infants*
*Suitable also for VET (cat, puppy)*

33793
*$CO_2$ nasal cannula - pediatric*

33795
*$CO_2$+$O_2$ nasal cannula - pediatric*

### TECHNICAL SPECIFICATIONS FOR MONITOR 33777 - 33779

**GENERAL**
Dimensions/Weight: 270x185xh 250 mm/4 kg
Trace: 6 waveform (ECGx2, $SpO_2$, RR or $EtCO_2$ IBPx2)
Indicators: categorized alarms (3 priority levels), visual alarm lamp handle, heart rate, $SpO_2$ pulse pitch tone battery status, external power LED
Thermal printer: 25, 50 mm/sec (paper width 58 mm)
Battery: Li-ion (2 hours operating time)
Interfaces: LAN digital output for transferring data
Nurse call system connection
defibrillator sync. output
DC input connector: 12 to 18 VDC, 2.5A max
Operating voltage: 100-240 V, 50-60 Hz

**$SpO_2$**
% Saturation Range: 0% to 100%
Pulse Rate Range: 0 to 254 bpm
$SpO_2$ Accuracy: 70% to 100% ±2 digits
Pulse Rate Accuracy: ± 2 bpm

**ECG**
Lead type: 3-lead, 5-lead (33777), 10-lead(33779)
Lead selection: 3-lead: I, II, III (33777/79)
10-lead: I, II, III aVR, aVL, aVF, V1, V2, V3, V4, V5, V6 (33779 only)
ECG Waveforms: 3-lead 1 channel (33777/79)
5-lead: 3/7 channels (33777/79)
10-lead: 3/12 channels (33779 only)
Heart rate range: Adult: 30-300 bpm
Neonate/pediatric: 30-350 bpm
Heart rate accuracy: ± 1 bpm or ± 1%, wichever is greater
Sweep speed: 6.25, 12.5, 25, 50 mm/sec.
Filter: Diagnostic mode: 0,67-150 Hz
Monitoring mode 0,67-40 Hz
Surgical mode: 5-25 Hz
S-T Segment detection range: - 2.0 to 2.0 mV
Arrhythmia analysis: Asystole, Vtach, Vfib, Bigeminy, Accvent Couplet, Irregular, Pause, Pvc, Ront, Trigeminy, Vbrady, Shortrun
Diagnostic analysis: 120 kinds (33779 only)
Pacemaker detection mode: Indicator on waveform display (user selectable)
Protecion: against electrosurgical interference and defibrillation

**NIBP**
Technique: Oscillometric with linear deflation
Measurement Modes: Manual-Automatic-Continuous
Measurement range: Adult pressure: 20 to 260 mmHg
Pediatric pressure: 20 to 230 mmHg
Neonate pressure: 20 to 120 mmHg
Cuff pressure display: 0 to 300 mmHg
B.P. measurement range: Systolic: 40 to 270 mmHg
Mean: 20 to 230 mmHg
Diastolic: 10 to 210 mmHg
Adjustable Cuff Inflation Pressure

**Respirations**
Range: 5 to 120 breaths/min
Accuracy: ±1 breath/min
Apnea alarm: yes

**Temperature Unit**
Range: 15° to 45°C (59°F to 113°F)
Accuracy: ± 0.1°C
Compatible with: YSI Series 400 Temperature Probes

**IBP - option**
Channels: 2
Measuring range: -50 to 300 mmHg
Measuring accuracy: ± 1 mmHg (<100 mmHg)
± 1 % of reading(>100 mmHg)
Pulse rate counting range: 0 to 300 beats/min
Zero balancing: range ± 200 mmHg
accuracy ± 1 mmHg
drift ± 1 mmHg over 24 hours
Transducer sensitivity: 5μV/V mmHg

**$EtCO_2$ - option**
Measurement mode: Sidestream
Measurement range: 0~150 mmHg, 0 to 19%
Respiration range: 2~150 bpm
Accuracy: ± 2 mmHg, 0~40 mmHg
± 5%, 41~70 mmHg
± 8%, 71~100 mmHg
± 10%, 101~150 mmHg
Respiration accuracy: ± 1 breath per minute

## BM1: SLIM AND LIGHT MONITOR WITH STRONG MOBILITY

- **33714 GIMA BM1 MONITOR $SpO_2$+NIBP optional Temp. and $EtCO_2$**

Professional multiparameter monitor in compact size:
- only 60 mm (2.36 inch) thick and 1.0 kg (2.2 lb)
- easy mounting to an IV pole
- 4.5 hours battery operation (rechargeable Li-ion)
- top handle and rear grip
- monitoring mode and spot check mode
- 4.3" color TFT monitor for clear view 480x272 pixels
- touch key and wheel navigation
- external VGA output for large LCD monitor (option)
- saves 128 hours trend and 400 cases
- multilanguage selectable software (GB, FR, IT, ES, DE, PL, PT, RO, BG, HU, CZ, RU, TR, CN, KR)
- highly advanced $CO_2$ monitoring technology
- plug and play $EtCO_2$ module

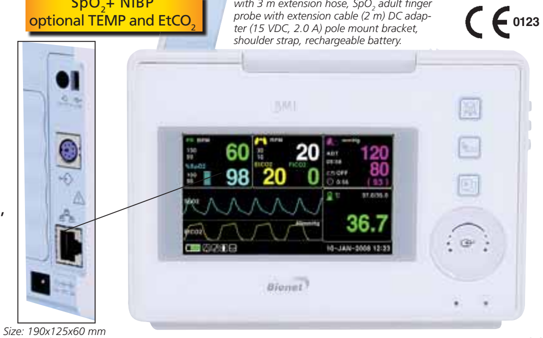
Same accessories of BM line. $SpO_2$, TEMP, $EtCO_2$, NIBP technical specifications same as BM5.

- **33710 Li-Ion RECHARGEABLE BATTERY - spare**

$SpO_2$+ NIBP optional TEMP and $EtCO_2$

*Supplied with NIBP adult cuff (25-35 cm) with 3 m extension hose, $SpO_2$ adult finger probe with extension cable (2 m) DC adapter (15 VDC, 2.0 A) pole mount bracket, shoulder strap, rechargeable battery.*

CE 0123


*Size: 190x125x60 mm*
*Weight: 1 kg*

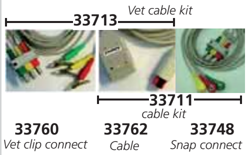
## ECG CABLES FOR BM GIMA AND BIONET MONITORS

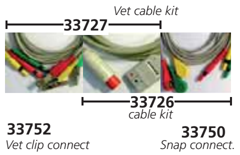
| GIMA code | ECG CABLES FOR BM3 (33718, 33719, 33720, 33721, 33722, 33723, 33724, 33780, 33781) |
|---|---|
| 33711 | 3-lead patient cable kit (cable+snap connectors 33748) |
| 33712 | 5-lead patient cable kit (cable+snap connectors 33749) |
| 33726 | 3-lead patient cable kit (cable+snap connectors 33750) |
| 33728 | 5-lead patient cable kit (cable+snap connectors 33751) |
| 33727 | 3-lead veterinary cable kit (cable+3 clips connectors) |
| 33713 | 3-lead veterinary cable kit (cable+3 clips connectors) |
| 33748 | 3-lead snap connectors for 33711 - spare - new |
| 33749 | 5-lead snap connectors for 33712 - spare - new |
| 33750 | 3-lead snap type connectors for 33726 - spare - old |
| 33751 | 5-lead snap type connectors for 33728 - spare - old |
| 33752 | Vet 3-lead clip type connectors for 33726-7 - spare - old |
| 33753 | Vet 5-lead clip type connectors for 33728 - spare - old |
| 33760 | Vet 3-lead clip type connectors for 33713 - spare - new |
| 33761 | Vet 5-lead clip type connectors for 33712 - spare - new |
| 33762 | 3-lead patient cable |
| 33763 | 5-lead patient cable |
| | **ECG CABLES FOR BM5-BM7 (33777, 33778, 33779)** |
| 33764 | 3-lead patient cable kit (cable + snap connector) |
| 33765 | 10-lead patient cable kit (cable + snap connector) only 33778 |
| 33766 | 3-lead veterinary cable kit (cable + clip connector) |

**ACCESSORIES FOR MONITOR BM3, BM5, BM7**

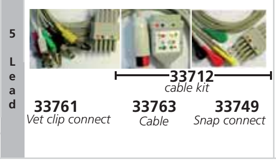
NEW (after 6/2006) — OLD (before 6/2006)

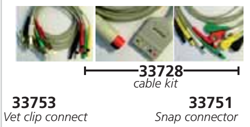
3 Lead





5 Lead





## BM1, BM3, BM5, BM7 $SpO_2$ SENSORS - NELLCOR COMPATIBLE

| GIMA code | $SpO_2$ SENSORS FOR ALL BM MONITORS |
|---|---|
| 33730** | Adult reusable finger sensor (> 45 kg) Nellcor comp. - 7 pin |
| 33731 | Pediatric reusable finger sensor (15-45 kg) - Nellcor comp. |
| 33732 | Vet reusable sensor - clip |

**Not compatible with Nellcor NPB40 and N65

AVAILABLE OTHER NELLCOR AND NELLCOR OXITECH REUSABLE COMPATIBLE $SpO_2$ SENSORS - see page 295

| GIMA code | EXTENSION CABLES FOR BM $SpO_2$ SENSORS |
|---|---|
| 33733 | Extension cable*, 2 m (7 pin small $SpO_2$ connector) up to 2005 |
| 33734 | Extension cable*, 2 m (6 pin $SpO_2$ connector) sold in 2005/6/7 |
| 33716 | Extension cable*, 2 m (7 pin big $SpO_2$ connector) since 2007 |

*Necessary for all probes. Please select correct one

*$SpO_2$ REUSABLE PROBES*

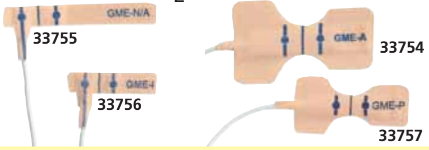
*$SpO_2$ EXTENSION CABLES*

*for units sold before Oct. 2005*

## NELLCOR COMPATIBLE DISPOSABLE $SpO_2$ SENSOR

*All probes are supplied in sterile pack with 70 cm cable.*

*Nellcor compatible connector*



| GIMA code | NELLCOR COMPATIBLE DISPOSABLE $SpO_2$ PROBES (not compatible with Nellcor Oximax) |
|---|---|
| 33755 | Disposable neonate/adult probe<br>- under 3 kg (neonate foot) - over 40 kg (adult finger) |
| 33756 | Disposable infant probe - 3-20 kg |
| 33757 | Disposable pediatric probe - 10-50 kg |
| 33754 | Disposable adult probe - over 30 kg |

**TECHNICAL SPECIFICATION $SpO_2$ SENSORS**
Range of $SpO_2$ measurement: 70%~100%
Accuracy: 70%~100% ±2%; below 70%: unspecified
Range of pulse measurement: 30~250 bpm
Accuracy: ±2 bpm of 2% (select larger)
Optical Sensor: red light (wavelength is 650~670 nm, 6.65 mW)
infrared (wavelength is 880~910 nm, 6.75 mW)

## WRIST OXIMETER

- **34340 WRIST PULSE OXIMETER - with software**

CE 0123

Small and lightweight wrist Oximeter available for home and clinical **long-term** and comfortable monitoring. It can be simply worn on the patient’s wrist as a watch to start the monitoring and can be used during sports to measure $SpO_2$ and pulse rate (PR).
- audible and visual alarm with adjustable alarm limits
- trend review function of $SpO_2$ and PR
- selectable storage modes: 1 group/1s, 1 group/4s, and 1 group/8s
- up to 500 hours storage for $SpO_2$ and PR data in default mode (1 group/8s)
- clock setting and date display function
- software to download and store all measurements on PC integrated
- removable finger probe
- not suitable for pediatric use

34340

CONTINUOUS LONG TERM MEASUREMENT

# PC-300 SPOT CHECK BLUETOOTH MONITOR

Standard: $SpO_2$, PR, NIBP, TEMP

Optional ECG, GLUCOMETER

35162

FDA 510 (K)
CE 0476

**• 35162 PC-300 SPOT CHECK MONITOR**
PC-300 handheld Spot-check monitor measures $SpO_2$, Pulse Rate, NIBP and TEMP. Widely used in hospitals, clinics and family daily measurement. Equipped with Bluetooth and USB interface, allows to transfer data to PC, tablets and smartphone (Android and iOS).

- up to 6000 groups NIBP data storage, up to 100 different patients (each user can store 999 measurement records)
- quick ear probe TEMP measurement result in 5 seconds
- data transfer to PC/Smartphone by USB or Bluetooth
- optional NIBP pediatric cuff and $SpO_2$ pediatric probe
- optional ECG and Glucometer
- built-in rechargeable lithium battery
- communication protocols available on request

35162

**STANDARD ACCESSORIES**

$SpO_2$ adult probe
NIBP adult cuff
Ear thermometer (probe covers not included)
Lithium battery with charger
Carrying bag
User manual: GB, FR, IT, ES

**TECHNICAL SPECIFICATIONS**

| | | | |
|---|---|---|---|
| **$SpO_2$** | | | |
| Measuring range: | 35%-100% | | |
| Accuracy: | ±3% (70-100%) | | |
| **Pluse Rate** | | | |
| Measuring range: | 30-240 bpm | | |
| Accuracy*: | ±2% or ±2 bpm (whichever is greater) | | |
| *Root-mean-square value of deviation according to ISO 1919 | | | |
| **NIBP** | | | |
| Pressure range: | 0-300 mmHg (0-39.9kpa) | | |
| Accuracy: | ±3 mmHg | | |
| Measuring range: | Systolic pressure: | 60-240 mmHg | |
| | Diastolic pressure: | 30-180 mmHg | |
| **TEMP** | | | |
| Measuring range: | 32-43.0°C | | |
| Accuracy: | ±0.2°C (35-42°C) - ±0.3°C (other) | | |
| Measuring time: | <5 s | | |
| **ECG (Optional)** | | | |
| Heart Rate measuring range: | 30-240 bpm | | |
| Heart Rate accuracy: | ±2 bpm or ±2% whichever is greater | | |
| Display scale: | 5.0 mm/mV ±10% | | |
| Common-mode rejection ratio (CMRR): | ≥60 dB | | |
| **Blood Glucose (Optional)** | | | |
| Measuring range: | 20 to 600 mg/DL | | |
| SEE other specification at page 5 | | | |
| **Power Supply** | | | |
| Battery: | 3.7 V built-in Li-ion battery | | |
| Operating voltage: | 3.6-4.2 VDC | | |
| Operating current: | ≤800 mA | | |
| Charger: | 100 - 240 VAC, 50/60 Hz, 5 VDC or USB | | |

| GIMA code | PC-300 ACCESSORIES | |
|---|---|---|
| 35164<br>35165 | $SpO_2$ pediatric probe - optional<br>$SpO_2$ adult probe - spare | 35165 |
| 35166<br>35167 | NIBP pediatric cuff 10-19 cm - with extension cable - optional<br>NIBP adult cuff 22-30 cm - spare | 35167 |
| 35170<br>35171 | Ear infrared thermometer<br>Ear probe cover - box of 500 | 35170 |
| 35172 | Lithium battery - spare | |
| **PC-300 ACCESSORIES: glucose and ECG (optional)** | | |
| 23890 | Glucose monitor On Call Plus II* - IT, GR | 23890 |
| 23891 | Glucose monitor On Call Plus II* - GB, FR | |
| 23892 | Glucose monitor On Call Plus II* - ES, PT | |
| 23895 | Glucose monitor Kit On Call Plus II* - IT, GR | |
| 23896 | Glucose monitor Kit On Call Plus II* - GB, FR | |
| 23897 | Glucose monitor Kit On Call Plus II* - ES, PT | |
| 23910 | Glucose strips - box of 25 | |
| 23912 | Glucose strips - box of 50 | |
| 23913 | Glucose strips - box of 100 | |
| 35176 | Glucose monitor USB cable | |
| 35178<br>33248 | ECG module** needs 33248<br>ECG pin lead cable 3 leads | 33248 35178 |

*See glucose monitor accessories at page 5* *See electrodes at page 277-278*
*Needs USB cable 35176 to connect to PC-300 **ECG module can be used without 3 leads cable in palm mode

# PALM SAT® 2500A NONIN PULSE OXIMETER

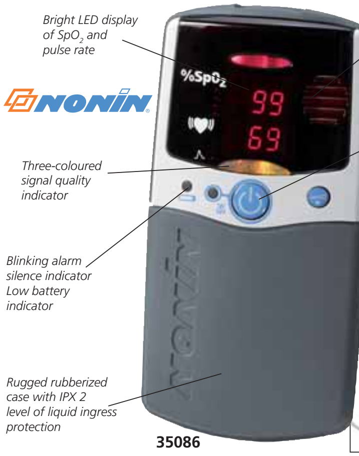
**• 35086 PALM SAT® 2500A PULSE OXIMETER with rubber reusable adult probe and alarm.**
A compact versatile and reliable pulse oximeter designed and tested to exceed all durability requirements.
Main features:
- Pure Sat® technology offers accuracy & speed in getting a reading, even with varying skin pigmentations or polish and is able to monitor, with declared accuracy in challenging conditions, such as motion & low perfusion, for all patients
- it is tested to assure performance in challenging conditions, such as drop and liquid ingress (IPX 2). Granted by US Army/Air Force Aeromedical certification

It also features: audible and visual alarms, 72 hour memory, long battery life (60 hours) or rechargeable battery for 40 hours
Supplied with multilanguage cd-rom manual: GB, FR, IT, DE, ES, PT, GR, NL, PL, NO, FI, DK, SE.

**TECHNICAL SPECIFICATIONS**

| | | | |
|---|---|---|---|
| SpO2 range: | 0% to 100% ±2 (70-100% without movement) | | |
| Pulse rate range: | 18 to 321 bpm ±3 (18-300% without movement) | | |
| Power: | 4AA alkaline batteries 1.5 V (for 60 hours use)<br>optional NiMH rechargeable battery (for 40 hours use) | | |
| Size: | 7x13.8x3.2 cm | Weight: | 213 g |

| GIMA code | ACCESSORIES SAT 2500 |
|---|---|
| 35087 | Adult reusable rubber probe (12.5-25.5 mm) - 1 m cable |
| 35088 | Pediatric reusable rubber probe (10-19 mm) - 1 m cable |
| 35089 | Charger stand with NiMH battery pack, plug kit |
| 35082 | NVISION software for data management (GB) |
| 35083 | Adaptor for USB - PC connection |


Bright LED display of $SpO_2$ and pulse rate
NONIN
%SpO2
99
69
Three-coloured signal quality indicator
Blinking alarm silence indicator
Low battery indicator
Rugged rubberized case with IPX 2 level of liquid ingress protection
Audible and visible alarms
Made in USA
Easy 2 button operation

35086

CE 0123
FDA

35086 + 35089

# REUSABLE COMPATIBLE $SpO_2$ SENSORS FOR ALL BRANDS

CE 0123

1- Adult finger sensor

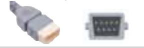
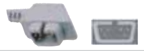
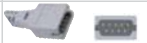
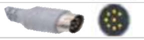
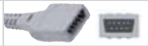
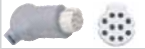
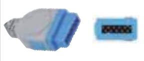
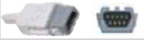
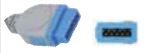
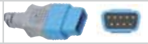
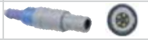
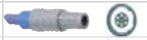
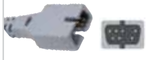
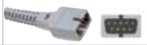
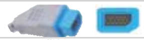
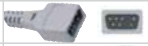
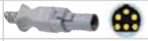
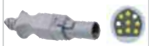
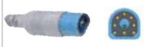
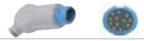
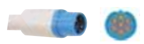
2- Adult soft-finger sensor

3- Adult Y-type ear sensor

4- Adult-neonatal wrap sensor

5- Pediatric sensor

6- Neonatal Y-type sensor

| GIMA code | OEM - Brand | N | Sensor type | Cable length | Connector type | Compatibility | Extension cable - 2.4 m |
|---|---|---|---|---|---|---|---|
| 35220*<br>35221<br>35222 | BCI | 5<br>1<br>1 | Pediatric finger<br>Adult finger<br>Adult finger | 0.9 m<br>0.9 m<br>3.0 m |  | **BCI:** 3401, 3304, 3303, 3302, 3301, 3300; Spacelabs Burdick: $PRO_2$; Draeger: Oxipac 2000/2500 | 35300<br>-<br>- |
| 35225<br>35226<br>35227 | CSI (Criticare) | 6<br>1<br>1 | Neonatal Y-type<br>Adult finger<br>Adult finger | 3.0 m<br>0.9 m<br>3.0 m |  | Alaris (IVAC): VitalCheck 4400; Criticare: 503DX. 503 Spot, 504DX/P. 504DX, 506 series (except 506LN3), 507ELC2, 8100 Poet Plus, Poet (602-3A), Scholar, Scholar III | -<br>-<br>- |
| 35230* | Datascope | 1 | Adult finger | 0.9 m |  | Accusat, Accutorr 3/4 SAT, Accutorr Plus, Passport (Database $SpO_2$) | 35301 |
| 35231 | | 1 | Adult finger | 3.0 m |  | | - |
| 35232* | Datex-Ohmeda | 1 | Adult finger | 0.9 m |  | **Datex-Ohmeda:** AS/3 ,CS/3, CH/S, CH/2S, CH-RS, SAF-F, CG/2S, Cardiocap I, Cardiocap II, Cardiocap 5, Capnomac Ultima, Light Monitor, M-Estpr, Oscar II, OSP-200, Satlite Trans, Satlile, Trans Plus, System 5, ULTS00 | 35302 |
| 35233<br>35234<br>35235 | | 5<br>1<br>3 | Pediatric finger<br>Adult finger<br>Adult Y-type ear sensor | 3.0 m<br>3.0 m<br>3.0 m |  | | -<br>-<br>- |
| 35238<br>35239<br>35240<br>35241 | GE Datex-Ohmeda | 1<br>2<br>3<br>1 | Adult finger<br>Adult finger<br>Adult soft-finger<br>Adult Y-type ear | 3.0 m<br>4.0 m<br>3.0 m<br>3.0 m |  | **GE (Datex-Ohmeda):** S/5, i4 Modular Monitors with Eseries modules, Corometrics® 259 with TruSignal Ohmeda Technology | -<br>-<br>-<br>- |
| 35243 | | 1 | Adult finger | 3.0 m |  | Ohmeda TruSat<br>Ohmeda TruSat TD | - |
| 35245 | GE | 1 | Adult finger | 3.0 m |  | **GE:** Dash 2000/3000/4000 with Nellcor option,Dash 3000/4000/5000 with Ohmeda option, Solar 8000/8000M, i/9500 with Tram Module 451/451N/ 851/851N, CardioLab®/Mac-Lab® with Tram Module 451/451N Corometrics® 120/2120 series, Eagle 1000/3000/4000 Responder 3000 with Nellcor option | - |
| 35247* | GE TruSignal | 1 | Adult finger | 0.9 m |  | **TruSignal** sensors and interconnect cables are backwards compatible with Datex, ohmeda and GE $SpO_2$ technologies. | 35303 |
| 35250 | Goldway | 1 | Adult finger | 3.0 m |  | **Goldway:** UT4000 A / 4000 A pro / 4000B, UT6000 C | - |
| 35252 | Mindray | 1 | Adult finger | 3.0 m |  | PM-600, PM-5000, PM-6000, PM-7000, PM-8000, PM-9000, MEC-1000 (Nellcor based) PM-50 | - |
| 35255**<br>35256**<br>35257**<br>35258**<br>35259**<br>35260**<br>35261** | Nellcor | 6<br>5<br>4<br>1<br>1<br>2<br>3 | Neonatal Y-type<br>Pediatric finger<br>Adult/neonatal wrap<br>Adult finger<br>Adult finger<br>Adult soft-finger<br>Adult Y-type ear | 0.9 m<br>0.9 m<br>0.9 m<br>0.9 m<br>3.0 m<br>0.9 m<br>3.0 m |  | **Artema:** Diascope, **Datascope:** (Mindray): Accutorr Plus, Expert, Passport, PM-50; **Drager:** Cicero, Narkomed, Vitalert 1000, **GE Medical:** Corometrics 118, 120, 129,188, 510, 556, Critikon 9710, 9720, Plus, Compact, Dinamap Select, MPS, Oxyshuttle, Pro 300/400, Eagle Series, Dash Series, Hellige Eagle, 1000, 3000, Eagle SMK, SMU, SMV, SOLAR Series, TRAM Modular x50SL Series; **Invivo Research:** MI2 (Nellcor $SpO_2$), Millennia 4500 Plus 2, **Invlvo/MDE** Escort 100 OPT11A Escort 300A, Escort II OPT30, Prism (Nellcor $SpO_2$); **Ivy Biomedical:** 405A, 4050, 405P, 405T, Vital-Guard 450 CN, **Mennen:** Horizon XL (Nellcor $SpO_2$), MR 1300 Mercury 1200; **Nellcor:** N100 (req. preamp cable), N180, N200 (req. preamp cable), N-20, NPB-75, NPB-290, NPB-295, N-390, N-395, N-3000, N6000: **Nihon Kohden:** BSM-1102 Life Scope EC, BSM2304 iPro (Life Scope i), BSM-4102, 4112 Procyon LT (Life Scope P), BSM-4104, 4114 Procyon (Life Scope P), BSM-9510 Life Scope M (Nellcor $SpO_2$), OGS2000 PocketCare (Nellcor $SpO_2$); **Pace Tech** Vitalmax 800 Series (cara negra Nellcor $SpO_2$): **Philips** 78352C, 78354C, 78834C, MI020A, M1025B, M1205A, M1350B, M1 722A/B, M1732A/B, M2475B, M2601A, M3000A | 35304<br>35304<br>35304<br>35304<br>35304<br>35304<br>35304 |
| 35262**<br>35263**<br>35265** | Nellcor Oxitech | 1<br>2<br>4 | Adult finger<br>Adult soft finger<br>Adult/neonatal wrap | 0.9 m<br>0.9 m<br>0.9 m |  | **Nellcor Oximax:** N-550, N-560, N-595, N-600 and Patient monitors with Oximax module | 35305 |
| 35264 | Nihon-Kohden | 1 | Adult finger | 3.0 m |  | **Nihon Kohden:** BSM-4101,4103 4111,4113 Life scope P BSM-5105, 5135 Life scope A BSM-2351, 2353 Life scope L BSM-2301, 2303 Life scope I, Life scope S | - |
| 35266** | Nonin | 1 | Adult finger | 0.9 m |  | **NONIN:** 8500, 8600, 8700, 8800/9840<br>NONIN: 2500, 9600, 9700 | - |
| 35268<br>35269 | Novametrix | 6<br>1 | Neonatal Y-type<br>Adult finger | 3.0 m<br>3.0 m |  | **Novametrix:** 505, 510, 511, 515B/C, 520, 7000, 7100; Oxypleth | - |
| 35272 | Ohmeda | 1 | Adult finger | 3.0 m |  | **Datex-Ohmeda:** 3740, 3710, 4700 OxiCap, 520RGM, Biox 3760, Ohmeda 3700, 3770, 3775, Rascal II, GE Medical System: 7000 series, Corometrics 511, TRAM A.R., Tram Modular x00SL Series, Mennen:Horizon XL800 (Ohmeda $SpO_2$) | - |
| 35275<br>35276<br>35277<br>35278<br>35279<br>35280<br>35281 | Philips | 6<br>4<br>1<br>1<br>2<br>2<br>3 | Neonatal Y-type<br>Adult/neonatal wrap<br>Adult finger<br>Adult finger<br>Adult soft-finger<br>Adult soft-finger<br>Adult Y-type ear | 1.6 m<br>1.6 m<br>1.6 m<br>3.0 m<br>1.6 m<br>3.0 m<br>3.0 m |  | **Philips:** M3, M4, MP20, MP30, MP40, MP50, MP70, MP80, VM4, VM6, VM8 | -<br>-<br>-<br>-<br>-<br>-<br>- |
| 35283 | | 2 | Adult soft-finger | 3.0 m |  | **Philips:** 1205, M1205A, 78352C, 78834C, 78354C, M1020A, M1025A, M1025B, M1350B, M1772A/B, M1732A/B, M2475B | - |
| 35285<br>35286<br>35287 | Siemens/ Drager | 1<br>2<br>3 | Adult finger<br>Adult soft-finger<br>Adult Y-type ear | 1.6 m<br>1.6 m<br>1.6 m |  | **Siemens/Drager:** SC6002XL, 7000, SC8000, SC9000XL | -<br>-<br>- |

**These $SpO_2$ sensors need extension cable for connection to device.* *** Available extension cable.* *All products are supplied with manual in GB, FR, IT, ES.*

## CAPNOGRAPH AND OXIMETER

CE 0123

FDA 510(K)

**• 33698 CAPNOGRAPH AND OXIMETER PC-900B**

This innovative and handheld capnograph and oximeter is ideal for monitoring the most severe conditions of patients. It provides reliable $SpO_2$ and pulse rate measurements thanks to its unique MoveOxy™ technology specially conceived for $SpO_2$. It offers an accurate monitoring even in weak pulse signals condition and reliable monitoring in movement. Display of graphical trends and plethysmographic waveform.

- 3.5" TFT display showing $EtCO_2$, RR and $SpO_2$, PR
- lung pressure and temperature compensation (BTPS compensation)
- for intubated or non-intubated patients
- graphic trend storage up to 24 hours
- USB cable to transfer data on PC
- wireless module to connect to Bluetooth printer

Internal languages: GB, IT, ES, NL

Water filter, sampling line and airway adapter must be changed anytime you use it.

- **34351 ADULT $SpO_2$ RUBBER PROBE - reusable**
- **34345 ADULT $SpO_2$ CLIP PROBE - reusable - spare**
- **34347 PEDIATRIC $SpO_2$ PROBE - reusable**
- **34349 NEONATAL $SpO_2$ Y PROBE - reusable**
- **33699 WATER FILTER**
- **33700 SAMPLING LINE**
- **33701 AIRWAY ADAPTER**
- **34172 NASAL CANNULAS**

*PC software for data review and analysis Software (GB only) can be freely downloaded*

*Wireless connection Bluetooth printer*

**STANDARD ACCESSORIES**

2 water filters
2 sampling lines
2 airway adaptors
$SpO_2$ probe
USB data cable
Nasal $CO_2$ sampling cannula
Silicone protective case
Carrying bag
Support base
Manual GB, IT

34345
*Reusable $SpO_2$ adult probe*

34351
*Reusable $SpO_2$ adult rubber probe*

34347
*Reusable pediatric $SpO_2$ probe*

**TECHNICAL SPECIFICATIONS**

**$EtCO_2$**

| | |
|---|---|
| $EtCO_2/CO_2$ range: | 0-150 mmHg (0-20 kPa, or 0-20% (V/V)) |
| Accuracy: | ±2 mmHg when 0-40 mmHg<br>±5% (reading) when > 41-70 mmHg<br>±8% (reading) when > 71-100 mmHg<br>±10% (reading) when > 101-150 mmHg |
| Update: | Every breath, 10, 20 or 30 sec selectable |
| Trend length: | 24 hours |
| **Respiration rate** | |
| Range: | 3-150 breaths/min |
| Accuracy: | ±1% (reading) or ±1 times/min whichever is greater |
| Trend length: | 24 hours |
| Flux: | 50-250 cc/min selectable |

**$SpO_2$**

Oximetry saturation range: 0-100%

| | |
|---|---|
| Accuracy: | ±2% when 70-100%, ±3% when 50-69% |
| Trend length: | 24 hours |
| **Pulse rate** | |
| Range: | 30-250 bpm |
| Accuracy: | ±2 bpm or ±2% (reading) when 30-250 bpm |
| Trend length: | 24 hours |
| **Power supply** | |
| AC input consumption: | 100-250 V, 50-60 Hz, 5 W |
| Battery: | Built-in rechargeable lithium battery - 3.6 V, 3000 mAh |
| Working time: | 10 hours |
| Dimension - Weight | 70x160xh 40 mm - 600 g |

## OXY-200 DESKTOP PULSE OXIMETER

*Continuous working time: more than 1 hour*

*Audible and visible alarm for over-limit and low battery. Upper and lower alarm limit can be set.*

35101

*Screen brightness, volume and display mode can be adjusted*

*320x240 TFT screen and LCD*

*Menu operation easy to use*

**• 35101 OXY-200 DESKTOP PULSE OXIMETER with monitor and battery**

Portable oximeter displays $SpO_2$, PR, bar graph, PI, pulse waveform and battery power. Multiuser data storage and review. Stored data can be uploaded to PC in real time. Finger adult probe, battery and software for PC download are included.

- **35102 LITHIUM RECHARGEABLE BATTERY - spare**
- **35105 $SpO_2$ FINGER-PROBE - adult or child over 15 kg - spare**
- **35106 PEDIATRIC PROBE 3-15 kg - reusable**
- **35107 NEONATAL PROBE <3 kg - reusable - needs 35108**
- **35109 ADULT NEONATAL PROBE* - disposable - needs 35108**
- **35108 EXTENSION CABLE necessary for 35107, 35109**

**TECHNICAL SPECIFICATIONS**

Power supply: 100-240 V, 50/60 Hz
rechargeable lithium battery

| | |
|---|---|
| $SpO_2$ measuring range: 0-100% ±2% (between 70-100%) | Resolution: 1% |
| Pulse rate: 30-250 bpm ±2 bpm or ±2% (select larger) | Resolution: 1 bpm |
| PI measuring range: 0-20% ±1% (between 1%-20%) | Resolution: 0.1% |
| Size: 269x222x79 mm - Weight: 1 kg | User manual (GB, IT) |

*Suitable for adult over 40 kg (finger) or neonate less than 3 kg (foot)

## ETCO$_2$ +SPO$_2$

*Size: 170x88x44 mm*

**PORTABLE OXI-CAPNOGRAPHY MONITOR**

- **33702 OXY CAPNOGR. HUMAN**
- **33703 OXY CAPNOGR. VET**

Portable multifunctional Capnography monitor providing $SpO_2$, Pulse, $EtCO_2$, Respiration with accuracy and reliable performance. Light and large LCD display providing graphical $SpO_2$, $EtCO_2$ and Trend function all in one design. Through optional software link to PC via USB. Filter replacement after 8 hours of use. Supplied with adult sensor, AC adapter, sampling tube, airway adapter, filter cartridge, carrying bag, 4 AA rechargeable batteries.

- **33705 FILTER - box of 10**
- **33706 SAMPLING TUBE 1.2 m - box of 20**
- **33708 VET PROBE - spare**

*72 hours memory with trend function*

**TECHNICAL SPECIFICATIONS**

| | Range | Accuracy |
|---|---|---|
| $SpO_2$ Saturation: | 0% to 100% | ±2% between 80% to 100% |
| Pulse Rate: | 30 bpm to 250 bpm | ±1% of full scale |
| | **Range** | **Average** |
| $EtCO_2$: | 0 mmHg to 100 mmHg | 4 breaths of $EtCO_2$ |
| Respiration rate | 0 l/min to 99 l/min | 8 breaths of respiration rate |

Memory: 72 hours
Output interface: USB

**Default Alarm Settings:**

| | |
|---|---|
| $SpO_2$ upper limit: 100% | $SpO_2$ lower limit: 50% |
| Pulse rate upper limit: 250 bpm | Pulse rate lower limit: 30 bpm |
| $EtCO_2$ upper limit: 100 mmHg | $EtCO_2$ lower limit: 0 mmHg |
| Resp upper limit: 99 l/min | Resp lower limit: 0 l/min |

Power 4 AA rechargeable batteries 6 volts or AC/DC adapter

---

## OXY-50 HANDHELD PULSE OXIMETER

CE 0476

FDA K090671

*Supplied with one adult probe, 2 AA batteries, USB cable, PC software (GB, IT, PL) and user manual (GB, FR, IT, ES)*

35100

**• 35100 OXY-50 PULSE OXIMETER - with software**

Pocket fingertip pulse oxymeter with colour display for both routine check and continuous monitoring use.

Main features:
- display: 1.8" colour OLED
- resolution: 160x128
- alarm sound, pulse tone
- power supply: DC3V, <100MA
- record: data can be recorded up to 24 hours
- alarm: adjustable high and low limits
- PC software for transfering real time data

| GIMA code | ACCESSORIES OXY-50 |
|---|---|
| 35105 | Adult probe >15 kg - reusable - spare |
| 35106 | Pediatric probe 3-15 kg - reusable |
| 35107 | Neonatal probe < 3 kg - reusable |
| 35109 | Adult neonatal probe* - disposable - 70 cm cable |
| 35108 | Extension cable necessary for 35107, 35109 - 2 m |

*Suitable for adult over 40 kg (finger) or neonate less than 3 kg (foot)

35106
*Pediatric probe - reusable*

35107
*Neonatal probe - reusable*

35108
*Extension cable (necessary for 35107, 35109)*

*Adult, neonatal probe - disposable*
35109

**TECHNICAL SPECIFICATIONS**

**Display mode (OLED display)**

| | |
|---|---|
| Pulse oxygen saturation ($SpO_2$): | 2 digits |
| Pulse rate (PR): | 3 digits |
| Pulse intensity: | bar-graph |

**Pulse rate**

| | |
|---|---|
| Measuring range: | 25 ~ 250bpm |
| Resolution: | 1 bpm |
| Accuracy: | ±2bpm or ±2% |

**$SpO_2$**

| | |
|---|---|
| **Measuring range:** | 0 ~ 100%, (resolution 1%) |
| **Accuracy:** | 70 ~ 100%: ±2% |
| **Average value:** | Calculate the average value every 4 measure value Deviation between average value and true value does not exceed 1% |

| | |
|---|---|
| **Average pulse rate:** | Moving calculate the average pulse rate every 4 cardio-beat's cycle. Deviation between average value and true value does not exceed 1% |

**Pulse intensity**

| | |
|---|---|
| **Range:** | Continuous bar-graph display, the higher display indicates the stronger pulse |
| **Battery:** | dry battery (2AA) |
| **Oxymeter probe:** | wavelength: 660 - 880nm |
| **Dimension:** | 110(L)x60(W)x23(H) mm |
| **Weight:** | about 180g (with dry battery 2AA) |
| **Safe type:** | BF Type |

## OXY-100 HAND-HELD PULSE OXIMETER

**• 34342 OXY-100 PULSE OXIMETER**

Compact pulse oximeter for hospital and rescue applications to monitor $SpO_2$ pulse rate, and perfusion index (PI). $SpO_2$ can be displayed in numbers with bar-graph of pulse as well as full display of plethysmogram.

Includes adult $SpO_2$ sensor and extension cable.

**Features:**
- high accuracy and repeatability
- visual and audible alarm, with adjustable limits
- 384-hours data storage and review (with 1/2/4/8 sec.)
- automatic power-off

Manual: GB, FR, IT, ES, PT.

**• 34344 SOFTWARE**

This software allows to download and store all measurements on a PC through USB port.

- **34345 ADULT $SpO_2$ CLIP PROBE - reusable - spare**
- **34351 ADULT $SpO_2$ RUBBER PROBE - reusable**
- **34347 PEDIATRIC $SpO_2$ PROBE - reusable**
- **34348 EXTENSION CABLE - spare for 34345-34347-34349-34351 - 1 m**
- **34349 NEONATAL $SpO_2$ Y-TYPE PROBE - reusable**

All probes with cable 0.9 m

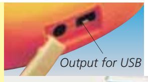
*3 ways switchable display to show: numbers, number and waveform, waveform*

*Battery status display*

*High resolution LCD display, backlight to display $SpO_2$, PR, Pulse Bar, Pi, and Plethysmogram*

*Portable and lightweight*

CE 0476


*Output for USB*

34342

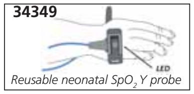
**TECHNICAL SPECIFICATIONS**

Oxygen saturation range: 35% to 100%
Pulse rate range: 30 bpm to 240 bpm
Perfusion index (PI) range: 0.2% to 20%
Display: oxygen saturation, pulse rate, pulse strength,
low battery indicator, perfusion index
$SpO_2$ accuracy: not greater than 3% for $SpO_2$ range from 70% to 100%
Accuracy defined as root-mean-square value of
derivation according to ISO 9919
Pulse accuracy: ± 2% of full scale
Range alarm setting: $SpO_2$ upper limit: 95%
$SpO_2$ lower limit: 85%
pulse rate upper limit 100 - 240 bpm
pulse rate lower limit 30 - 60 bpm
Power requirements: 3 alkaline AA size batteries 4.5 V
continuous working time >30 hours
Dimensions: 145x74x29 mm - Weight: 210 g
Warranty: 1 year

34345
*Reusable $SpO_2$ adult probe*

34351
*Reusable $SpO_2$ adult rubber probe*

34347
*Reusable pediatric $SpO_2$ probe*


34349

*Reusable neonatal $SpO_2$ Y probe*

34348
*Extension cable for 34345, 34347, 34349, 34351*

Veterinary oximeter see page 369

iHealth
Bluetooth oximeters - see page 1

## MINDRAY PM-60 PULSE OXIMETER

mindray

*Size: 55x120x30 mm*
*Weight 300 g with battery*

- **35060 MINDRAY PM-60 PULSE OXIMETER**

PM-60 is a miniature, lightweight device capable of **spot-check and continuous monitoring of $SpO_2$ and pulse rate.**

**Spot Check Mode**
- auto-standby and power off during the idle status
- auto-increase the patients IDs
- non-alarm setting for "sensor off" occasion

1-99 IDs for maximum 4,000 sets of measurements

**Continuous monitoring mode**
- regular alarm handing
- enable to input patient ID manually
- view $SpO_2$ waveform for maximum 96 hours trend

**Other features**
- suitable for adult and pediatric patients
- high resolution 2.4" colour LCD display
- adjustable visual and audible alarms
- real-time data transfer by infrared technology
- choose between Lithium-ion or AA alkaline batteries (for up to 36 hours continuous working) depending on your run-time needs
- protective cover perfect for portable monitoring needs

Supplied with adult reusable sensor
- **35062 PROTECTIVE COVER - light blue**
- **35063 DATA MANAGEMENT KIT**
- **35064 BATTERY CHARGING KIT (EU)**

**Li-ion battery + charge stand + power cable**
- **35065 PEDIATRIC REUSABLE SENSOR**

**35060**
**+**
**35062**

**TECHNICAL SPECIFICATIONS**

**Performance specifications**
Display: 2.4" colour TFT Resolution: 320x240
Multi displays selectable: standard or waveform screen
Trace: 1 plethysmogram waveform
Indicator: alarm indicator light, power indicator light, pulse tone, alarm sound, button tones
Interface: dual-purpose socket for connecting $SpO_2$ sensor and communication cable
IR interface: infrared link allows downloading realtime patient data to computer
DC power interface: Charger stand for Li-ion battery
DC power requirements: input voltage 5V DC Power 1.2A
Battery: Li-ion battery 24 hours continuous working
3xAA batteries 36 hours continuous working
Trend memory: Monitoring mode: Resolution: 2s
Maximum time: 96 h
Spot-check mode Review of up to 4,000 data
Measure up to 99 patients
Alarm: user adjustable high and low limits
3-level audible and visual alarm

**$SpO_2$**
Measurement range: 0~100% ±2% (70~100%)
Resolution: 1% Alarm range: 50~100%
Refreshing rate: 1 s
Averaging time: 7 s (sensitivity set HIGH)
9 s (sensitivity set MED)
11 s (sensitivity set LOW)

**Pulse rate**
Range: 18~300 bpm (±3 bpm non-motion)
(±5 bpm motion)
Resolution: 1 bpm Alarm range: 18~300 bpm
Refreshing rate: 1 s
Averaging time: same as $SpO_2$
Type of protection: Class II with internal electric power supply
Degree of protection: BF (defibrillation proof)
Protection against ingress of liquid: IPX 2

## COMDEK HOSPITAL PULSE OXIMETERS

- **34290 MD-600 PULSE OXIMETER with alarms**
- **34291 MD-630 PLUS PULSE OXIMETER with alarms, printer and USB**

Light-weight pulse oximeters with high accuracy and reliable performances:
- **adjustable $SpO_2$ and pulse alarm settings**
- quick assessment of oxygen saturation and pulse rate
- with $SpO_2$ and pulse rate display

**Pulse oximeter with printer and USB (34291 only)**
Built-in thermal printer allows immediate data printing.
36 hours memory (with interval of 6 seconds) or 24 hours (with interval of 4 seconds) with possibility to recall up to 100 records (print out the last records up to 240 seconds).
Tone function and adjustable volume.

- **34295 THERMAL PAPER - for code 34291**
- **33704 PC-SMART LINK SOFTWARE - for code 34291**
- **34292 ADULT FINGER SENSOR over 40 kg - reusable**
- **34294 CHILD TOE SENSOR 3-15 kg - reusable - need 34299**
- **34299 EXTENSION CABLE for 34294**

**34290**

*Weight: 240 g*

*SpO₂*
*Time*
*Pulse*
*USB Output port for PC data download*
*With 24 hours memory*

0434

**34291**

**STANDARD ACCESSORIES (codes 34290-34291)**
1 AC/DC Adaptor
1 $SpO_2$ standard adult sensor
4 AA Batteries - alkaline
1 User manual (GB, IT, FR, ES)
1 Carrying bag

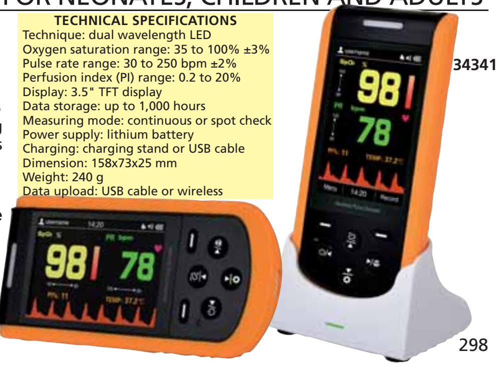
**TECHNICAL SPECIFICATIONS (codes 34290-34291)**
Oxygen saturation range: 0% to 100% ± 2% between 80% to 100%; ± 3% between 65% to 79%
Pulse rate range: 30 bpm to 250 bpm ± 1% of full scale
Display: oxygen saturation, pulse rate, pulse search indicator, low battery indicator
Range alarm setting: $SpO_2$ upper limit: 100%, lower limit: 50%; pulse rate upper limit 250 bpm, lower limit 30 bpm
Power requirements: DC 6 volts by 4 alkaline AA size batteries AC adapter output DC 6 Volts, 600 mA
Dimensions - weight: 172x90x36 mm (34290) - 170x88x44 mm (34291) - 240 g - 300 g (34291) - without battery

## OXY 110 PULSE-OXIMETER FOR NEONATES, CHILDREN AND ADULTS

- **34341 OXY 110 PULSE OXIMETER**
- **large 3.5 inch auto rotation TFT display** for $SpO_2$, PI, Plethysmogram, PR and temperature
- patented MoveOxy™ $SpO_2$ technology with artifact removal and anti-motion performance
- various choice of $SpO_2$ probes for adult, pediatric and neonate
- in-built lithium battery up to **20 hours continuous monitoring**
- adjustable alarm limit, pitch tone level, key tone and brightness
- up to 1,000 hours $SpO_2$ data storage
- upgradeable to **infrared ear temperature**

Supplied with adult probe, charging base, USB cable.
- **34345 ADULT $SpO_2$ CLIP PROBE - reusable - cable 0.9 m - spare**
- **34351 ADULT $SpO_2$ RUBBER PROBE - reusable - cable 0.9 m**
- **34347 PEDIATRIC $SpO_2$ PROBE - reusable - cable 0.9 m**
- **34349 NEONATAL $SpO_2$ Y-TYPE PROBE - reusable - cable 0.9 m**
- **35170 EAR INFRARED THERMOMETER**
- **35171 EAR PROBE COVER for 35170 - box of 500**
- **34344 SOFTWARE for download and store**

**TECHNICAL SPECIFICATIONS**
Technique: dual wavelength LED
Oxygen saturation range: 35 to 100% ±3%
Pulse rate range: 30 to 250 bpm ±2%
Perfusion index (PI) range: 0.2 to 20%
Display: 3.5" TFT display
Data storage: up to 1,000 hours
Measuring mode: continuous or spot check
Power supply: lithium battery
Charging: charging stand or USB cable
Dimension: 158x73x25 mm
Weight: 240 g
Data upload: USB cable or wireless



**34341**

**34341**

## OXY-5 AND OXY-6 PROFESSIONAL OXIMETERS

**34282**

**34285**

**34285**

- **34282 OXY-5 FINGERTIP OXIMETER**
- **34265 OXY-5 PEDIATRIC FINGERTIP OXIMETER**
- **34285 OXY-6 COLOUR FINGERTIP OXIMETER**

To monitor pulse oxygen saturation and pulse rate through patient's finger (10-22 mm finger thickness for 34282, 34285
- 8-16 mm finger thickness for 34265) in medical and hospital environments.

Main features:
- $SpO_2$ and pulse rate measurement
- bargraph of pulse rate
- perfusion index display. P.I. is a numerical value that indicates the blood perfusion condition at the sensor site. It is a relative value that varies from patient to patient and from measuring site
- high accuracy and repeatability: products are manufactured by GIMA (in P.R.C. facilities) under strong quality controls guaranteed by Italian notified body (CE 0476 CERMET)
- accuracy from the first reading in few seconds thanks to a unique noise rejecton capability feature
- extra stability against motion during measurement (finger bending, Parkinson's disease, hand movement, button pressing)
- audible and visible alarms
- automatic power on and power off when finger is out
- low voltage alarm display
- 8 or 9 language manual (GB, FR, IT, ES, DE GR, PT, PL*, Arabic)
- 50 hours working time with full batteries (30 hours for oxy-6)
- supplied in plastic case with batteries and pouch
- 4 direction adjustable display (Oxy-6 only)
- **35076 CORDURA BAG with belt loop - blue**

**34265, 34282 only*

**TECHNICAL SPECIFICATIONS**

| | RANGE | ACCURACY | RESOLUTION |
|---|---|---|---|
| Pulse rate: | 30-240 bpm | ± 2 bpm (2%) | 1bpm |
| $SpO_2$: | 35%-99% | ± 2% (75-99%)<br>± 3% (50-75%) | 1% |
| Perfusion: Index: | 0-20% | ± 0.1% (0,2-2%)<br>± 0.2% (2-10%) | 0.1% |

Alarm: $SpO_2$: low limit 90%
Pulse rate: low: < 50 bpm - high > 120 bpm
Power: 1.5V (AAA size) alkaline battery x 2
Norms: IEC 60601-1-2 Class II CE 0476
LCD Display: oxygen saturation, pulse rate, low battery indicator
Size - weight: 6.6x3.6x3.3 cm - 60 g including batteries
Italian manufacturer (made in P.R.C.)

## OXY-3 OXIMETER

DUAL COLOUR OLED DISPLAY

2179

FDA

**35090**

*Supplied in blister with batteries and lanyard.*

**35090**

- **35090 OXY-3 OXIMETER - blister**

Easy to use pocket device, measures oxygen level and pulse rate.

Main features:
- simple operation, small & lightweight design, portable
- display $SpO_2$, $SpO_2$ waveform, PR, Pulse bar
- low power consumption
- 2 AAA alkaline batteries included
- low battery indication, auto power off
- accommodates widest range of finger sizes from pediatric to adult
- soft silicone padding, strong slip
- resistant clip, non-invasive, no pricking
- 4 direction display
- user manual in GB, IT, ES, FR
- **35075 SILICONE COVER - light blue**
- **35076 CORDURA BAG with belt loop - blue**

**35075**
**+**
**35090**

**35076**

## OXY-4 COLOUR OXIMETER

*Size: 66x36x33 mm*

DUAL COLOUR OLED DISPLAY

**35091**

**35092**

0123

- **35091 OXY-4 OXIMETER - blue**
- **35092 OXY-4 OXIMETER - orange**
- **35093 OXY-4 OXIMETER - other colour (minimum 100 pieces)**

Select colour with order 1 2 3 4 5 6

Fingertip pulse oxymeter to monitor pulse oxygen saturation, pulse rate, and perfusion index.
- it is light, small in size and easy to take
- accurately measures $SpO_2$ value and pulse rate value
- dual-color display of $SpO_2$, PR, PI, Plethysmogram and pulse bar
- measuring range, $SpO_2$ 35 - 99%, Pulse rate 30 - 240 bpm
- innovative 4 directions display
- automatic power On/Off
- more than 30 hours continuous working with 2AAA alkaline batteries
- audible and visible alarm function
- battery voltage indication, low battery voltage alarm
- prevention against water ingress, drop resistant
- manual in 8 languages: GB, FR, IT, DE, ES, PT, GR, PL
- **35076 CORDURA BAG with belt loop - blue**

## NONIN GO2 OXIMETER

NONIN

*Back light display*

*2400 tests performed with one AAA battery (21 hours continued use)*

*Lead (PB) free and latex free*

Made in USA

CE 0123

- **35079 NONIN GO2 - 9570 - IT, FR, DE, NL**
- **35080 NONIN GO2 - 9570 - GB, FR, ES, PT**

GO2 are manufactured to the same technical specifications and technology used in NONIN professional oximeters, but are dedicated to consumers for people suffering from shortness of breath, fatigue or limited activities.
- highly resistant: it is tested to resist 25 times to fall down from 1 meter, to liquids and to continuative use
- patient oriented display
- finger size range from pediatrics to adult
- easy to read perfusion indicator
- suitable for low perfusion patient

Other manuals for download: GR, PL, DK, NO, SE, FI.

**TECHNICAL SPECIFICATIONS**

Saturation range: 0-100% ±2 digit (70-100%)
Pulse rate range:18-321 bpm ±3 digit (20-250 bpm)

## OXY-PED

- **34266 OXY-PED PEDIATRIC OXIMETER**

Similar to OXY-6 but suitable for pediatric use. Input shaped to fit children's fingers thickness 8-16 mm. It is supplied with two rechargeable batteries and USB battery recharger. All other specifications are like OXY-6 model.

- **34270 RECHARGEABLE BATTERY - spare**

34266

**TECHNICAL SPECIFICATIONS**

| | RANGE | ACCURACY | RESOLUTION |
|---|---|---|---|
| Pulse rate: | 30-240 bpm | ± 2 bpm (2%) | 1bpm |
| $SpO_2$: | 35%-99% | ± 2% (75-99%)<br>± 3% (50-75%) | 1% |
| Perfusion index: | 0-20% | ± 0.1% (0.2-2%)<br>± 0.2% (2-10%) | 0.1% |

Alarm: $SpO_2$: low limit 90%
Pulse rate: low: < 50 bpm - high > 120 bpm
Power: 3.6V rechargeable batteries
Norms: IEC 60601-1-2 Class II

## NONIN ONYX® VANTAGE 9590

*Large Bright LED Display $SpO_2$ and pulse rate can be read from any angle, day or night*

*The original all-in one digital fingertip pulse oximeter™*

*Lead (PB) free and latex free*

NONIN

Made in USA

CE 0123

- **35085 NONIN ONYX® VANTAGE 9590 PULSE OXIMETER**

The Onyx is the only finger pulse oximeter with **scientifically proven accuracy in motion and low perfusion,** and it is tested for use on fingers, thumbs, or toes.
- **Accurate** - Scientifically proven performance in the widest range of patient populations and settings
- **Durable** - Protects against dropping and water spills; allows for thousands of uses in the most demanding environments and exceed IP32 water ingress testing
- **Efficient** - Up to 6000 spot checks or 36 hours of continual operation on two AAA batteries
- **Safe** - Built in the USA with lead-free and latex-free construction
- **Versatile** - One unit works on the widest range of patients from pediatric to larger adult patients. Accomodates a wide range of digit thicknesses from 8 mm to 25.4 mm
- **Warranted** - Industry-leading 4-year warranty
- **Cost Effective** - Proven accuracy, quality and durability make the Onyx Vantage a smart purchase for the long term

Supplied with multilanguage CD-rom manual: GB, FR, IT, DE, ES, PT, GR, NL, PL, NO, FI, DK, SE.

**TECHNICAL SPECIFICATIONS**

| | | |
|---|---|---|
| Pulse rate range: | 18-321 bpm | ±3 digit (20-250 bpm) |
| $SpO_2$ range: | 0-100% | ±2 digit (70-100%) |
| Low perfusion $SpO_2$: | 70-100% | ±2 digit |
| Low perfusion pulse rate: | 40-240 bpm | ±3 digit |

## OXY-10 OXIMETER - WIRELESS

CE 0476

- **35095 OXY-10 FINGERTIP MULTIFUNCTION OXIMETER**

Professional oximeter to monitor pulse oxygen saturation and pulse rate through patient's finger (adult, child, neonate).
- wireless Bluetooth technology for transmission to PC Windows (XP and Seven) and Android (need APP). Software for data management
- external pediatric $SpO_2$ probes available in 4 sizes for pediatric and neonatal use
- large true colour OLED display
- $SpO_2$, PR, Pulse bar, P.I. and plethysmogram
- accuracy from the first reading in a few seconds
- extra stability against motion during measurement
- audible and visible alarms with high and low alarm limits adjustable by user
- patient oriented display with automatic change of 4 directions
- 9 languages manual (GB, FR, IT, DE, ES, GR, PT, PL, Arabic)

Communication protocols on request
Supplied in nylon bag with batteries

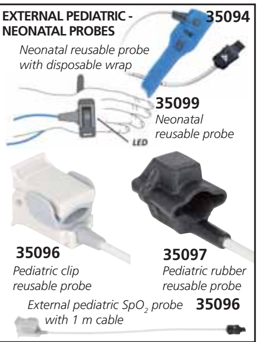
- **35096 PEDIATRIC CLIP PROBE - reusable**
- **35097 PEDIATRIC RUBBER PROBE - reusable**
- **35094 NEONATAL PROBE KIT - reusable probe + 20 disposable wraps**
- **35099 NEONATAL Y-PROBE - reusable**

**TECHNICAL SPECIFICATIONS**

| | RANGE | ACCURACY |
|---|---|---|
| Pulse rate: | 30-240 bpm | ± 2 bpm or 2% |
| $SpO_2$: | 70%-100% | ± 3% |
| Perfusion index (PI): | 0.2-20% | |

Alarm: $SpO_2$: 85-99%
Pulse rate: high 100-240 bpm
low 30-60 bpm
Power: 2xLR03 (AAA) Alkaline batteries 3.0 VDC
Size: 60x33x30 mm Weigth: 35 g

**EXTERNAL PEDIATRIC - NEONATAL PROBES**



35094 *Neonatal reusable probe with disposable wrap*

35099 *Neonatal reusable probe*

35096 *Pediatric clip reusable probe*

35097 *Pediatric rubber reusable probe*

*External pediatric $SpO_2$ probe with 1 m cable* 35096

## iPAD CU-SP1 INTELLIGENT PUBLIC ACCESS DEFIBRILLATOR

CU-SP1 is the last generation of intelligent public access defibrillators with innovative features:

**- Auto volume adjustment**
It detects the ambient noise and automatically adjusts the volume of its prompts to make them audible over the background noise.

**- Smart pads - intelligent storage**
The pre-connected "Smart" electrode pads are stored in an easy access compartment on the underside of the unit.
This ensures that the iPAD SP1 is always ready to be used in the shortest time possible. In addition, the visual frontal indicator shows if the connected pads are within their life expectancy.
The indicator will change when the pads have only 3 months life left before their expiry date giving you time to arrange for replacements. It will change again when the expiry date is reached.

**- CPR detection**
CPR ensures that the casualty has the best chances of survival.
The CU-SP1 detects if CPR is being performed with appropriate prompts, if not it encourages the responder to perform it.

**- Easy communication with CU-EX1 software**
Installing CU-EX1 software onto a computer allows you to see and analyze the usage history of the unit. Information such as time of "power on", the casualty's heart rhythm and shocks delivered are all clearly presented.
The iPAD CU-SP1 can store up to 5 events with up to 3 hours of ECG analysis on an SD memory card.

**- 16 languages available**
**(to be indicated with order)**
Selectable software languages: US, GB, FR, IT, ES, DE, PT, NL, PL, SE, DK, NO, CZ, GR, AE, KR, IL. On request LT.
Supplied with adult SAVE PADS, carrying bag, disposable lithium battery pack, paper manual (GB, IT) and CD manual in above languages excluding PL and GR.

35339

*Automatic defibrillator without shock button*

| GIMA code | iPAD CU-SP1 AED DEFIBRILLATOR |
|---|---|
| 35340 | iPad CU-SP1 defibrillator - semiautomatic |
| 35339 | iPad CU-SP1 defibrillator - automatic |
| | **ACCESSORIES FOR CU-SP1** |
| 35342 | Trainer Defi Pads - kit of 2 |
| 35343 | Trainer - 16 selectable software languages |
| 35344 | Adult PADS - kit of 2 pcs - disposable |
| 35345 | Pediatric PADS - kit of 2 pcs - disposable |
| 35346 | Disposable lithium battery $LiMnO_2$ high capacity 4.2 Ah |
| 33423 | Wall cabinet with sound alarm |
| 35349 | SD card+ software for event recording download |

35340

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| **Defibrillator** | |
| Operating mode: | Semi-automatic |
| Waveform: | e-cube biphasic (Truncated exponential type) |
| Energy: | 150J fixed<br>Adult: nominal 150J at 50 ohm load<br>Infant/child: nominal 50 joules at 50 ohm |
| Charge control: | controlled by automated patient analysis system |
| Charging time: | within 10 seconds since voice instruction "an electric shock is needed" |
| Sealing: | waterjet proof IPX5 per IEC60529 (IP55)<br>dust protected IP5X per IEC60529 |
| **User interface** | |
| User support: | detailed voice prompts and flashing indicators |
| CPR guidance: | voice prompts for how to perform CPR for adult and child |
| Controls: | on/off button, "i" button, shock button (only 35340) |
| Indicator: | LCD display (Device status, Battery status, Pads status) |
| Sensing: | pads expiry date, Pads connection status |
| CPR Monitoring | |
| Automatic Volume adjustment | |
| **Data recording and transmission** | |
| IrDA port: | wireless transmission of event data to PC, SD Card |
| Internal Memory (Nand-flash): ECG, Event | |
| Storage capacity: | multi recording 5 events / Max 3 hours |
| Data review PC Programme: CU-EX1 | |
| **Patient analysis system** | |
| Patient Analysis: | Shockable Rhythms - Ventricular Fibrillation, Tachycardia |
| Sensitivity/Specificity | Meets AAMI DF80 Guideline |
| **Disposable high capacity battery** | |
| Standard | Type: DC 12 Volt 4.2 Ah, Lithium manganese dioxide<br>Capacity: Minimum 200 shocks (150J) |

## METAL CABINETS FOR DEFIBRILLATORS - INDOOR OR OUTDOOR

**METAL CABINETS FOR DEFIBRILLATORS - INDOOR USE**

- **35330 METAL CABINET - INDOOR USE - white**
- **35331 METAL CABINET WITH ALARM - INDOOR USE - white**

Door with opening at 180° with transparent acrylic window.
Suitable for wall mounting or use with pole.
Horn alarm at 100 dB (only 35331)

- **35333 POLE for cabinet - white**

**METAL CABINETS FOR DEFIBRILLATORS - OUTDOOR USE**

- **35334 METAL CABINET - OUTDOOR USE - yellow**

Water tight welding on the sides, water and dust proof gaskets. Made in carbon steel, thickness 15/10. Adjustable internal shelf. Door with transparent acrylic window.

- **35335 METAL CABINET WITH THERMO REGULATION SYSTEM AND ALARM - OUTDOOR USE - yellow**

Same as 35334, with antitheft magnetic sensor that activates a 100 dB siren in case of non authorized withdrawal.
9V alkaline battery for alarm. Low charger indicator.
Power 230V for thermoregulation.
Suitable for wall mounting or use with pole.

- **35337 POLE for cabinet - yellow**

**INDOOR USE**

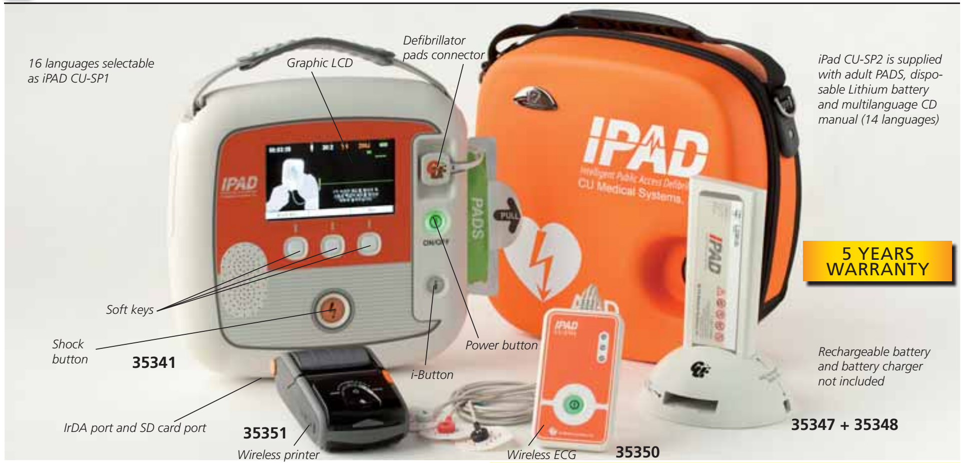
*External size: 42.5x16xh 42.5 cm*
*Internal size: 40x13xh 40 cm*

**OUTDOOR USE**

IP 44 PROTECTION

*External size: 43x21xh 48 cm*
*Internal size: 42x20xh 45 cm*

# iPAD CU-SP2 AED MODE DEFIBRILLATOR



iPad CU-SP2 is supplied with adult PADS, disposable Lithium battery and multilanguage CD manual (14 languages)

Rechargeable battery and battery charger not included

**• 35341 IPAD CU-SP2 DEFIBRILLATOR - AED MODE**

CU-SP2 is the last generation of intelligent public access defibrillators with innovative features:

**- Auto volume adjustment**

It detects the ambient noise and automatically adjusts the volume of its prompts to make them audible over the background noise.

**- Smart pads - intelligent storage**

The pre-connected "Smart" electrode pads are stored in an easy access compartment on the underside of the unit ensuring use in the shortest possible time. In addition, the visual frontal indicator shows if the connected pads are within their life expectancy. The indicator will change when the pads have only 3 months life left before their expiry date giving you time to arrange for replacements. It will change again when the expiry date is reached.

**- CPR detection**

CPR is vital to ensure that the casualty has the best chances of survival. iPAD CU-SP2 detects if CPR is being performed with appropriate prompts, if not it encourages the responder to perform it.

**- Easy communication with CU-EX1 software**

It allows to see and analyze information such as time of "power on", the casualty's heart rhythm and shocks delivered. It saves 3 events on the internal memory (up to 17 hours per event).

**- Wireless ECG transmission device (CU-EM1) - optional**

In monitor mode, iPAD CU-SP2 uses Bluetooth to receive ECG data from CU-EM1 and displays it on the LCD screen.

**- Printer - optional**

iPAD CU-SP2 supports connection to an external Bluetooth printer.

**- 16 languages available**

Selectable software languages: GB, FR, IT, ES, DE, PT, NL, SE, PL, FI, DK, NO, CZ, GR, UA, KR.

Supplied with adult SAVE PADS, carrying bag, disposable Li-ion battery pack, paper manual (GB, IT) and CD manual in above languages excluding PL and GR. Warranty 5 years.

**TECHNICAL SPECIFICATIONS**

**Defibrillator**
Operating mode: Semi-automatic
Waveform: e-cube biphasic (Truncated exponential type)
Energy: AED mode: 150/200J fixed or 150-150-200J energy escalating
Manual mode: 2-200J, R-Sync
Charging time: within 10 seconds
Charging time after CPR finished: at least 6 seconds
Sealing: waterjet proof IPX5 per IEC60529 (IP55)
dust protected IP5X per IEC60529

**User interface**
User support: detailed voice and text prompts
CPR guidance: voice prompts for how to perform CPR for adult and child
Controls: on/off button, ”i“ button, shock button, soft keys
Indicator: graphic LCD display (status, user's guide, ECG, heart rate, .....)
Sensing: pads expiry date, pads connection status
CPR Monitoring, ECG Monitoring, Automatic Volume adjustment

**Data recording and transmission**
IrDA port: wireless transmission of event data to PC, SD Card
Internal Memory (Nand-flash): ECG, Event
Storage capacity: multi recording 3 events / Max 17 hours for each event
Bluetooth: communication with the printer
Data review PC Programme: CU-EX1

**Patient analysis system**
Patient Analysis: Shockable Rhythms (Ventricular Fibrillation, Tachycardia)
Sensitivity/Specificity meets AAMI DF80 Guideline

**Battery**
Rechargeable battery Type: DC 11.1 Volt 1.9 Ah, Li-ion rechargeable
Capacity: Minimum 60 shocks or 3 hours of operation
Standard Type: DC 12 Volt 4.2 Ah, Lithium manganese dioxide
Capacity: Minimum 200 shocks (150J)

| GIMA code | ACCESSORIES FOR CU-SP2 |
|---|---|
| **35344** | Adult PADS - kit of 2 pcs - disposable |
| **35345** | Pediatric PADS - kit of 2 pcs - disposable |
| **35346** | Disposable Lithium battery $LiMnO_2$ high capacity 4.2 Ah - spare |
| **35347** | Rechargeable 12 V, 1.9 Ah Li-ion battery - optional |
| **35348** | Battery charge dock + battery charger for 35347 |
| **35349** | SD card+ software for event recording download |
| **35350** | Wireless ECG for CU-SP2 |
| **35351** | Wireless printer for CU-SP2 |

# COMPATIBLE DEFIBRILLATOR ECG THERMAL PAPER - DIFFERENT BRANDS

| GIMA code | MANUFACTURER AND MODEL | Type | Width mm | Length m | Sheet | Marker | Grid* | Min. order |
|---|---|---|---|---|---|---|---|---|
| | **CORPLUS** | | | | | | | |
| **33100** | Corplus 3 | roll | 106 | 20 | - | no | or/red | 10 |
| | **MINDRAY** | | | | | | | |
| **32968** | Beneheart D3, D6 | roll | 50 | 20 | - | no | or/red | 20 |
| | **HEWLETT PACKARD** | | | | | | | |
| **33103** | 40457C/D, Codemaster 100, XL | roll | 50 | 30 | - | no | or/red | 20 |
| | **NIHON KOHDEN** | | | | | | | |
| **33029** | Def. TEC 5521, 5531, BSM 2300, 3000 | pack | 50 | 100 | 200 | no | or/red | 25 |
| **32988** | Tech-8300 | roll | 50 | 30 | - | no | or/red | 20 |

| GIMA code | MANUFACTURER AND MODEL | Type | Width mm | Length m | Sheet | Marker | Grid* | Min. order |
|---|---|---|---|---|---|---|---|---|
| | **PHILIPS** | | | | | | | |
| **33102** | Defibrillator MRX | roll | 75 | 25 | - | no | or/red | 10 |
| **33103** | Heartstart XL | roll | 50 | 30 | - | no | or/red | 20 |
| | **PHYSIO CONTROL** | | | | | | | |
| **33032** | Life Pack 8-9-10 | roll | 50 | 23 | - | no | or/red | 20 |
| **33033** | Life Pack 11-12-15 | roll | 107 | 25 | - | no | or/red | 10 |
| | **SCHILLER** | | | | | | | |
| **32983** | Defigard 6002 | pack | 80 | 70 | 300 | yes | or/red | 20 |
| | **ZOLL** | | | | | | | |
| **33106** | Defi/1400 (P/N 8000-0300) | pack | 90 | 90 | 200 | yes | or/red | 20 |

*or/red: grid could be orange or red colour

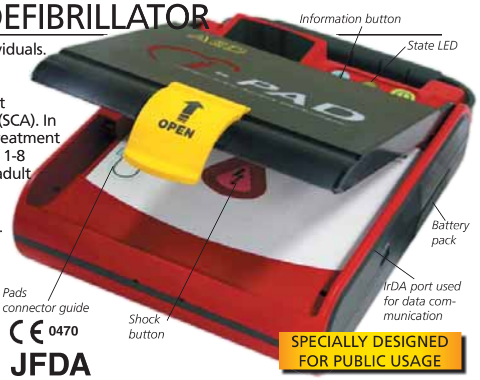
5 YEARS WARRANTY
in standby mode*

*If used during 5 years battery should be replaced

# i-PAD NF 1200 PUBLIC ACCESS DEFIBRILLATOR

Semi-automatic external defibrillator designed for minimally trained individuals. It provides simple and direct voice prompts and indications for a straightforward rescue operation. Lightweight and battery powered for maximum portability. Designed to treat Ventricular Fibrillation (VF) and Fast Ventricular Tachycardia (VT): the most common causes of sudden cardiac arrest (SCA). In SCA, the heart of the victim suddenly stops pumping. The only effective treatment for VF is the application of a defibrillating shock. It may be used on children 1-8 years old (less than 25 kg) with pediatric reduced energy pads, over with adult pads. Supplied with a set of adult pads, lithium battery (200 Shocks or 10 hours operating time), manual. According to ERC Guidelines 2010.

**TRAINER:** simulates all the functions of i-PAD, with 8 rescue scenarios.



SPECIALLY DESIGNED
FOR PUBLIC USAGE

CE 0470
JFDA

| Voice version and manual | i-PAD DEFIBRILLATOR AND TRAINER | | | | | |
|---|---|---|---|---|---|---|
| | Spanish | French | Portuguese | Italian | English | Other languages* |
| **DEFIBRILLATOR** | **33408** | **33409** | **33413** | **33414** | **33416** | **33417** |
| **TRAINER** | - | - | - | **33424** | **33405** | **33406** |

*Voice languages: DE, DK, KR, JP, NL, SE, with same language manual, updated to ERC guidelines 2010
*Voice languages: CZ, GR, HU, IL, IR, NO, TR, with English manual, updated to ERC guidelines 2005

| GIMA code | Original accessories for I-PAD |
|---|---|
| **33418** | Lithium battery pack for i-PAD and i-PAD trainer (for 200 Shocks) |
| **33441** | Disposable pads - kit of 2 pcs |
| **33443** | Disposable pediatric pads - kit of 2 pcs |
| **33422** | Carrying bag |
| **33423** | Wall cabinet with alarm sound |
| **33403** | IrDa connector for data communication + software for event recording download with key file |

33405

Size: 32.5x34x18 cm
33423

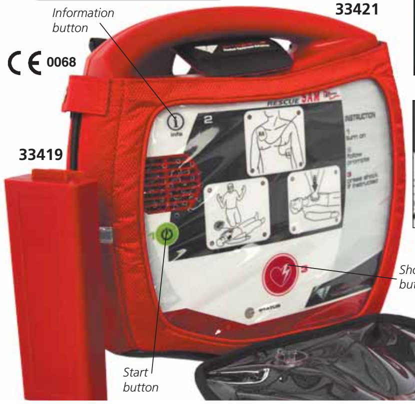
33422

**TECHNICAL SPECIFICATIONS**

Operating mode: Semi-automatic
Waveform: e-cube biphasic (Truncated exponential type); impedance compensated
Energy: 200J fixed
Adult: nominal 200J into a 50 ohm load
Infant/child: nominal 50 joules into a 50 ohm load
Shock energy accuracy: Within ±3% (200J into 50 Ω)
Shock to shock cycle time: Typically less than 20 seconds
Protocol: Voice prompts and indicators guide through protocol
Charge control: Automatic by Software (Arrhythmia Detection System and Charging Control)
Charge time from “Shock advised”: < 10 seconds, typical
Voice instruction: Voice messages guide through use of defibrillator
Controls: Shock Button, i-Button, On/Off Button
Indicators: 7 LEDs (different colours), i-Button
Patient isolation: Type BF, defibrillation protected
Battery: 12 Volt DC, 4.2 Ah, lithium manganese dioxide, disposable long-life primary cell
Battery capacity: Min. 200 Shocks or 4 hours of operating time
Data recording: Data Stored: First 40 minutes of ECG and the entire incident’s events and analysis decision
Size - Weight: 220x260x70 mm - 2.2 kg (4.84 lbs) with battery pack

# RESCUE SAM AED DEFIBRILLATORS - SEMI OR FULL AUTOMATIC

5 YEARS WARRANTY
MADE IN ITALY



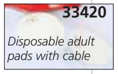
Semi automatic

Full automatic

Semi or full automatic external defibrillators designed for public use by minimally trained people. They provide easy and simple indications for rescue operations. Designed to treat Ventricular Fibrillation (VF) and Fast Ventricular Tachycardia (VT). Supplied with lithium battery, set of adult pads and manual. According to AHA/ERC Guidelines 2010. Made in Italy.

| RESCUE SAM DEFIBRILLATOR - Semi automatic | | | | |
|---|---|---|---|---|
| English | Italian | French | Spanish | Other languages* |
| **33425** | **33426** | **33427** | **33430** | **33559** |
| *Other languages available in 20 days: DE, PL, RU (manual and voice), PT, CZ, FI, GR, LT, NL, RO, TR, KR, TH (voice with English manual)* | | | | |
| **RESCUE SAM DEFIBRILLATOR - Full automatic** | | | | |
| **33165** | - | **33167** | - | - |
| *German available on request in 20 days* | | | | |
| **TRAINER FOR SEMI-AUTOMATIC RESCUE SAM** | | | | |
| **33170** | **33171** | - | - | **33174** |
| *Trainer: other languages available in 20 days: ES, FR, PL (voice only)* | | | | |

| GIMA code | ACCESSORIES FOR RESCUE SAM DEFIBRILLATORS |
|---|---|
| **33558** | USB PC interface |
| **33419** | Lithium battery pack |
| **33458** | Disposable pediatric pads (kit of 2) |
| **33451** | Disposable adult pads (kit of 2) |
| **33420** | Disposable adult pads (kit of 2) and cable |
| **33421** | Carrying bag |


33420
Disposable adult pads with cable

USB interface
33558

**TECHNICAL SPECIFICATIONS**

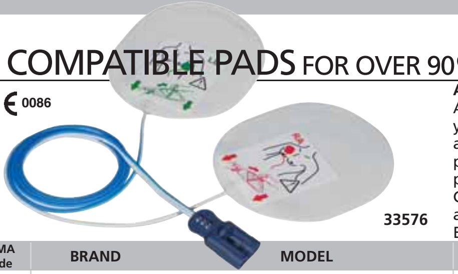
Operating mode: Semi-automatic or Full-automatic
Waveform: BTE (Biphasic Exponential Truncated) impedance compensated
Energy: 200 J fixed
Charge control: Automatic by software (Arrhythmia Detection System and charging control)
Charge time: < 8 seconds, typical with new battery
Shock delivery vector: adult pads in the anterior (Lead II) position or reduced energy paediatric pads in anterior-posterior position
Voice instructions: Vocal and optical message guide
Automatic manual tests: Battery insertion test and daily self tests
Long life lithium battery: 12 Volt DC, 4.2 Ah, $LiMnO_2$ disposable
Battery capacity: 200 shocks or 4 hours of continuous operating time
Data recording, stored: first 60 minutes of ECG and the entire incident's event
Size-weight: 30x28xh 9 cm - 2.3 kg with battery

33170

***TRAINER AED RESCUE SAM PRO***

*Designed to effectively train emergency responders to the use of RESCUE SAM, thanks to simple, clear, spoken and visual instructions.*
*5 pre-programmed scenarios selected directly by the remote control.*
*Totally safe real shock simulation.*
*Supplied with remote control, training pads, battery charger.*

# COMPATIBLE PADS FOR OVER 90% OF DEFIBRILLATORS ON THE MARKET


CE 0086

33576

**ADULT COMPATIBLE PADS - disposable**

A range of compatible pads BSI certified for patients >8 years (25 kg) for most defibrillators on the market. Excellent adherence and adequate gel thickness. Includes a couple of pads, cable and connector. Maximum shelf life 30 months from production date. Latex free.

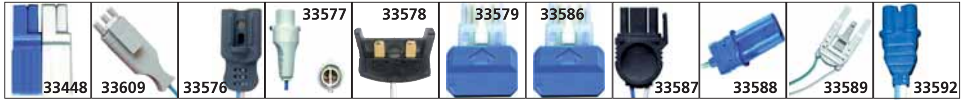
Compliance to regulations: Directive 93/42/EEC and amendments. Class IIb medical device. ANSI/AAMI: DF-80; IEC/EN: 60601-1, 60601-2-4; ISO: 10993-1. Made in Italy.

| GIMA code | BRAND | MODEL |
|---|---|---|
| **33576** | **Agilent-Philips** | - Heartstream/HeartStart XL M4735A<br>- Heartstream/HeartStart XLT M3500B<br>- HeartStart XL 861290<br>- HeartStart 4000 M5500B<br>(all with Philips cable M3508A) |
| **33577** | **Agilent Hewlett-Packard** | - Codemaster 100-XE-XL-XL+<br>- Heartstream XL, XLT, XL+<br>with cable M3507A |
| **33579** | **Artema Innomed** | - Cardio Aid 100 - 200 - 200B - 360B - XL - XL+ |
| **33579** | **Artema S&W** | - Cardio Aid LS - MC - MC+ |
| **33587** | **Cardioline** | - Elife 700 |
| **33448** | **Cmos Drake** | - Futura |
| **33448** | **CU Medical System** | - i-PAD NF1200 |
| **33578** | **Defibtech** | - DDU 100 Lifeline AED - DDU 120 Lifeline Auto AED |
| **33579** | **Drager** | - Cardiolog 2000 |
| **33586** | **Esaote** | - MDF SAED - MDF II |
| **33579** | **Innomed** | - CardioAid 200B - 200 - 100 - 360B - XL+ - XL |
| **33577** | **Laerdal Medical** | - HeartStart 4000 |
| **33589** | **M&B** | - AED 7000 |
| **33587** | **Medtronic-Physiocontrol** | - Lifepak 9 connector Quick-Combo<br>- Lifepak 10 - 12 - 15 - 20 - 500 AED<br>pink or grey socket - 1000 AED |
| **33609** | **Metrax Primedic** | - Heartsave AED - AED-M - 6 - 6S<br>since S.N. 739xxxxxxx<br>- Defimonitor XD |

| GIMA code | BRAND | MODEL |
|---|---|---|
| **33587** | **Mindray** | - Beneheart D3 - Beneheart D6 |
| **33579** | **MRL** | Life - Lifequest |
| **33579** | **Nihon Kohden** | Cardiolife TEC 2202 - 2203 - 5500 -<br>7531 - 7600 - 7700 - 8251 all with cable<br>JC-755V, TEC 8300 with cable JC855V |
| **33587** | **Osatu Bexen** | - Reanibex 200 - 300 - 500 - 700 - 800 |
| **33576** | **Philips Laerdal Medical** | - Heartstream Fore Runner I AED models E, S, EM<br>- Heartstart FR1 AED 940010XX - 940020XX - 940030XX<br>- Heartstart FR2 AED M3841A - M3861A<br>- Heartstart FR2+ AED, with ECG module M3840A, M3860A<br>- Codemaster M1722A/B, M1723A/B, M1724A, M2475B<br>(with Philips cable M3507A and pad adapter 05-200)<br>- Heartstart MRx M3535A (with Philips cable M3508A) |
| **33588** | **Schiller** | - Fred Easy - Fred Easy 2G<br>- Defigard DG4000 - DG5000 - DG6002 |
| **33586** | **Schiller** | - Defigard DG1002 - DG3002 - DG2000 EDOS |
| **33592** | **Schiller** | - Fred easy port - Argus PRO Lifecare<br>- Argus PRO Lifecare 2<br>- Cardiovit AT 101 Easy |
| **33579** | **S&W** | - Cardio Aid LS - MC - MC+ |
| **33579** | **Welch-Allyn** | - AED 10 - AED20<br>- PIC30 - PIC40 - PIC50 |
| **33589** | **Zoll Medical Corp** | - Zoll PD 1200 - 1400 - 1600 - 1700 -<br>2000 - M series - E series - R series |

*Connectors to defibrillator of compatible pads*

*Multilanguage envelope: English, Italian, French, German, Spanish, Portuguese, Greek, Dutch, Russian, Swedish*



# PEDIATRIC COMPATIBLE PADS WITH ENERGY REDUCTION SYSTEM

**PEDIATRIC COMPATIBLE PADS - disposable**

These pads have an energy reduction system: defibrillator output of 150J (33606) or 200J (33603) is reduced to 50J. International RCP guidelines state 8 years as limit age for pediatric treatment, corresponding to about 25 kg according to standard growth curves. Compliance to regulation as above adult compatible pads. Latex free. Made in Italy.

| GIMA code | BRAND - MODEL |
|---|---|
| **33603** | **Medtronic-Physiocontrol**<br>- Lifepak 500 AED pink socket - Lifepak 1000 AED<br>- Lifepak CR plus AED - Lifepak Express AED |

33603

| GIMA code | BRAND - MODEL |
|---|---|
| **33606** | **Philips Laerdal Medical**<br>- Heartstart FR2 AED M3841A & M3861A<br>- Heartstart FR2 AED, with ECG module 3840A, M3861A |

33606

# ORIGINAL CU, PRIMEDIC AND PROGETTI PADS

| GIMA code | BRAND - MODEL |
|---|---|
| | PEDIATRIC PADS |
| | **CU Medical System** |
| **33569** | CU-ER1, CU-ER2, CU-ER3 |
| **33443** | iPad NF 1200 |
| **35345** | CU-SP1, CU-SP2 |
| | **Metrax-Primedic** |
| **35390** | HeartSave Pad, AED, AED-M, 6, 6S<br>since S.N. 739xxxxxxx |
| | **Progetti** |
| **33458** | Rescue Sam, Rescue 230,<br>Rescue Life 5.7" and 7" |

35345

| GIMA code | BRAND - MODEL |
|---|---|
| | ADULT PADS |
| | **CU Medical System** |
| **33565** | CU-ER1, CU-ER2, CU-ER3 |
| **33441** | iPad NF 1200 |
| **35344** | CU-SP1, CU-SP2 |
| | **Metrax-Primedic** |
| **35392** | HeartSave Pad, AED, AED-M, 6, 6S<br>since S.N. 739xxxxxxx |
| **33388** | HeartSave Pad, AED, AED-M, 6, 6S<br>up to S.N. 738xxxxxxx |
| **35380** | Defimonitor XD1, XD3, XD10, XD30,<br>XD100, XD300, XD110, XD330 |
| | **Progetti** |
| **33451** | Rescue Sam, Rescue 230, Rescue Life 5.7 "and 7" |

33441

# PRIMEDIC™ EXTERNAL DEFIBRILLATORS - AED

PRIMEDIC HeartSave product range is easy to operate and offers fast operation. Clear voice prompts guide first aiders through the rescue procedure.

**Current controlled defibrillation - CCD**

CCD Biphasic technology delivers peak-free current defibrillation on the patient's heart muscle through its individualized, gentle, effective and current-controlled defibrillation pulse. Featuring an escalating defibrillation strategy, HeartSave is impedance compensated and capable of a maximum energy of 360J.

**Effective workflow**

HeartSave is designed to help first aiders delivering the most effective life support. Through its advanced workflow, HeartSave supports the rescuer in minimizing the perishock pause as well as no-flow fraction.

**Pediatric mode**

At a touch of a button the Paediatric Mode can be promptly selected. No need of dedicated paediatric electrodes and extreme ease of use result in optimized costs of maintenance and prompt operation.

**Fast**

It turns on automatically as soon as the cover has been opened and rhythm analysis starts immediately as the pre-connected electrodes are attached to the patient. All accessories (razor, breathing mask, scissors and gloves) are included.

**Status display**

Active status display provides comprehensive information on the device's operating status and battery status (daily and monthly self-tests).

**HEARTSAVE PAD and HEARTSAVE AED**

Automatic external defibrillator with 3 years life (PAD) or 6 years life (AED) in standby mode with non rechargeable lithium battery.
The HeartSave AED has 4 selectable languages.

**HEARTSAVE AED-M**

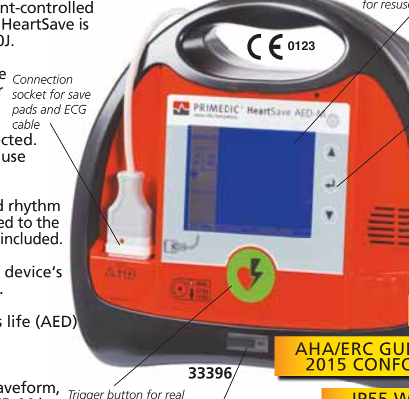
Same features as HeartSave AED, plus large LCD display for ECG waveform, HR, shockable rhythm counts and other relevant information. AED-M is supplied with non rechargeable lithium battery

**HEARTSAVE 6**

For professional and non professional users. In addition to the AED-M features, HeartSave 6 offers both AED and MANUAL mode, 6 leads ECG, alarms and SYNC for Cardioversion.

CCD CURRENT CONTROLLED DEFIBRILLATION

PRIMEDIC™ Saves Life. Everywhere.


CE 0123

*High resolution LCD monitor gives important information for resuscitation*

*Size approx 26x26x8.5 cm*

*Menu button*

*Connection socket for save pads and ECG cable*

33396

*Trigger button for real single-button operation. You can save a life with only one button.*

*Status display*

EN 1789

AHA/ERC GUIDELINES 2015 CONFORMITY

IP55 WATER-CLASS-PROTECTED

MADE IN GERMANY

| HEART SAVE EXTERNAL DEFIBRILLATORS | Voice version and manual | | | |
|---|---|---|---|---|
| **WITH LITHIUM BATTERY 140 DISCHARGES AT 360J 3 YEARS STANDBY** | Italian | English | French | Other languages** |
| HeartSave PAD | **33393** | **33395** | **33398** | **33402** |

*** We can provide following languages (voice + manual): ES, PT, GR, DK, FI, CZ, PL, DE, SE BG, RU, TR, AE, IR, BR, HU, TH, JP, RO, SI, IL. Only voice: MK, HR, FI, NL, LT, IS, IL, KT, TR, IR, BR, JP. Only manual NO.*

| **AED** **WITH LITHIUM BATTERY 200 DISCHARGES AT 360J 6 YEARS STANDBY** | English<br>Spanish<br>Greek<br>Portuguese | Italian<br>French<br>German<br>Polish | Other languages*** |
|---|---|---|---|
| HeartSave AED | **33391** | **33392** | **33394** |
| HeartSave AED-M | **33396** | **33397** | **33399** |

| **WITH AKUPAK LITE RECHARGEABLE BATTERY AND CLIP CHARGER** | English<br>Italian<br>Spanish<br>French | English<br>Spanish<br>Greek<br>Portuguese | Italian<br>French<br>German<br>Polish | Other languages*** |
|---|---|---|---|---|
| HeartSave AED-M | **33440** | - | - | **33446** |
| HeartSave 6 | - | **33452** | **33453** | **33456** |

****We can provide following languages (voice + manual): BG, CZ, DK, FI, HR, HU, MK, NL, NO, RO, RU, SE, SI, TR, AE, CN, IR, TH. Please specify with order. Available in 40/60 days.*

| **SAVEPADS**<br>**Self-adhesive electrode, cable, razor and gloves - shelf life 3 years** | GB, IT, FR, ES | Other languages |
|---|---|---|
| SavePads mini for 1-8 years max 25 kg | **35390** | **35391** |
| SavePads preconnect for over 8 years, 25 kg *Since S. N. 739xxxxxxxx* | **35392** | **35393** |
| SavePads for over 8 years 25 kg *Only for 33384/5 and AED sold before April 2014 up to S.N. 738xxxxxxx* | **33388** | **33386** |
| **ACCESSORIES - SPARES** | | |
| Lithium BATTERY - not rechargeable life 6 years for AED and AED-M | **33387** | **33387** |
| AkuPak Lite Rechargeable battery***** | **33400** | **33400** |
| PowerPak Battery charger for code 33400 | **33407** | **33407** |
| Flashcard ERC guidelines update (2010 to 2015)**** | **33401** | **33401** |

*****For defibrillators sold up to December 2010 - Specify serial number with order* *******For AED-M and HeartSave*

**STANDARD ACCESSORIES**

Lithium battery, 3 years stand-by (140 shocks @360J), (PAD only)
Lithium battery, 6 years stand-by (200 shocks @360J), (AED, AED-M*)
AkuPak Lite, rechargeable battery with clip charger, (AED-M*, HS6)
ECG cable 3 leads (HeartSave 6 only)
SavePads
Data and voice recording Manual

**AED-M is available with lithium battery or with Akupak Lite rechargeable battery. Select code for requested model*

**TECHNICAL SPECIFICATIONS**

| | PAD | AED | AED-M | HS6 |
|---|---|---|---|---|
| **Defibrillation** | | | | |
| Semi-automatic mode | • | • | • | • |
| Manual mode | | | | • |
| Wave: biphasic, current controlled pulse | • | • | • | • |
| Energy 50-360J | • | • | • | •* |
| Charging time: < 12 sec @ 360J | • | • | • | • |
| Operating modes: asynchronous | • | • | • | •** |
| Paediatric mode | • | • | • | • |
| **ECG** | | | | |
| Lead: II | | | • | |
| I, II, III, aVR, aVF, aVL | | | | • |
| Patient's impedance range: 23-200 Ohm | • | • | • | • |
| Heart rate: 30-300 per min | | | • | • |
| **VF:VT Detection** | | | | |
| VF/VT Detection | • | • | • | • |
| Analysis time 7-12 sec | • | • | • | • |
| Asystole threshold <0.2mV | • | • | • | • |
| Artefact-Pacemaker detection | • | • | • | • |
| **Electrodes** | | | | |
| Non polarized electrodes, cable length 2 m | • | • | • | • |

| | PAD | AED | AED-M | HS6 |
|---|---|---|---|---|
| **LCD Monitor** | | | | |
| 95x72 mm (diagonal 4.7"/120 mm) | | | • | • |
| 320x240 (pixel size 0.36x0.36 mm) | | | • | • |
| Storage battery status display | | | • | • |
| Speed 25 mm/s | | | • | • |
| Heart rate, number of defibrillation, number of VF/VT, total resuscitation time | | | • | • |
| **Data backup** | | | | |
| Removable memory | • | • | • | • |
| Voice recording | • | • | • | • |
| **Power supply** | | | | |
| Lithium battery 3 years life or 140 discharges at 360J | • | | | |
| Lithium battery 6 years life or 200 discharges at 200J - 15 hours monitoring | | • | •*** | |
| AkuPak Lite with rechargeable battery 100-240 V, 50/60 Hz - 150 discharges at 200J - 5 hours monitoring | | | •**** | • |
| **Status display** | | | | |
| Defibrillator and battery status visualization | • | • | • | • |

**20-360J* ***With sincronism for cardioversion in manual mode* ****33396/7/9* *****33440, 33446*

## PRIMEDIC™ DefiMonitor XD - PROFESSIONAL DEFIBRILLATORS

**DEFIMONITOR XD**

The sophisticated high performance instrument with multifunctional features.
It combines a compact product design, proved and tested in practice with the highest possible degree of safety and user friendly handling.
Range of 8 manual (XD1, XD3, XD10, XD30) or manual + AED (XD100, XD300, XD110, XD330) defibrillators with or without $SpO_2$ and external pacer.
Supplied with adult/pediatric paddles, disposable adult Save Pads, connect cable, ECG cable, power cable, 1 tube gel, 1 paper roll.
Standard software: GB, FR, DE, IT, ES, KT, PT, RO, TR, CN.
Manual: GB, IT (on request DE, ES, PT, RU, UA).
Other softwares available on request: CZ, FI, HU, NL, NO, PL, RU, SE, DK, GR, LT, JU, AE, BR, CN, IR, JP, TH, US.

*Size: 33x29x16 cm*

| GIMA code | DefiMonitors XD |
|---|---|
| **35370** | DefiMonitor XD1 manual |
| **35371** | DefiMonitor XD3 manual + $SpO_2$ |
| **35372** | DefiMonitor XD10 manual + pacer |
| **35373** | DefiMonitor XD30 manual + $SpO_2$ + pacer |
| **35374** | DefiMonitor XD100 manual + AED |
| **35375** | DefiMonitor XD300 manual + AED + $SpO_2$ |
| **35376** | DefiMonitor XD110 manual + AED + pacer |
| **35377** | DefiMonitor XD330 manual + AED + $SpO_2$ + pacer |

| GIMA code | Accessories for DefiMonitors XD |
|---|---|
| **35380** | SAVE PADS Connect GB, FR, IT, ES (require cable 35384) |
| **35383** | SAVE PADS Connect other languages (require cable 35384) |
| **35384** | Connect cable for SAVE PADS Connect 35380/3 - spare |
| **33400** | AKuPak LITE rechargeable battery |
| **35386** | Charge base for 33400 for DefiMonitor XD |
| **35387** | Paper roll 58 mm x25 m - box of 10 |
| **35388** | DefiMonitor carrying bag with shoulder strap |

**TECHNICAL SPECIFICATIONS**

|  | XD1 | XD3 | XD10 | XD30 | XD100 | XD300 | XD110 | XD330 |
|---|---|---|---|---|---|---|---|---|
| **Defibrillation** |  |  |  |  |  |  |  |  |
| Wave: biphasic, current controlled impulse | • | • | • | • | • | • | • | • |
| Energy (automatic mode) 140-360 J | • | • | • | • | • | • | • | • |
| Manual energy stages: 5J, 10J, 20J, 30J, 50J, 100J, 200J, 300J, 360J | • | • | • | • | • | • | • | • |
| Charging time: < 6 sec at 200 J | • | • | • | • | • | • | • | • |
| Cardio version: manual activation, QRS marker | • | • | • | • | • | • | • | • |
| **ECG** |  |  |  |  |  |  |  |  |
| Derivation: Eindhoven I, II, III | • | • | • | • | • | • | • | • |
| Goldberger, aVR, aVF, aVL | • | • | • | • | • | • | • | • |
| Patient's resistance: 23-200 Ohm | • | • | • | • | • | • | • | • |
| Heart rate: 30-300 per min | • | • | • | • | • | • | • | • |
| **VF: recogniton** |  |  |  |  |  |  |  |  |
| VF recogniton |  |  |  |  | • | • | • | • |
| Analysis time 7-12 sec |  |  |  |  | • | • | • | • |
| VF threshold 200 µV |  |  |  |  | • | • | • | • |
| Asystole threshold < 200 µV |  |  |  |  | • | • | • | • |
| Artefact, Pacemaker detection |  |  |  |  | • | • | • | • |
| **Pulse Oximeter** |  |  |  |  |  |  |  |  |
| Nellcor Oximax |  | • |  | • |  | • |  | • |
| **Pacer** |  |  |  |  |  |  |  |  |
| Transthoracic heart pacemaker |  |  | • | • |  |  | • | • |
| Modes: fix, demand, overdrive |  |  | • | • |  |  | • | • |
| **Thermal printer** |  |  |  |  |  |  |  |  |
| Resolution: 200 dpi | • | • | • | • | • | • | • | • |
| Advance: 25 mm/s, 50 mm/s | • | • | • | • | • | • | • | • |

|  | XD1 | XD3 | XD10 | XD30 | XD100 | XD300 | XD110 | XD330 |
|---|---|---|---|---|---|---|---|---|
| **TFT LCD blue-mode monitor** |  |  |  |  |  |  |  |  |
| 115x86 mm (diagonal 5.7"/144 mm) | • | • | • | • | • | • | • | • |
| 320x240 pixels | • | • | • | • | • | • | • | • |
| **Electrodes** |  |  |  |  |  |  |  |  |
| Adhesive electrodes, 3 years shelf life | • | • | • | • | • | • | • | • |
| Cable length 3.5 m Save pads connect | • | • | • | • | • | • | • | • |
| **Data backup** |  |  |  |  |  |  |  |  |
| Removable memory 2 GB | • | • | • | • | • | • | • | • |
| Data/Voice recording up to 35 h | • |  | • |  | • |  | • |  |
| **Power supply** |  |  |  |  |  |  |  |  |
| Voltage 90-264 V, 50/60 Hz | • | • | • | • | • | • | • | • |
| **Rechargeable Lithium-ion battery ($LiFePO_4$):** |  |  |  |  |  |  |  |  |
| Capacity 2.5 Ah Voltage: 13.2 Vdc | • | • | • | • | • | • | • | • |
| Discharges 160-200 J | • | • | • | • | • | • | • | • |
| Monitoring 5.30 h Charging time: 3.2 h | • | • | • | • | • | • | • | • |
| **Resuscitation guidelines** |  |  |  |  |  |  |  |  |
| AHA/ERC | • | • | • | • | • | • | • | • |
| **Standards** |  |  |  |  |  |  |  |  |
| IEC60601-1:1988+A1:1991+A2:1995 (Electrical Safety of Med. Electrical Devices) | • | • | • | • | • | • | • | • |
| IEC60601-1-2:2001 (Electromagnetic compatibility) | • | • | • | • | • | • | • | • |
| IEC60601-1-4:1996+A1:1999 (Programmable electrical medical systems) | • | • | • | • | • | • | • | • |
| IEC60601-2-4:2002 (Defibrillators) | • | • | • | • | • | • | • | • |
| EN1789:2003 (Ambulance standard) | • | • | • | • | • | • | • | • |
| Protection class IP33 | • | • | • | • | • | • | • | • |

## DEFI-B BATTERY DEFIBRILLATOR - MADE IN GERMANY

33380

*In emergency situation the well structured and logical operator guidance may save a life*

*Suitable for adult and children (reference norms ERC 2005 use of joule depending on kg).*

*Compact and handy: PRIMEDIC DEFI-B is easily transportable and immediately ready to use everywhere*

- **33380 DEFI-B DEFIBRILLATOR - 220 V**

The mobile security: PRIMEDIC DEFI-B is a state-of-the-art accumulator-driven defibrillator.
It was designed in accordance with strict requirements of emergency medical science. Fully developed and reliable technique, world-wide in use since years. PRIMEDIC DEFI-B is a battery supplied version and has proved successful in daily use in ambulances, with cardio sport groups and in hospitals.
The convincing advantages: PRIMEDIC DEFI-B is immediately ready for application and is not depending on the main power supply due to large accumulator capacity. After switching on, the defibrillator carry out an internal self-test. In order to ensure a functional optimal handling, the user is supported by clear instructions and pictograms. A shock-resistant plastic casing protects the device, especially under rough conditions.

- **33381 SPARE BATTERY**

**TECHNICAL SPECIFICATIONS**

Mode: Asynchronous, external defibrillator
Energy step: 20, 50, 100, 160, 250, 360 Joule
Discharges: 45 shocks at 360 Joule,
(10 reserve after signal "battery low")
Charging time: 2 sec up to 100 Joule,
4.5 sec up to 360 Joule
Paddles for children integrated
Accumulator: 14.4 V / 1.4 Ah
Charging time: 3.5 hours
Safety: Internal discharge of energy after 15 sec.
Internal self-testing and fault recognition
Protection class II, type BF
Mains voltage: 200-240 V 50/60 Hz
Dimensions: 40x48x12 cm (W x D x H) Weight: 8.5 kg

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## RESCUE 230 BIPHASIC MANUAL DEFIBRILLATOR

**RESCUE 230 BIPHASIC MANUAL DEFIBRILLATOR**

A range of 2 professional models with advanced features:
- BTE (Biphasic Truncated Exponential) discharge type
- impedance compensated energy delivery
- energy selection from 2 to 230 joule directly from the front panel
- charge time 5 sec for 230 joule with fully charged battery
- 100 shocks of 230 j with fully charged batteries
- charge/discharge control from the paddles
- ECG 'R' wave synchro mode or async mode
- large (5.7") high resolution backlight LCD display (320x240 dots)
- ECG through the paddles or through patient cable
- adjustable HR and $SpO_2$ alarms limits

- **33447 RESCUE 230 BIPHASIC DEFIBRILLATOR**
- **33457 RESCUE 230 BIPHASIC DEFIBRILLATOR WITH PACEMAKER** (rectangular pulse, pulse duration 22 msec, pulse max amplitude 150 V, stimulation frequency 30 to 150 BPM)
- **33458 DISPOSABLE PADDLES - box of 2 - pediatric**
- **33451 DISPOSABLE PADDLES - box of 2 - adult**
- **33449 CABLE/ADAPTOR FOR DISPOSABLE PADDLES**
- **33439 $SpO_2$ PROBE**
- **33250 THERMAL PAPER**

*Battery charging car plug on request*

33447

**TECHNICAL SPECIFICATIONS**

**Display:**
- large (5.7") high resolution backlight LCD display (320x240 dots)
- ECG through the discharge paddles (1 trace) or through 4 leads patient cable (6 traces): I, II, III, aVR, aVL, aVF
- Automatic change over when plugging the patient cable
- Filters: 50/60 Hz, base line, low pass
- heart rate indicator

**Printer:**
- auto printing mode
- integrated thermal printer for ECG traces and events documentation hardcopy
- paper speed 5, 10, 25 mm/sec (paper width 58 mm)

**Safety:**
- two hands safety shock release
- ECG input insulation CF class
- internal discharge after 30 sec of standby after charge

Power supply: internal Ni-Cd high capacity batteries (charging time 95%: 2 hours)
universal mains adaptor charger 110/220 VAC, 50/60 Hz
Dimensions: 34x26x13 cm Weight: 5.5 kg Made in Italy

*Adult and pediatric standard pads*

33451

*Optional paddles for monitoring*

**STANDARD ACCESSORIES**

| | |
|---|---|
| Internal Ni-Cd high capacity battery | Printer |
| Carrying case | 1 paper roll |
| Patient cable 4 leads | 2 reusable paddles |
| Manual GB, IT, on request ES, TR | Mains adaptor charger |
|  | Disposable paddle*+cable* |

**Only for 33457*

## AMBU® TRAINING MANIKINS

- **34044 AMBU® MAN COMPRESSION**

34044

A basic instruction and training manikin for the practice of external chest compression that meets recommendations of AHA (American Heart Association) and ERC (European Resuscitation Council). With the size of a normal adult torso, provides a life-like representation of human anatomy.
**Indicator for correct compression**
The manikin includes an indicator bar that shows the correct compression depth, changing colour from red to green.
**Compact and portable**
**Easy AED training**
Due to the closed shaped torso, defibrillation pads can be placed and AED training can be performed realistically.
Weight: 2.0 kg
Size: 45x37x25 cm
Max compression depth: 7.5 cm
Manual in: GB, FR, IT, ES, DE, PT, GR, HU, DK, PL, NO, SE, SI, CZ, TR, JP, CN.

- **34047 AMBU® MAN BASIC**

34047

Cost efficient and reliable training manikin designed to fulfill all requirements for the BLS algorithm training. The closed shaped torso with its anatomical correct landmarks allows trainees to learn and train the use of Automatic External Defibrillators (AED) and the placement of pads. It allows an optimal training of chest compression in combination with realistic ventilation. The unique hygienic system prevents cross contamination.
It allows a realistic ventilation resistance and expiration through mouth and nose. The correct compression depth and required ventilation volume can be monitored by the feedback indicator on the manikin.
**Ventilation as in real life**
The trainees will feel the realistic airway resistance and the chest will start rising when the head is correctly tilted and air blown into the manikin.
Weight: 6.0 kg. Size: 70x37 cm
Max ventilation: 1,200 ml
Max compression depth: 7.5 cm
Manual in: GB, FR, IT, ES, DE, PT, HU, DK, NL, PL, CZ, TR.

- **34039 HEAD BAG - box of 100 pcs**

- **34042 AMBU® AIRWAY MAN I**
- **34049 AMBU® AIRWAY MAN W with CPR**

34042

*Size: 80x35 cm*
*Weight: 13 kg*

Adult-sized training manikins that provide an optimal lifelike representation of the human anatomy.
**Mechanical instrument** gives you instant feedback on ventilation volume, stomach inflation, chest compression depth in mm and wrong hand position.
**PC connection** (34049 only) of Ambu CPR Software Kit, Ambu CPR Printer or USB Interface.
**Make intubation** possible with ET tube, Guedel, Laryngeal Mask and combi-tube.

Ambu Airway man includes torso with hooks for arms, computer interface with CPR software kit (34049 only), supplied in track suit jacket and training mat. CPR software kit selectable languages: GB, FR, IT, ES, DE, PT, PL, DK, HU, NL, RU, JP.

- **34043 COMPLETE SET: ARMS, LEGS, TROUSERS AND BAG**

# RESCUE LIFE MANUAL AND SEMIAUTOMATIC DEFIBRILLATORS

*Bright, high contrast, wide-angle TFT LCD colour display 5.7" to view simultaneously up to 3 ECG channels*

***Ergonomic design.*** *Impact proof, compact and lightweight. Comfortable and washable carrying bag keeps all accessories at hand and protects Rescue*

***Memory and data management.*** *Simple commands, extremely intuitive and easy to use. Immediate access to main setup parameters using only trim knob and function keys*

RESCUE 7 ONLY:
- 7" TFT COLOUR DISPLAY
-AUTOMATIC SELF TEST

MADE IN ITALY

AVAILABLE WITH:
- $SpO_2$
- NIBP
- PACEMAKER

YOU MAY ORDER UNIT WITH 1 TO 3 OF ABOVE PARAMETERS

***Fast connection.***
*User can choose between ergonomic reusable paddles for manual defibrillator or disposable pads for AED defibrillation.*
*Both types are equipped with a single fast lock connection for reliable rescue operations*

**Large TFT LCD colour display 7"**

*Adult and pediatric reusable paddles*

**RESCUE LIFE BIPHASIC DEFIBRILLATORS 5.7" and 7"**
Rescue Life is an external defibrillator with monitor. It is designed to be used by out-of-hospital and hospital users. Lightweight, transport facility, attractive line, ergonomic shape, studied in every details. It is a complete acute cardiac care response system designed for Basic Life Support (BLS) and Advanced Life Support (ALS) patient management protocols. The IPX4 standard permits the operation under adverse climatic situations. Rescue Life is totally MADE IN ITALY.

**$SpO_2$ and pacemaker**
Range includes models with pacemaker and $SpO_2$. ECG module for monitoring (not for diagnosis) includes up to 12 derivations standard 5 leads patient cable (for I, II, III, aVL, aVR, aVF) or optional 10 leads patient cable (for 12 derivations).

**NIBP**
The NIBP option is focused on advantage A+ module of SunTech Medical that provides the highest NIBP performance during movements. Suitable for adult, pediatric and neonatal.

**High contrast TFT LCD colour display 5.7" or 7" (Rescue Life 7)**
Bright, high contrast, wide-angle colour display for simultaneous view of up to 3 ECG channels

**Data management**
The memory is based on a flash disk of 4 GB for 300 recorded hours for all AED models

**Asynchronous and synchronous**
- in *asynchronous* defibrillation, Rescue is advised on patients with the following symptoms: unconsciousness, absence of normal breathing and lack of detectable pulse.
- in *synchronous* defibrillation, Rescue Life is advised on patients with ECG's reporting Atrial Fibrillation.

**3 operation modes: manual, AED, Advisory**
- in *manual mode* RESCUE LIFE is intended for use by doctors and trained individuals. Only 3 steps: energy selection from 1 to 230J, energy charge and shock.
- in *AED mode*, RESCUE LIFE is intended for use by personnel authorized by a physician or medical director. The voice prompts and display messages are assisting the operator during CPR operations, charging automatically to 150J when a shock-able ECG rhythm is detected.
- in *advisory Mode*, the system alerts when the shock is necessary leaving the energy level and charging choice to the operator.

**Initialising and system test at switching on of the device (Rescue Life 7 only)**
Auto test and fault recognition (Rescue Life 7 only).

**Clinical test**
Available on our web site.

**STANDARD ACCESSORIES**
Internal Ni-Mh battery (Rescue 5.7")
Internal Li-Ion battery (Rescue 7")
2 adult and pediatric reusable paddles
Manual: GB, IT
Printer
1 paper roll
Patient cables 5 leads
2 disposable pads (AED only)
Main adaptor charger

| English | Italian | Other languages | RESCUE LIFE 5.7" DEFIBRILLATORS |
|---|---|---|---|
| 33590 | 33537 | 33538* | Rescue life defibrillator |
| 33597 | 33540 | 33541* | Rescue life defibrillator with $SpO_2$ |
| 33591 | 33543 | 33544* | Rescue life AED defibrillator with pacemaker |
| 33598 | 33545 | 33546* | Rescue life AED defibrillator with $SpO_2$ |
| 33547 | 33548 | 33549* | Rescue life AED defib. $SpO_2$+NIBP+Pacemaker |
| | | 33539** | Rescue life AED defib. other configuration |

**On request we can offer Rescue Life and Rescue Life AED in Spanish and French*
***On request we can offer Rescue Life and Rescue Life AED with $SpO_2$+NIBP, $SpO_2$+Pacemaker (available in GB, FR, IT, ES)*

| English | Italian | RESCUE LIFE 7" DEFIBRILLATORS |
|---|---|---|
| 33182 | 33183 | Rescue Life 7 defibrillator |
| 33185 | 33186 | Rescue Life 7 AED |
| 33188 | 33189 | Rescue Life 7 AED defib. other configurations* |

**On request we can offer Rescue Life 7 with $SpO_2$ NIBP or Pacemaker.*
*You can choose 1 to 3 of above parameters. *Available on request manual in FR and ES.*

| GIMA code | RESCUE LIFE ACCESSORIES |
|---|---|
| 33448 | Disposable paddles - box of 2 - adult - compatible |
| 33451 | Disposable paddles - box of 2 - adult - original |
| 33458 | Disposable paddles - box of 2 - pediatric - original |
| 33593 | Cable for disposable paddles |
| 33594 | ECG cable 10 leads |
| 33595 | Rescue Life bag |
| 33250 | Thermal paper |
| 33596 | 12V car light adapter - inverter |

**TECHNICAL SPECIFICATIONS**

**Display:**
- high contrast TFT colour LCD 5.7" (320x240 pixel) or LCD 7" (800x480 dots)
- ECG through the discharge paddles (1 trace) or through 5, 10 leads patient cable for 3, 6, or 12 traces and $SpO_2$ value
Automatic change over when plugging the patient cable
- filters: 50/60 Hz, base line, EMG
- heart rate indicator

**ECG monitoring**
- bandwidth: 0.5 to 120 Hz (-3db) with filters off
- speed: 5, 10, 25, 50 mm/sec.
- gain: 2.5, 5, 10, 20, 40 mm/mV with patient cable; auto with paddles
- HR digital readout on the display 20 to 300 bpm (± 2%)
- alarm: settable HR, min 20 bpm, max 250 bpm

**Pulse oxymetry ($SpO_2$) 33540-1-5-6-7-8-9, 33597-8 only**
- oxygen saturation range: 0 to 100%
- pulse rate range: 30 - 250 pulses per minute
- accuracy $SpO_2$: 70-100% ± 2 digits for adults using the finger clip sensor
- $SpO_2$ Alarms adjustable (min. 50%)

**Non-invasive pacemaker (33543-4, 33591, 33547-8-9)**
- rectangular wave
- operating mode: fixed on demand
- pulse rate: 0 to 180 ppm adjustable in steps of 5 ppm
- impulse duration: 22 ms
- pulse Current: 0 to 180 mA adjustable in steps of 5 mA
- amplitude: MAX 150 V

**NIBP (33547-8-9 only)**
- technique: oscillometric
- accuracy: meets ANSI/AAMI SP10-2002, EN 1060-4
- patient application: adult/pediatric/neonatal

| - range mmHg | adult | pediatric | neonatal |
|---|---|---|---|
| systolic | 40-260 | 40-160 | 40-130 |
| MAP | 26-220 | 26-133 | 26-110 |
| diastolic | 20-200 | 20-120 | 20-100 |

**Printer:**
- manual, automatic (10"pre and post recording)
- integrated thermal printer for ECG traces and events documentation including HR/$SpO_2$ values
- paper speed: 5, 10, 25, 50 mm/sec.
- paper width: 58 mm

**Safety:**
- two hand safety shock release
- ECG input insulation CF class
- internal discharge after 30 sec. of standby after charge

**Power supply:**
internal Ni-Mh battery (Rescue Life 5.7")
internal Li-Ion battery (Rescue Life 7")
(charging time 95%: 2 hours)
AC 100-240 VAC, 50/60 Hz
Memory: internal flash 4 GB up to 300 hours of ECG data, events and usage review

**General:**
Dimensions: 36x24x34 cm
Weight: 5.5 kg with battery

# DTS-3000 SMART PNEUMATIC TOURNIQUET SYSTEM

33138

33138
+
33139

**• 33138 DTS-3000 PNEUMATIC TOURNIQUET - 2 channels for 2 double cuffs or 2 single cuffs with 5 no pinch cuffs**
DTS-3000 provides stable operation, easy setup and effective alarm system for safe surgery in an operation room.

**System features**
- 2 channels (4 ports for 2 double cuffs or single cuffs)
- easy settings by touch key operation
- graphic LCD screen: easy checking and cleaning
- operation recording (date, time, pressure)
- LOP (Limb Occlusion Pressure) sensor to check limb occlusion pressure and set automatically the optimized pressure
- self test of pressure and system check
- self air pressure sensor calibration
- safety alarm system (cuff, pressure, battery, time)
- built-in battery (max life time: 12-72 hours)

**Full autoclavable no pinch cuffs included**
- no pinching, no damage to the skin
- lower pressure compared to normal cuff (about 50 mmHg lower)
- no leaking (main reason for lower pressure)

**• 33139 TROLLEY**

| Standard | No pinch | CUFFS for DTS-2000 and DTS-3000 | Size | |
|---|---|---|---|---|
| | | | Arm | Thigh |
| - | 33141 | Single cuff 61x9 cm - red | L | S |
| - | 33142 | Single cuff 80x9 cm - blue | | M |
| 33160 | - | Single cone cuff 70x10 cm | | |
| 33161 | 33144 | Single cone cuff 90x12 cm - blue | | L |
| - | 33145 | Double cuff 57x10 cm - blue | M | |
| - | 33146 | Double cuff 80x15 cm - red | | M |

*No pinch arm*

*Standard arm*

**STANDARD ACCESSORIES**
No pinch single cuff 61x9 cm - red - arm L or thigh S
No pinch single cuff 80x9 cm - blue - thigh - M
No pinch single cone cuff 90x12 cm - blue - thigh - L
No pinch double cuff 57x10 cm - blue - arm - M
No pinch double cuff 80x15 cm - red - thigh - M
Air hose
Power cord
LOP sensor
User manual (GB, IT)

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Max pressure: | 800 mmHg |
| Voltage: | Ac 100-240 V - 50/60 Hz |
| Power consumption: | 50 W |
| Time range: | 5-180 min. |
| Compressor dimension - weight: | 170x210x260 mm - 3 kg |

**INTENDED USE OF TOURNIQUET SYSTEM**
To be used by qualified medical professionals to temporally occlude blood flow in patient's extremities during surgical procedures. Tourniquet has been found useful in producing bloodless operation field in surgical procedures involving the extremities including:
- reduction of certain fractures
- Kirschner wire removal
- tumor and cyst excision
- subcutaneous fasciotomy
- nerve injuries
- bone grafts
- total wrist joint replacements
- replacement of joints in the fingers
- knee joint replacements
- amputations
- replantations
- tendon repair

# RIESTER INFUSION CUFFS

**• 32684 RIESTER METPAK® INFUSION CUFF - 500 cc - latex free**
**• 32685 RIESTER METPAK® INFUSION CUFF - 1,000 cc - latex free**
**• 32683 RIESTER METPAK® INFUSION CUFF - 3,000 cc - latex free**
Pressure cuff for infusion with high quality chrome-plated gauge Ø 49 mm up to 300 mmHg.
**Made in Germany.**

32684

*Sturdy blue cotton cuff washable at 60°*

# ECONOMIC INFUSION CUFF

32680

**• 32680 INFUSION CUFF - 500 cc**
Infusion cuff similar to above. Latex bladder and bulb. Made in Asia.

# PNEUMATIC TOURNIQUET

**• 33150 RIESTER PNEUMATIC TOURNIQUET with adult arm and thigh cuff - latex free bladder**
**• 33151 CHILD CUFF 38x8 cm - latex free bladder**
**• 33148 ADULT CUFF 57x9 cm - latex free bladder - spare**
**• 33149 THIGH CUFF 96x13 cm - latex free bladder - spare**
Reliable pneumatic tourniquet used during amputations to restrict blood circulation in the limbs. A robust and accurate manometer provide exact measurements and a long service life.
- sturdy metal pump to produce pressure
- air in the cuff can escape by opening the release valve
- chromium-plated metal manometer with easy-to-read aluminium scale up to 700 mmHg.

Supplied with 2 cuffs (upper arm 57x9 cm and thigh 96x13 cm) with latex-free bladders.

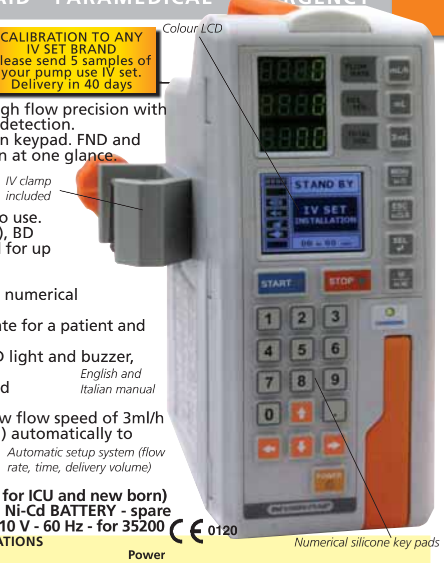
33150

## VOLUMETRIC INFUSION PUMP

CALIBRATION TO ANY IV SET BRAND
Please send 5 samples of your pump use IV set.
Delivery in 40 days

**• 35200 INFUSION PUMP IP-7700**
This pump using peristaltic method is a cutting-edge pump realizing high flow precision with compatibility with I.V. set of various brands through ultrasonic bubble detection.
IP-7700 provides simple and easy setup process with its numerical silicon keypad. FND and color LCD provides complete information and user gets the information at one glance.
Most infusion condition such as K.V.O. rate, purge rate and bolus can be setup as operating application. Supplied with battery.

**Main features**
- **Light and compact design:** light as 3.5 kg, compact design, and easy to use.
- **Standard compatibility with 4 brands of IV SET:** TERUMO (TS PA 200L), BD (A122), KOREAN VACCINE (1 and 2), ARIES. Each pump can be calibrated for up to 9 different IV set.
- **Flexible flow setting and easy operation method:** Flow-setting range of 1~1000 ml/h, 0,1~999,9 ml/h is available for wide range settings and numerical keypad is easy to use for setting flow-volume.
- **Full program dosage feature (option):** it can calculate the right flow rate for a patient and inject promptly.
- **Easy recognition of alarm:** it notifies errors and emergencies with LED light and buzzer, simultaneous visual and audio alarm system.
- **Notifying remaining battery:** battery LED is attached to notify charged battery showing remaining battery and when to recharge.
- **Keep Vein Open feature:** when reached preset value, it converts to low flow speed of 3ml/h (when IV set is 15, 19, 20 drops/ml) or 1ml/h (when IV set is 60 drops/ml) automatically to prevent flow route clog due to blood coagulation.
- **Ultrasonic air bubble detector**
- **Suitable also for VET use**


Colour LCD
IV clamp included
English and Italian manual
Automatic setup system (flow rate, time, delivery volume)
Numerical silicone key pads

**• 35202 DROP SENSOR - for more accurate dropping control (suggested for ICU and new born)**
**• 35211 DOSAGE AND PROFILE PROGRAM need Serial Number** **• 35203 Ni-Cd BATTERY - spare**
**• 26073 I.V. SET ARIES - box of 150 (6 bags of 25)** **• 35204 ADAPTER 110 V - 60 Hz - for 35200** CE 0120

**TECHNICAL SPECIFICATIONS**

**Flow volume setting range**
1~1000 ml/h (1 ml infusion interval)
0.1~999.9 ml/h (0.1 ml infusion interval)
**Flow volume error margin ±5%**
**Infusion limit volume range**
1~9999 ml
**Total estimated volume range**
1~9999 ml
**K.V.O rate (Keep Vein Open)**
1 ml/h ~ 10 ml/h adjustable
**Pump method** Peristaltic method
**Size (WxDxH)** 100x190x250 mm
**Weight** 3.5 kg (battery included)

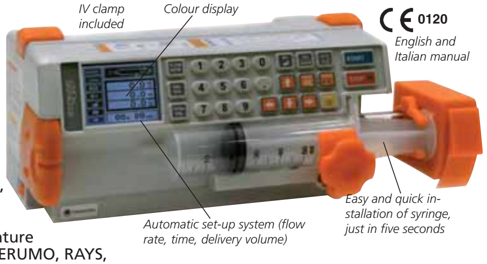
**Rapid flow volume (Purge)**
1-1000 ml/h adjustable
**Bolus** 1~1000 ml/h adjustable
**Alarm features**
Air in line, occlusion, flow error (free flow), door open, K.V.O. (Infusion completion), standby, low battery, alarm, device malfunction (CPU error), empty container (with optional drop sensor)
**Special features**
Keypad lock, retain memory, remaining time, alarm repeat, open system, K.V.O., purge, bolus, occ. level, history call-back.

**Power**
AC 230V, 50/60Hz and DC9.6V inner source adapter DC 12 / 24V - 2A Switchable at 110V / 60Hz - with adapter 35204
**Maximum power consumption** 40VA
**Electric protection levels**
Class II B, inner source device, CF type
**Waterproof level** IPX2
**Battery type** Ni-Mh rechargeable
**Battery using time**
4 hrs (when infusing 125 ml/h)
**Battery recharging time** Minimum 6 hours.
**Battery life** approx 6 months

## AUTO SYRINGE PUMP

CALIBRATION TO ANY SYRINGE BRAND
Please send 5 samples of your syringe.
Delivery in 60 days

**• 35205 SYRINGE PUMP SP-8800**
SP-8800 provides easy syringe installing through one-touch method by slider hook, simple and easy setup process with its numerical silicon keypad. Color LCD displays infusion information dramatically shortcut key manages easy approach for frequent functions. K.V.O. rate, purge rate, bolus and anti bolus can be setup as operating application. Supplied with battery.
**Flexible flow volume setting.**
**Full program dosage feature (optional):** it automatically calculates flow rate by patient's weight, injection's mass and melting.
**Keep Vein Open (K. V. O.) feature:** When reached to the preset value, it converts to low flow speed of 0.1 ml/h automatically to prevent flow route clog due to blood coagulation.
**Standard compatibility with 5 major brands of syringes*:** Setting feature enables you to choose from following syringe brands: BD (Precise), TERUMO, RAYS, PENTAFERTE, KOVA. Each pump can be calibrated for up to 9 different syringes. Alarm and notification feature: It notifies errors and emergencies with LED light and buzzer. Simultaneous visual and audio alarm. Occlusion error range setting: You can set the pressure level of occlusion stage to High, Medium and Low by patient's age condition. Suitable also for VET use.


IV clamp included
Colour display
CE 0120
English and Italian manual
Easy and quick installation of syringe, just in five seconds
Automatic set-up system (flow rate, time, delivery volume)

**• 35210 Ni-MH BATTERY- spare** **• 35204 ADAPTER 110 V - 60 Hz - for 35205**
**• 35211 DOSAGE AND PROFILE PROGRAM need Serial Number**
**• 23857 BD SYRINGES 50 ml LL - box of 60 - BD 300865**

**TECHNICAL SPECIFICATIONS**

**Flow volume setting range**
Syringe 10ml: 0.1-300 ml/h
Syringe 20ml: 0.1-400 ml/h
Syringe 30ml: 0.1-500 ml/h
Syringe 50ml: 0.1-1,200 ml/h
**Flow volume error margin ±3%**
**Infusion limit volume range**
0.1~999.9ml (0.1 ml infusion interval)
**Total estimated volume range**
0.1~999.9ml (0.1ml infusion interval)
**K.V.O rate(Vein maintaing function)**
1-10 ml/h adjustable
**Size (WxDxH)** 220x130x108 mm
**Weight** 2 kg (battery included)

**Rapid flow volume(Purge)**
0.1~1200 ml/h adjustable
**Bolus**: adjustable 0.1~1200 ml/h
0.1~1000 ml
**Alarm features**
Occlusion, K.V.O. (infusion completion), standby, near empty, low battery, device malfunction (CPU error), clamp/handle lever/slider disengaged, syringe disengaged.
**Special features**
Keypad lock, shortcut key, retain memory, remaining time, alarm repeat, open system, K.V.O., purge, bolus, anti bolus, occ. level, history call-back.

**Power**
AC 230V, 50/60Hz and DC9.6V inner source adapter DC 12 / 24V - 2A Switchable at 110V / 60Hz - with adapter 35204
**Maximum power consumption** 45VA
**Electric protection levels**
Class II B, inner source device, CF type
**Waterproof level** IPX2
**Battery type** Ni-MH rechargeable
**Battery using time** 2 hours
**Battery recharging time** Minimum 6 hrs.
**Battery life** about 6 months.

** We can calibrate our pumps for other syringe brands, please provide minimum 5 samples. Availability in 60 days.*

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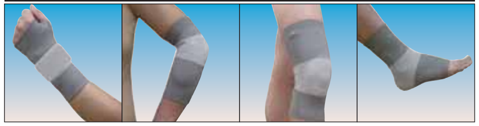
## PLASTER COVER FOOTWEAR

| GIMA code | PLASTER COVER EU SIZE |
|---|---|
| 28630 | N 36 |
| 28631 | N 37 |
| 28632 | N 38 |
| 28633 | N 39 |
| 28634 | N 40 |
| 28635 | N 41 |
| 28636 | N 42 |
| 28637 | N 43 |
| 28638 | N 44 |
| 28639 | N 45 |
| 28640 | N 46 |
| 28641 | N 47/48 |

Upper made of biocompatible synthetic materials mold resistant and breathable
Non-slip rubber sole

Cover plaster footwear to be worn over plaster or similar rigid bandage.
It can be worn immediately after application of the plaster because breathable.
The sizes are the same as for standard shoes, with appropriately increased fit.
The shape is symmetrical, then the same cover can be used indifferently on the right or left foot. Washable at 30°.

## ORTHOPEDIC SUPPORTS



*Wrist support* *Elbow support* *Knee support* *Ankle support*

Elastic knitting supports to fit body contour. Gel pad inside to release pressure for nerves, muscle, joints and improve stabilization. Hand washable.

| Size | WRIST | | ELBOW | KNEE | ANKLE | |
|---|---|---|---|---|---|---|
| | Left | Right | | | Left | Right |
| S | **28731** | **28741** | **28751** | **28761** | **28771** | **28781** |
| circumference | 15-16 cm | | 21-23 cm | 28-31 cm | 19-21 cm | |
| M | **28732** | **28742** | **28752** | **28762** | **28772** | **28782** |
| circumference | 16-17 cm | | 23-25 cm | 31-34 cm | 21-23 cm | |
| L | **28733** | **28743** | **28753** | **28763** | **28773** | **28783** |
| circumference | 17-18 cm | | 25-27 cm | 34-37 cm | 23-25 cm | |
| XL | **28734** | **28744** | **28754** | **28764** | **28774** | **28784** |
| circumference | 18-19 cm | | 27-29 cm | 37-40 cm | 25-27 cm | |

## ARM SLINGS

Suitable for supporting a sprained or broken arm during recuperation.
The shoulder strap is adjustable to allow a correct positioning of the arm. Stitched from cotton fabric requiring normal laundry care.
Fits any arm.
Available in 3 sizes.

| GIMA code | POUCH ARM SLINGS |
|---|---|
| 28624 | Arm sling - small |
| 28625 | Arm sling - medium |
| 28626 | Arm sling - large |

## UNIVERSAL ARM SLINGS

**• 28623 UNIVERSAL ARM SLING**
Universal arm sling with adjustable strap and loop contact closure.
Fits left and right.
Made in comfortable polypropylene material in navy colour.
Machine washable.

## SOFT AND RIGID COLLARS

**SOFT CERVICAL COLLARS**
This collar is made of soft expanded polyurethane lined with an anti - allergic 100% cotton fabric. Velcro fixing on the back.
Available in 3 sizes.

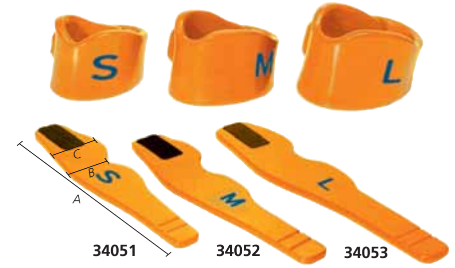
**RIGID CERVICAL COLLARS**
Made of polyethylene, with comfortable resting support in vinyl leather and height adjustable. Velcro straps on the back.
Available in 3 sizes.

Soft

Rigid

| GIMA code | SOFT AND RIGID NECK COLLARS X-Ray Translucent CE |
|---|---|
| 34600 | Rigid cervical collar 32-40 cm (neck circumference) |
| 34601 | Rigid cervical collar 41-46 cm (neck circumference) |
| 34602 | Rigid cervical collar 47-52 cm (neck circumference) |
| 34610 | Soft cervical collar 43x8 cm - small (h 7 cm) |
| 34612 | Soft cervical collar 46x8 cm - medium (h 8.5 cm) |
| 34614 | Soft cervical collar 49x10 cm - large (h 10.5 cm) |

## UNIVERSAL COLLARS



**UNIVERSAL CERVICAL COLLARS**
Collars made of foam coated PVC.
Washable, non toxic, with velcro straps.
X-Ray translucent.
Available in 3 sizes or in a set of 3 in a bag.

| GIMA code | NECK COLLARS | A | B | C |
|---|---|---|---|---|
| 34050 | Set of 3 collars in a bag | | | |
| 34051 | Cervical collar - small | 513 mm | 87 mm | 112 mm |
| 34052 | Cervical collar - medium | 560 mm | 95 mm | 123 mm |
| 34053 | Cervical collar - large | 623 mm | 101 mm | 132 mm |
| 34054 | Bag for 3 collars - blue | | | |

## AMBU® REDI-ACE™

34638

Ambu® Redi-ACE™ Mini
is adjustable in 6 sizes

34639

Ambu® Redi-ACE™ Adult
is adjustable in 8 sizes

**AMBU® REDI-ACE™ COLLARS**
Unique adjustable disposable collar available in 2 versions adult and pediatric for immobilizing of cervical column. With 8 sizes of Ambu® Redi-ACE™ and 6 sizes of Ambu® Redi-ACE™ Mini the majority of patients can be treated. Easy to use, it has an automatic flip up chin and two locking buttons. It can be placed on the patient using only 3 steps; sizing - locking - placement. Made from radiotranslucent material. Packaged completely flat. Latex free.

| GIMA code | ADJUSTABLE NECK COLLARS |
|---|---|
| 34638 | Ambu® Redi-ACE™ paed.-yellow |
| 34639 | Ambu® Redi-ACE™ adult-blue |

## AMBU® PERFIT™

Ambu® Mini Perfit™ ACE® is adjustable in 12 sizes

34640

Ambu® Perfit™ ACE® is adjustable in 16 settings from neckless (size 3) to tall (size 6)

34641

**AMBU® PERFIT™ ACE® COLLARS**
The Ambu® Perfit™ ACE® extrication collar is a one-piece rigid cervical spine immobilization device, available in 2 versions, adult and pediatric, both adjustable in different sizes/positions. Adult has 16 adjustments, covering neckless, short, regular and tall. Paediatric has 12 adjustments, covering infant, child, small adult. Radiotranslucent CT and MRI compatible it comes with a ventilated, posterior shell for fluid drainage. Made in polyethylene. Flat storage. Latex free.

| GIMA code | ADJUSTABLE NECK COLLARS |
|---|---|
| 34640 | Ambu® Perfit™ paediatric-yellow |
| 34641 | Ambu® Perfit™ adult-white |

## PERFIT™ MILITARY

*Designed to assist with the maintenance of neutral alignment, prevention of lateral sway and anterior-posterior flexion and extension of the cervical spine during transport.*

Ambu® Perfit™ ACE® Militar extrication collar is adjustable in 16 settings

34642

Flat storage

**AMBU® PERFIT™ ACE® MILITARY**
Ambu® Perfit™ ACE® is also available in a military version that incorporates a camouflage colour scheme of olive drab body and charcoal black foam and label. The features and specifiactions are identical to Ambu® Perfit™ ACE®:
- 16 sizes in one collar
- flat storage
- radiotranslucent CT and MRI compatible

Latex free.

| GIMA code | ADJUSTABLE NECK COLLARS |
|---|---|
| 34642 | Ambu® Perfit™ Military |

## FIRST AID CERVICAL COLLARS

34622

| GIMA code | ONE PIECE FIRST AID NECK COLLARS |
|---|---|
| 34620 | Infant 44-48 cm - pink |
| 34621 | Pediatric 45-48 cm - light blue |
| 34622 | Stout (bull-neck) 56-60 cm - yellow |
| 34623 | Adult small 56-62 cm - blue |
| 34624 | Adult medium 56-64 cm - orange |
| 34625 | Adult large - tall 56-66 cm - green |
| 34626 | Set of 6 collars in a bag |
| 34627 | Bag for 6 collars - green |

| GIMA code | TWO PIECES FIRST AID NECK COLLARS |
|---|---|
| 34630 | Infant 2-6 years 35-99 cm - pink |
| 34631 | Pediatric 6-12 years 40- 46 cm - light blue |
| 34632 | Stout (bull neck) 48-52 cm - yellow |
| 34633 | Adult small 50-54 cm- blue |
| 34634 | Adult medium 54-58 cm - orange |
| 34635 | Adult large - tall 56-60 cm - green |
| 34636 | Set of 6 collars in a bag |
| 34627 | Bag for 6 collars - green |

**ONE PIECE AND TWO PIECES FIRST AID COLLAR**
Made in polyethylene with washable internal part made in EVA (kind of rubber) fixed to structure by plastic rivets.
With a tracheal hole, removable chin support and velcro fastener. X-ray translucent.
Available in 6 sizes differentiated by safety closure colour or in a set of 6 in a bag.

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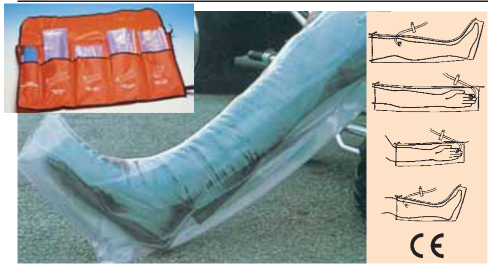
## AIR CUSHION SPLINTS



**• 34106 FIRST AID AIR CUSHION SPLINTS - set of 4 pieces**
Indispensable instrument for first aid in case of accidents, cutting and crushing injuries. Prevent surface bleeding without stopping the circulation and secure painless transportation of the injured part. The bandage is a transparent cover of PVC easy to clean and reusable, resistant against water and shifting weather conditions. X-rays can penetrate and medical diagnosis can be made without removing the bandage.
The long tube (14.5 cm) with the valve make the inflation of the bandage easy, even by the injured part himself.
**Set of 4 different pieces:** full leg, foot/ankle, full arm, hand/wrist splints in a 4 compartment bag, with inflating pump.

34121

**ALUMINIUM SPLINTS soft lining**
With curved edges to avoid harming yourselves. Aluminium thickness 1.2 mm. Made in Italy.
- **34120 SPLINTS - size 13x500 mm**
- **34121 SPLINTS - size 19x500 mm**
- **34122 SPLINTS - size 24x500 mm**

## BOSTON SPLINTS

**• 34123 BOSTON SPLINTS**
Adaptable light-weight splints, x-ray translucent, coated with a non-toxic material which can be easily washed and disinfected. Size cm 92x11. Made in Italy.

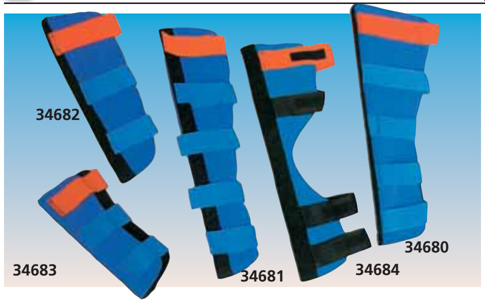
## FINGER SPLINTS

34113

34115

**FINGER** Set of 8 finger splints in different size (from 5 to 6.5 cm length, from 4.5 to 7.8 cm width circumference).
Available in clear and skin tone colours.
Made in polypropylene.
With holes for air circulation and cooling.
- **34113 FINGER SPLINT KIT - clear - kit of 8**
- **34115 FINGER SPLINT KIT - skin - kit of 8**

## GIMASPLINTS IN 5 SIZES: LEG, ARM, FOREARM, WRIST AND ELBOW



**GIMASPLINTS** these supports immobilize your limbs in an efficient and practical way. Each splint can be shaped to fit the patient's personal need. It ensures a high degree of rigid support: thanks to inner part made of neoprene lined with 100% laminated, absorbent-proof nylon assembled to a rigid metal splint. A velcro band allows a quick fixing.
Available in 5 sizes or in a bag set of 5 pieces.

| GIMA code | GIMASPLINTS |
|---|---|
| 34680 | Splint for leg - 57 cm |
| 34681 | Splint for arm - 60 cm |
| 34682 | Splint for forearm - 39 cm |
| 34683 | Splint for wrist - 33 cm |
| 34684 | Splint for elbow/ankle - 54 cm |
| 34685 | Set of 5 splints in a blue bag |
| 34054 | Bag for 5 splints - blue |

34054

## VACUUM SPLINT KIT

**• 34689 VACUUM SPLINT KIT**
The set includes vacuum splints for arm (70x50 cm), leg (100x70 cm) forearm (50x30 cm) and a nylon bag.
Produced with high quality materials these splints allow perfect immobilization of the lower and upper limbs by removing the air inside.
Equipped with an outside valve, to avoid troubles to the patient, and three velcro straps.
Made in vinyl covered nylon, x-ray translucent.
**• 34093 ALUMINIUM PUMP - for vacuum splints and mattress**
**• 34084 ALUMINIUM MINI PUMP**

34093

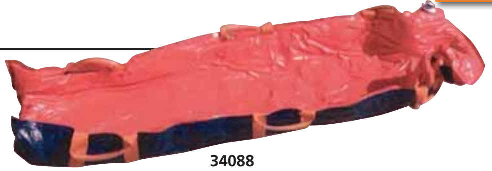
34084

34689

## VACUUM MATTRESS

- **34089 MAT PLUS VACUUM MATTRESS**

PVC, X-ray translucent mattress provided with 4 immobilization straps and 12 transport holes.
Suitable for any kind of emergency situation.
Size: 210x90 cm. Weight: 11.2 kg.
Loading capacity: 150 kg.
Supplied with nylon bag size 86x43x17 cm, pump not included.


34088

- **34088 MAT VACUUM MATTRESS**

PVC, X-ray translucent mattress with 6 transport handles, perfectly fits the patient body.
Sturdy material and careful manufacture make it suitable for Civil Defence, Fire Brigades, Industry and First-aid on the mountains.
Size: 200x75 cm. Weight: 8.8 kg. Loading capacity: 150 kg.
Supplied with nylon bag size 70x43x15 cm, pump not included.

34089

*Nylon carrying bag included with all vacuum mattresses*

34093

34091

- **34091 MAT ORANGE VACUUM MATTRESS**

X-ray translucent, comfortable vacuum mattress with 8 transport handles and 4 immobilization straps.
Size: 210x90 cm. Weight: 9 kg. Loading capacity: 150 kg.
Supplied with nylon bag size 86x43x15 cm, pump not included.

- **34093 ALUMINIUM PUMP for vacuum mattress**

Capacity: 0.75 l
Supplied with hose and fitting. Rotating handle.

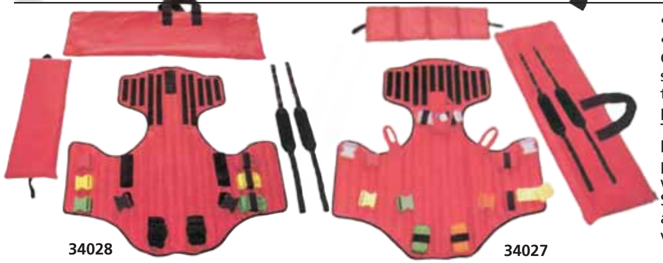
## SEMIRIGID SPLINT KIT

- **34119 SEMIRIGID SPLINT KIT**

Kit of 3 splints (arm, wrist, leg) in nylon carrying bag.
All splints are made of polyester + PVC,
with lightweight stays providing high strength support.
Adjustable velcro for easy use.

34119

## EXTRICATION KITS


34028
34027
*Provide horizontal flexibility and vertical rigidity support*

- **34027 SPINAL IMMOBILIZER TYPE A**
- **34028 SPINAL IMMOBILIZER TYPE B**

GIMA presents 2 different shape of spinal immobilizers, both are ideal for the immobilization and setting free of patients from emergency situations. They allow to fix vertically and horizontally the head and spine of the patient to limit any injuries caused by wrong transport.
Supplied with different colour buckles and belt for easy use, padded cushion velcro straps and waterproof bag.

## BODY BAGS

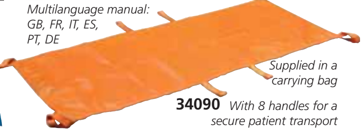
- **34116 BODY BAG - PVC**

Made of PVC (Inner transparent PVC, over black), provided with two long slide fasteners. Colour: black.
Size: 210x90 cm
Loading capacity: 150 kg.

- **34117 BODY BAG - vinyl - blue**

Made of vinyl covered nylon conform to standard EN 1865.
Provided with a long slide fastener. Size: 210x90 cm.
Loading capacity: 150 kg.

## CARRYING COT


*Multilanguage manual: GB, FR, IT, ES, PT, DE*
*Supplied in a carrying bag*
34090 *With 8 handles for a secure patient transport*

- **34090 CARRYING COT**

Made in polyester, PVC coated.
Anti-putridity, bacterial and fungus proof, waterproof, easy to wash and disinfect, X-ray translucent material.
Size 185x57 cm. Loading capacity: 150 kg.
Certified EN1865-2010 + A1 2015

## GIMA STRETCHERS AND SPINAL BOARDS

34101
*Supplied with carrying bag*

34107

34105

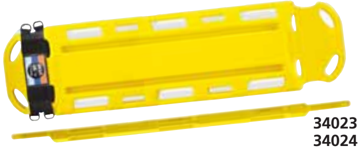
34076

34077

34083

34022

34097+
3x34011


34023+
34024

- **34101 GIMA STRETCHER 2 - foldable in 2**

Emergency stretcher is sturdy, but lightweight in construction, with aluminium frame and three solid iron cross-bars for heavy use.
Reinforced nylon canvas, fluid repellent and non-tear.

34101

- **34107 GIMA STRETCHER 4 - foldable in 4**

Made of strong alloy and water-tight material.
Light weight, easy to carry, foldable in 4. Length foldable in 2 parts, width foldable in 2 parts.

34107

- **34105 STACKABLE STRETCHER**

Used in small rooms where it is necessary to store a large number of stretchers. PVC does not absorb blood or body fluids. Strong lightweight aluminium construction with vinyl coated poliester

34076

- **34076 BLUE STRETCHER - foldable in 2**

Light-weight, small sized, easy to carry. High-strength aluminium poles and vinyl coated waterproof nylon canvas.

34077

- **34077 WHEEL STRETCHER - foldable in 2**

Wheels, outriggers and adjustable backrest.
High strength aluminium poles and vinyl coated, waterproof nylon canvas.
Light weight, small sized, easy to carry.

- **34083 SPINAL BOARD**

X-ray translucent, washable, buoyant and impervious to all fluids. Made in linear high density polyethylene with plastic pins. Compatible with all head-immobilization devices and strapping system. CT and MRI transparent. Colour orange.

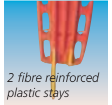
- **34022 B-BAK PIN SPINAL BOARD - yellow**

PE spinal board with Pin with robust and light structure to ensure high resistance. The 14 handles and their shape offer an easy grip, the low thickness make the application easier. Equipped with 8 plastic pins to allow easy fixing of belts with snap hook.

- **34097 SPINAL BOARD WITH SAFETY GLASS FIBRE PINS - orange**

Strong and lightweight high density PE spinal board, with two fibre reinforced plastic stays. Provided with glass fibre pins for better fixation of immobilisation belts. Excellent in water rescues.
X-ray translucent, except 2 plastic stays.

*Glass fibre pins*


*2 fibre reinforced plastic stays*

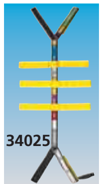
- **34023 BABY GO PEDIATRIC SPINAL BOARD**

Baby go is a professional board, designed for children, which maintains the spine in neutral position with the ideal alignment for air flow. Board has four different profiles which guarantee the correct position of the child according to his body size.

- **34024 PEDIATRIC HEAD IMMOBILIZER**

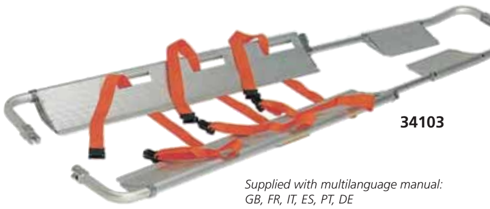
Ensure optimal immobilization of the head of children perfectly fitting their pronounced occipital prominence.

- **34025 PEDIATRIC SPIDER STRAP SYSTEM**


34025
*The central tape can be used as a tape measure*

| TECHNICAL SPECIFICATIONS | 34101<br>GIMA 2 | 34107<br>GIMA 4 | 34105<br>STACKABLE | 34076<br>BLUE | 34077<br>WHEEL | 34083<br>SPINAL | 34022<br>SPINAL WITH PINS | 34097<br>SPINAL WITH PINS | 34023<br>PAED SPINAL |
|---|---|---|---|---|---|---|---|---|---|
| Open size cm: | 203x50x14 | 221x53x16 | 188x48x18 | 188x45x7 | 188x53x21 | 184x44.5x6.5 | 184x40.5x4.5 | 183x46x5 | 119.5x32x4.5 |
| Folded size cm: | 96x50x17 | 104x19x12 | - | 94x48x10 | 92x53x12 | - | - | - | - |
| Weight: | 6 kg | 5 kg | 6 kg | 4 kg | 8 kg | 7.6 kg | 6 kg | 7 kg | 2.2 kg |
| Load: | 120 kg | 150 kg | 170 kg | 150 kg | 150 kg | 150 kg | 180 kg | 200 kg | 30 kg |

## SCOOPING STRETCHER



*Supplied with multilanguage manual: GB, FR, IT, ES, PT, DE*

**• 34103 SCOOPING STRETCHER**
A wonderfully practical scooping stretcher allows to put the stretcher under the patient without moving him/her much. The shape of the stretcher has been designed to immobilize the patient properly during transport.

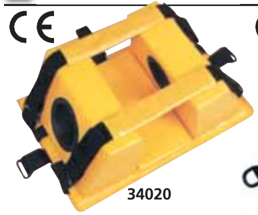
- effective hooking and unhooking device for stretcher uncoupling
- adjustable stretcher length with automatic locking device
- bag with 3 quick unhooking safety belts for patient immobilization
- once folded can be easily stored inside the ambulance
- completely built in light and sturdy aluminium

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Open size cm: | min 171x43 max 212x43 |
| Folded size cm: | 120x43 |
| Weight: | 8 kg |
| Load: | 150 kg |

## HEAD IMMOBILIZERS

CE

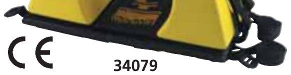


CE

CE

**HEAD IMMOBILIZERS**
GIMA introduces four models of head immobilizers, different in shape, material and colour. All are composed of two head blocks and two straps to prevent any head movement of the injured person during transport. We can offer "STOP" head immobilizer in yellow, bluette, red, green, military green for minimum 50 pieces.

CE



*Radiolucent material, suitable for x-ray chamber*

| GIMA code | Type | Colour | Material |
|---|---|---|---|
| 34020 | FERMO-1 | yellow | PE foam covered with PVC |
| 34021 | FERMO-2 | red | NBR foam dipped with PVC |
| 34080 | STOP | orange | High density foam+water repellent coating |
| 34078 | STOP | black | High density foam+water repellent coating |
| 34079 | CONTOUR | yellow | Moulded polyurethane and PVC |

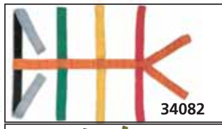
## IMMOBILISATION BELTS FOR STRETCHERS AND SPINAL BOARDS

*Adjustable belt*

*Set of 3 adjustable belts with pouch* 34014

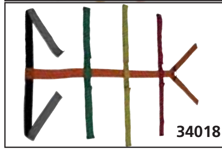
*Set of 3 belts with pouch* 34015

CE



*Designed to provide full body immobilization*

*183x46x5 cm*



*Spider strap adjustable in different sizes for child and adult*

*203x51x5 cm*

| GIMA code | Type | Colour | | Size cm | Max load kg | Buckle style | To be used with |
|---|---|---|---|---|---|---|---|
| 34010 | Belt-A | red | 🟥 | 5x213 | 60 | plastic snap-lock | stretchers + boards |
| 34011 | Belt-B - adjust. | black | ⬛ | 5x213 | 60 | 2 swivel speed clip + plastic snap-lock | spinal boards with pin |
| 34012 | Belt-C | red | 🟥 | 5x213 | 200 | automatic quick release (unique belt) | stretchers + boards |
| 34013 | Belt-D | black | ⬛ | 5x213 | 200 | automatic quick release (belt in 2 pcs.) | stretchers + boards |
| 34014 | Set 3 belt-B | orange | 🟧 | 5x274 | 60 | 2 swivel speed clip + plastic snap-lock | spinal boards |
| 34015 | Set 3 belt-D | yellow | 🟨 | 5x213 | 200 | 2 swivel speed clip (belt in 2 pcs.) | stretchers + boards |
| 34081 | Set 3 Belts | orange | 🟧 | | | quick release plastic hook | stretchers + boards |
| 34082 | Ragno/Spider | mix | ▨ | 5x46x183 | - | velcro strapping system | spinal boards |
| 34018 | Adjustable spider | mix | ▨ | 5x51x203 | - | velcro strapping system - adjustable | spinal boards |
| 32794 | Nylon bag | red | 🟥 | - | - | - | contains up to 3 belts |

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## AUTOMATIC LOADING STRETCHER

FDA 3005348775 CE

**• 34055 AUTOMATIC LOADING STRETCHER**
Automatic stretcher to load and unload patients from emergency vehicles, can be moved by only one person. Specially designed with roll-in system to easily load and unload patients from emergency vehicle without lifting them. Legs fold under cot automatically as stretcher is rolled into the vehicle. Lock-in operating position as cot is removed from vehicle, left-hand and right-hand control levers unlock front and back legs respectively so as to be folded when cot is loaded. Polyethylene covered legs allow cot to roll smoothly in and out of vehicle. Mattress, belts, side rails, IV stand and fixing devices are included.

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Maximum size (LxWxH): | 193x60x88 cm |
| Minimum size (LxWxH): | 193x60x21 cm |
| Packing size: | 195x61x26 cm |
| Weight: | 40 kg |
| Load: | 159 kg |

*Fixing device in vehicle*

## MULTIPOSITION STRETCHER

FDA 3005348775 CE

*Leaning forwards*

*Leaning backwards*

*On loading (24 cm)*

**• 34056 MULTIPOSITION AUTO STRETCHER**
Multifunctional automatic stretcher for ambulance with easily adjustable positioning system, for any emergency situation. The stretcher can bend through 6 different grades, forwards or backwards. The back of the stretcher is fixed by pneumatic springs moving in the range of 0 to 60 degrees, also equipped by front and back fixed supports. It can be locked into place inside ambulance at proper position. Mattress, belts, side rails, I.V. stand and fixing devices are included.

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Maximum size (LxWxH): | 198x53x93 cm |
| Minimum size (LxWxH): | 198x53x34 cm |
| Packing size: | 200x60x35 cm |
| Load: | 159 kg |
| Net weight, Gross weight: | 35 kg, 40 kg |
| Maximum angle of leaning forwards: | 11 degrees |
| Maximum angle of leaning backwards: | 25 degrees |
| The height scope of touching down (6 grades): | 98 cm- 94 cm - 87 cm<br>77 cm- 60 cm - 34 cm |

*Fixing device*

## AUTOMATIC MULTIPOSITION STRETCHER

FDA 3005348775 CE

**• 34072 FULL AUTOMATIC MULTIPOSITION STRETCHER**
Full automatic multiposition stretcher. Easily adjustable to 6 levels for any emergency situation. Back wards and forwards reclining, back and foot rest adjustable to different positions. Can be loaded into ambulance by one operator only and locked at desired position. Structure in high-stength aluminium alloy. Soft foam surface mattress, covered by special seamless welded PVC. Protective block side rust proof and easy to clean. Mattress, belt, side rails, IV stand and fixing device are included.

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Maximum size (LxWxH): | 198x54x93 cm |
| Minimum size (LxWxH): | 198x54x30 cm |
| Packing size: | 218x67x35 cm |
| Load: | 159 kg |
| Net weight, Gross weight: | 39 kg, 45 kg |

## WHEELCHAIR STRETCHER

FDA 3005348775 CE

*Fixing device*

**• 34070 WHEELCHAIR STRETCHER**
Wheelchair stretcher with varied positions. Lightweight emergency cot quickly convert to any of four chair positions for maneuvering in narrow hallways, elevators and other confined spaces. Stretcher is made in high quality aluminium alloy. Soft foam mattress and protective block side, rust proof and easy to clean. Mattress, belts, side rails, IV stand and fixing device are included.

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Size (LxWxH): | 190x57x85 cm |
| Packing size: | 198x60x25 cm |
| Load: | 159 kg |
| Net weight, Gross weight: | 32 kg, 40 kg |

## BASKET STRETCHER

34098

- **34094 TWIN SHELL BASKET STRETCHER - orange**
- **34098 BASKET STRETCHER - orange**

Robust, resistant and flexible, it is ideal for a wide range of rescue operations in mines, at altitude and in water. A revolutionary production technique ensures uniform thickness of the entire length of the stretcher. The shell is in high-density polyethylene and is joined to an aluminium framework for better strength. The handles for transport, integrated in the structure, are placed along the entire perimeter. The grommets for the fixing of the spring catches of the harnessing are in stainless steel. Inside the shell there is a removable mattress, applied with Velcro®, made in closed-cell EPDM, which makes it impermeable to both blood and water. High density polyethylene guarantees shatterproofness and sanitization. It can contain a spine board. Comes with nylon rope along entire perimeter, three 50 mm nylon belts with quick-release buckles, water resistant and closed-cell mattress, footrest in pre-formed polyethylene with position regulator.

**Twin shell basket stretcher**

It can be transversally divided in half to improve the storage and transport. To ensure a perfect hold between the two shells, have been inserted four nylon cones and a security system protected by a protuberance placed in the mould itself.

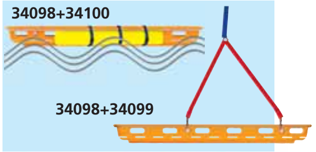
- **34099 LIFTING BRIDLES**

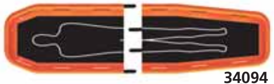
Adjustable, can be used for horizontal and vertical patient lifting. Manufactured in durable woven nylon with sound steel attachment hardware and brass locking mechanism.

- **34100 FLOTATION SYSTEM**
- **34096 CARRYING BAG for 34094**

TECHNICAL SPECIFICATIONS

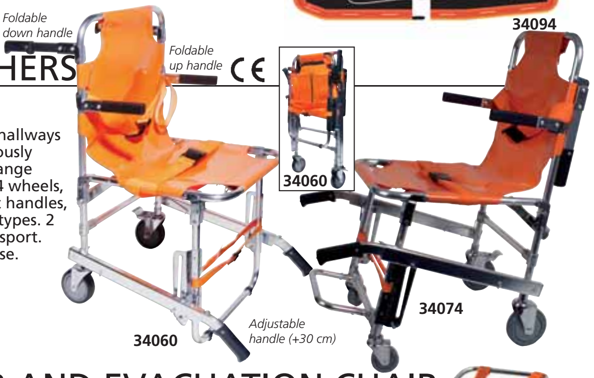
| | 34098 | 34094 |
|---|---|---|
| Size (LxWxH): | 215x65x19 cm | 118/215x64x19 cm |
| Load capacity: | 280 kg | 280 kg |
| Weight: | 13.5 kg | 17 kg |





34094

## WHEELCHAIR STRETCHERS



- **34060 WHEELCHAIR STRETCHER - 2 wheels**
- **34074 WHEELCHAIR STRETCHER - 4 wheels**

Specially designed for confined areas such as narrow hallways or multiple landing stairways; anywhere access is seriously limited. Made in light aluminium with waterproof orange sheet. Two rearstationary wheels Ø 12 cm (34060) or 4 wheels, 2 with brake (34074) two back handles and four front handles, 2 adjustable 30 cm, facilitate transport on most floor types. 2 quick lock safety belts immobilize patient during transport. Locking safety latch maintains chair position during use.

TECHNICAL SPECIFICATIONS

| | | | |
|---|---|---|---|
| Folded size: | 91x52x19.5 cm | Open size: | 91x52x71 cm |
| Wheelchair size: | - back height: 91 cm - width: 52 cm | | |
| | - seat height: 48 cm - width: 52 cm | | |
| Loading: | 150 kg | Weight: | 8.5 kg |

## FOLDING STAIR CHAIR AND EVACUATION CHAIR

- **34058 EVACUATION CHAIR - orange/chrome**

Designed and built for emergency patient removal from confined spaces. Folded it can be stored in most ambulances. Manufactured from chromed steel with brakes on the front wheels. Seat cover made of vinyl coated nylon, easily washable. Folds in one movement, equipped with two quick-release patient restraints.

- **34059 FOLDING CHAIR - black/yellow (orange/chrome on request)**

A cost effective choice for moving patients through difficult situations. Four non-slip grip handles make lifting the patient safer and easier. Two large rear wheels provide easy manoeuvering. Tough, black, vinyl coated seat cover easy to clean, resists stain and provides bacteriostatic protection. Supplied with a set of 3 plastic buckle belts. Made in Italy

- **34061 SKID EVACUATION CHAIR - with braking slide**

Skid-Ok a new ultra compact evacuation chair with innovative aluminium frame and tubular trellis swing fork.
New concept materials and components make the chair lightweight and easy to manoeuvre to offer top performance in any scenario.
Reclining armrests to increase patient comfort. The innovative self braking slide system offers the operator total control during the stair descent. Manufactured in welded aluminium with polished finish.
Adjustable seat strengthened with Spentex®.
Skid-OK is supplied with 2x50 mm polypropylene belts. Made in Italy.

34058

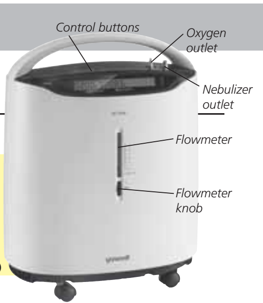
34061

34059

TECHNICAL SPECIFICATIONS

| | 34059 FOLDING | 34058 EVACUATION | 34061 SKID |
|---|---|---|---|
| Height (open/closed): | 92 cm | 98/78 cm | 154/104 cm |
| Width: | 48 cm | 41 cm | 52 cm |
| Depth with retracted handles: | 59 cm | - | |
| Depth with extended handles: | 125 cm | open 80 cm | |
| Depth when folded handles: | 19 cm | closed 31 cm | |
| Weight: | 10 kg | 12 kg | 11 kg |
| Load: | 165 kg | 116 kg | 150 kg |

## SMART OXYGEN CONCENTRATOR



Supplied with filter and nebulizer set

- **34598 SMART OXYGEN CONCENTRATOR 5 l**

Medical grade, ultra quiet, small oxygen concentrator for home use. Provide high concentration of oxygen through nasal canula. Work continuously.

- **34599 PAPER FILTER - box of 10**
- **34608 HUMIDIFIER BOTTLE**
- **34167 OXYGEN MASK with tube - pediatric**
- **34166 OXYGEN MASK with tube - adult**
- **34172 OXY GLASSES - nasal cannulas**

TECHNICAL SPECIFICATIONS

| | |
|---|---|
| Flow range: | 0.5 ~ 5 l/min |
| Oxygen concentration: | 95.5-87 % |
| Output pressure: | 40 ~ 70 kPa |
| Input power: | 400 W |
| Operation noise level: | ≤ 48 dB (front) - ≤52 dB (whole unit) |
| Size - weight: | 39x24xh 50 cm - 16 kg |
| Operating voltage: | 230 V - 50 Hz (110 V - 60 Hz on request) |

## OXYGEN CONCENTRATORS 3 AND 5 LITRES

- **34604 OXYGEN CONCENTRATOR 3 l**
- **34605 OXYGEN CONCENTRATOR 5 l - with nebulizing function**

Bionic and streamlined fashion design, which won the national outlook top award-Red Star Award. Low noise achieved by using advanced round airway and multi-level noise decreasing design. Large LCD screen for clearer figures. Cumulative time metering and timing off function. Fault self-detection system.

Four alarm functions:
- power failure alarm
- pressure cycle failure alarm
- low oxygen concentration alarm
- compressor failure alarm

CE 0123

**Nebulizing function (only 34605)**

Oxygen concentrator (with nebulizer function) uses the combination of oxygen uptake and atomization function to offer clean and safe air. It assists in atomized treatment while maintaining the same oxygen concentration.

- **34607 PAPER FILTER - box of 10 (5 internal + 5 external)**
- **34608 HUMIDIFIER BOTTLE**
- **34166 OXYGEN MASK with tube - adult**
- **34172 OXY GLASSES - nasal cannulas**
- **34167 OXYGEN MASK with tube - pediatric**

TECHNICAL SPECIFICATIONS

| | 34604 | 34605 |
|---|---|---|
| Flow range: | 0.5 ~ 3 l/min | 0.5 - 5 l/min |
| Oxygen concentration: | 93% ± 3% | 95.5% ~ 87% |
| Output pressure: | 20 ~ 50 kPa | 40 ~ 70 kPa |
| Operation noise level: | ≤ 50 dB (A) | ≤ 53 dB (A) |
| Input power: | 320VA | 400VA |
| Net/gross weight: | 25/27 kg | |
| Packing size: | 62x37xh 71 cm | |
| Operating voltage: | 230 V - 50 Hz (on request 110 V - 60 Hz) | |

yuwell

Top manufacturer over 200,000 pcs/years

Supplied with filter, nasal oxygen canula, nebulizer set (34605 only) and manual (GB, IT)

## OXYGEN CONCENTRATOR 3 AND 5 L DELUXE

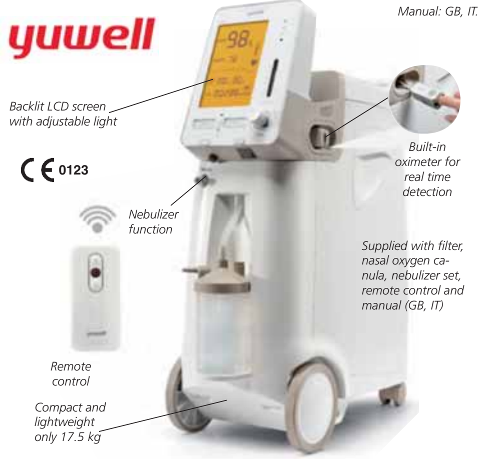
- **34616 OXYGEN CONCENTRATOR 3 l DELUXE**
- **34617 OXYGEN CONCENTRATOR 5 l DELUXE**

Top of the range oxygen concentrator with innovative design and superior features:
- backlit LCD screen with adjustable brightness
- built-in oximeter for monitoring $SpO_2$ in real time
- oil free pump: the heart of concentrator adopt compressor with German technology for 30,000 hours service life and 5 years warranty
- high intake position, cleaner air
- remote control function
- 4 alarm system (low oxygen concentration alarm, power outage alarm, pressure cycle failure alarm, compressor failure alarm), self detection of fault
- 4 safety protections

- **34618 PAPER FILTER - box of 10**
- **34619 HUMIDIFIER BOTTLE**
- **34166 OXYGEN MASK with tube - adult**
- **34167 OXYGEN MASK with tube - pediatric**
- **34172 OXY GLASSES - nasal cannulas**

yuwell

CE 0123


Manual: GB, IT.
Backlit LCD screen with adjustable light
Built-in oximeter for real time detection
Nebulizer function
Supplied with filter, nasal oxygen canula, nebulizer set, remote control and manual (GB, IT)
Remote control
Compact and lightweight only 17.5 kg

TECHNICAL SPECIFICATIONS

| | 34616 | 34617 |
|---|---|---|
| Flow range: | 0.5 ~ 3 l/min | 1 ~ 5 l/min |
| Oxygen concentration: | 93% ± 3 % | 87-95.5 % |
| Operation noise level: | ≤ 46 dB(A) | ≤ 49.5-52 dB(A) |
| Output pressure: | 20 ~ 50 kPa | 40 ~ 70 kPa |
| Input power: | 320VA | 400VA |
| Size - Packing size: | 50x21xh 64 cm - 56x32xh 71.5 cm | |
| Operating voltage: | 230 V - 50 Hz (110 V - 60 Hz on request) | |

# OXYGEN CYLINDERS: 0.5, 2, 3, 5 AND 7 LITRES

*Oxygen therapy masks are produced with non toxic material, complete with adjustable elastic clip for nose and connecting tube*

CE 0086

**CYLINDERS FOR OXYGEN THERAPY (empty)**
Steel cylinders for therapeutic oxygen at 200 bar pressure, with valve and safety lock. These cylinders are ideal for home and hospital therapeutic use, particularly in case of desultory oxygen supply. Supplied in a sturdy plastic bag (5 and 7 l) or soft bag (2 and 3 l) with cover. Oxygen cylinders are provided with a pressure reducer with two-stage release valve (0-15 l/min) and high pressure manometer to indicate oxygen quantity in the cylinder (Code 34510/34511) and face mask (excluding 34500/34520).

| GIMA code | | OXYGEN CYLINDERS WITH INTEGRATED PRESSURE REDUCER | | | | |
|---|---|---|---|---|---|---|
| UNI | NF | Litres | Flow | Size | Weight kg | |
| **34500** | **34520*** | 0.5 | fixed 6 l | Ø 60x400mm | 2.75 | - |
| **34502** | **34522*** | 2 | 0/15 l | Ø110x410mm | 4.5 | with soft bag + cover |
| **34503** | **34523*** | 3 | 0/15 l | Ø110x530mm | 5.5 | with soft bag + cover |
| **34505** | **34525*** | 5 | 0/15 l | Ø140x550mm | 9 | with plastic bag + cover |
| **34507** | **34527*** | 7 | 0/15 l | Ø140x680mm | 11 | with plastic bag + cover |

**PRESSURE REDUCER with valve** *9 steps for flow adjustment*
Pressure reducer with valve and index flowmeter adjustable 0-12 l/min, suitable for cylinders 1 to 3 litres (code 34510/34530) and 5 to 7 litres (34511/34531). It includes two stages, release valve and high pressure manometer. Thread cylinder connection: E25/E17 conical refill thread connection
UNI 21.7 x 1/14" or NF Ø 22.91 x 1.514
Apparatus to be connected to a cylinder without valve.

| UNI | NF | PRESSURE REDUCERS WITH VALVE - spare |
|---|---|---|
| **34510** | **34530*** | Integrated pressure reducer with valve for 2/3 litres |
| **34511** | **34531*** | Integrated pressure reducer with valve for 5/7 litres |
| **34539** | | Cover protection for cylinders 2/3/5/7 litres |
| **GIMA code** | | **OXYGEN THERAPY MASKS** |
| **34166** | | Oxygen therapy mask - adult - with tube |
| **34167** | | Oxygen therapy mask - paediatric - with tube |
| **34168** | | HI-Oxygen therapy mask - adult - with tube |
| **34169** | | HI-Oxygen therapy mask - paediatric - with tube |
| **34276** | | Disposable oxy tube - 2m - female - female |
| **34172** | | Oxy glasses - nasal cannulas |

**Products not in stock, available in 15 days*

# GENERAL PURPOSE CYLINDERS 5 AND 10 l AND PRESSURE REDUCERS

34548

34545

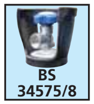
CE 0434

**DETAILS OF OXYGEN CYLINDER**

UNI 34545/8

NF 34555/8

DIN 34565/8


BS 34575/8

PIN INDEX 34585/8

**DETAILS OF PRESSURE REDUCER WITH FLOWMETER**

UNI 34541

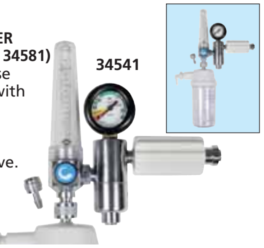
NF 34551

DIN 34561

BS 34571

PIN INDEX 34581

**PRESSURE REDUCER - WITH FLOWMETER AND HUMIDIFIER (34541, 34551, 34561, 34571, 34581)**
Pressure reducer with release valve and H.P. manometer with adjustable ball flowmeter 0-15 l/min and autoclavable humidifier apparatus to be connected with cylinder valve.



**GENERAL PURPOSE CYLINDERS (empty)**
Supplied with valve. Ideal for anaesthesia apparatus, can be used with pressure reducer code 34540-34541 or other standards (NF, DIN, BRITISH STD or PIN INDEX).

| GIMA code | | | | | OXYGEN CYLINDER WITH VALVE AND ACCESSORIES |
|---|---|---|---|---|---|
| UNI | NF | DIN | BULL NOSE BRITISH STD | PIN INDEX | |
| **34545** | **34555*** | **34565*** | **34575*** | **34585*** | Oxygen Cylinder 5 l with valve |
| **34548** | **34558*** | **34568*** | **34578*** | **34588*** | Oxygen Cylinder 10 l with valve |
| **34540** | **34550*** | **34560*** | **34570*** | **34580*** | Pressure reducer |
| **34541** | **34551*** | **34561*** | **34571*** | **34581*** | Pressure reducer with flowmeter and humidifier |
| **34590** | **34590** | **34590** | **34590** | **34590** | Humidifier autoclavable at 121°C |

**Products not in stock, available in 15 days*

**PRESSURE REDUCER (34540, 34550, 34560, 34570, 34580)**
Same as code 34541, with adjustable flow 0-15 l/m in 9 steps (1/1.5/2/3/4/6/9/12/15), LP* port, without flowmeter and humidifier.

- **34590 AUTOCLAVABLE HUMIDIFIER**
- **34177 TROLLEY FOR OXYGEN CYLINDER - 5 l -7 l**
- **34178 TROLLEY FOR OXYGEN CYLINDER - 10 l**

**Low pressure port (for ventilators,...)*

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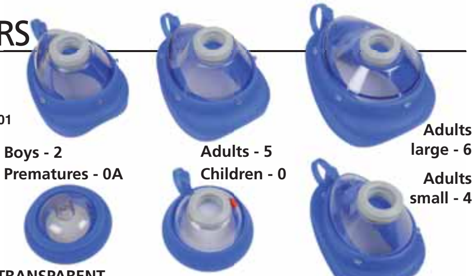
# AMBU® MARK IV RESUSCITATORS



- **34200 AMBU® MARK IV RESUSCITATOR - adult**

Designed in accordance with the original double wall principle, the new 100% latex-free Ambu bags are more robust and provide users with exceptional visual and tactile lung condition feedback during manual resuscitation, making operation safer and more secure.
Built-in pressure limitation prevents compression if there is any resistance in the patient's airways.
Suitable for adults and children over 15 kg (3 years).
Supplied with face mask N°5 and single shutter valve.
Autoclavable at 134°C.
Maximum volume 1300 ml.

- **34204 AMBU® MARK IV RESUSCITATOR - baby**

Same as 34200, but suitable for neonates, infants and children up to 20 kg (approx 4-5 years).
Supplied with face mask N°0A, oxygen reservoir tube 250 mm and pressure limiting valve 4.0 kPa (40 cm $H_2O$).
Maximum volume 300 ml.

- **34217 AMBU MARK® IV RESUSCITATOR - adult with kit bag**

Same as code 34200, supplied with helicoidal mouth-wedge, tongue holding forceps, 3 Guedel airways (small, medium and large) and oxygen tube, all fitted in a resistant nylon bag.

**TRANSPARENT SILICONE AMBU FACE MASKS - Latex-free**
The silicone face masks are self-inflating and the cuff pressure can be regulated for an easy and efficient seal. They are comfortable to grip and feature a thumb rest so rescuers can achieve a tight seal. Visual checks of bleeding, vomitus and spontaneous breathing can be made through the transparent dome. Autoclavable at 134°C

| GIMA code | AMBU TRANSPARENT LATEX-FREE FACE MASKS AND RESERVOIR |
|---|---|
| **34210** | Ambu Baby N° 0A - newborns/prematures - blue |
| **34205** | Ambu Baby N° 0 - newborns/children - blue |
| **34206** | Ambu N° 2 - boys - blue |
| **34207** | Ambu N° 3/4 - adults/small - blue |
| **34208** | Ambu N° 5 - adults - blue |
| **34209** | Ambu N° 6 - adults/large - blue |
| **34215** | Reservoir bag 1500 ml - adult |

# GIMA RESUSCITATORS - DOUBLE CHAMBER, WITH QUALITY MASK

**GIMA RESUSCITATOR BAG - with double chamber**
Highly professional resuscitator bag with an antistatic autoclavable and self expanding rubber internal bag and with extra soft external bag.
Available in 2 models: adult and infant.
All models are equipped with connections in accordance with EN 1281-1 directives for peep valve, intubation fitting, oxygen reservoir, oxygen intake and face masks.
Radiotransparent and latex free
All equipped with removable and autoclavable valve.
Made in Italy.

- **34240 RESUSCITATOR BAG - adult**

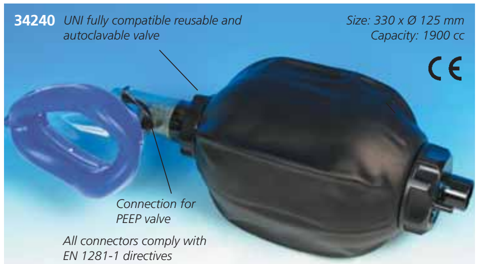
Supplied with facemask N° 4 - volume 1900 cc

- **34241 RESUSCITATOR BAG - with kit bag**

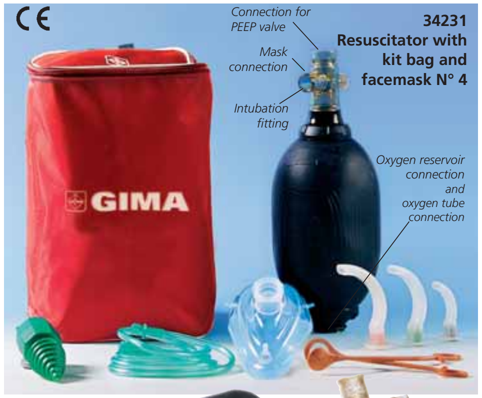
Same as 34240 supplied with helicoidal mouth-wedge, tongue holding forceps, 3 Guedel airways (small, medium and large) and oxygen tube, all fitted in a resistant nylon bag.

- **34242 RESUSCITATOR BAG - infant**

Supplied with facemask N° 2 - volume 400 cc


34240
UNI fully compatible reusable and autoclavable valve
Size: 330 x Ø 125 mm
Capacity: 1900 cc
CE
Connection for PEEP valve
All connectors comply with EN 1281-1 directives

# GIMA RESUSCITATORS WITH DOUBLE STAGE VALVE


Connection for PEEP valve
Mask connection
Intubation fitting
Oxygen reservoir connection and oxygen tube connection
GIMA

**34231 Resuscitator with kit bag and facemask N° 4**

**GIMA RESUSCITATOR BAGS**

The line offers 3 models of different size: adults, children, infants and an adult kit. All models are supplied with pressure relief valve and equipped with connector under EN 1281-1 directive for: peep valve, intubation fitting, reservoir, oxygen intake, face mask. Each resuscitator can be completely disassembled for cleaning and sterilization. Made in Italy. Autoclavable at 121°C max 20 times.

- **34230 RESUSCITATOR BAG - with mask N°4 - adult**
With a special double stage valve at 54 m/bar. Volume 1800 cc.
- **34233 RESUSCITATOR BAG - with mask N°3 child**
With a special double stage valve at 54 m/bar. Volume 800 cc.
- **34232 RESUSCITATOR BAG - with mask N°2 - infant/newborn**
With a special double stage valve at 54 m/bar. Volume 400 cc.
- **34231 RESUSCITATOR BAG - adult with kit bag**
Same characteristic as code 34230. It is supplied with helicoidal mouth-wedge, tongue holding forceps, 3 Guedel airways (small, medium and large) oxygen tube, in a nylon bag.
- **34271 NYLON BAG - 18.5x15xh 30 cm - spare**

*Size 235xØ 78 mm*
*Capacity=400 cc*

*34232 Pediatric resuscitator with child facemask N° 2*

*Double side overpressure valve at 54 m/bar avoids inconvenients in case of a regurgitation due to the presence of food in the stomach of the patient*

*Size 330 x Ø120 mm*
*Capacity = 1,800 cc*

**34230**

# SILICONE TRANSPARENT AUTOCLAVABLE RESUSCITATORS

**SILICONE RESUSCITATORS - latex free**

Transparent resuscitators made of silicone and polysulfone fully autoclavable at 134°C.

- **34244 SILICONE RESUSCITATOR KIT - adult**
Supplied with silicone face mask N° 4, 60 cm $H_2O$ pop-off valve, oxygen tube 2 metres, autoclavable reservoir valve and 2500 ml reservoir bag. Volume: 1,600 ml.
- **34245 SILICONE RESUSCITATOR - adult**
Supplied with silicone face mask N° 4. Volume: 1600 ml.
- **34246 SILICONE RESUSCITATOR - child**
Supplied with silicone face mask N° 3 and 40 cm $H_2O$ pop-off valve. Volume: 500 ml.
- **34247 SILICONE RESUSCITATOR - infant**
Supplied with silicone face mask N° 1 and 40 cm $H_2O$ pop-off valve. Volume: 280 ml.

All silicone resuscitator have multilanguage manual: GB, FR, IT, ES, PT

**34245**

*All resuscitators are LATEX FREE*

**34244**

**34246**

**34247**

- **34243 SILICONE RESUSCITATOR BAG KIT - adult**
Supplied with silicone face mask N° 4, 60 cm $H_2O$ pop-off valve, oxygen tube 2 metres, autoclavable reservoir valve and 2,500 ml reservoir bag (volume: 1,600 ml), helicoidal mouth wedge (34273), tongue holding forceps, 10 Guedel airways (34439) with Cubo emergency bag (27163).

**34243**

# AMBU® SPUR II RESUSCITATOR - THE NEXT GENERATION

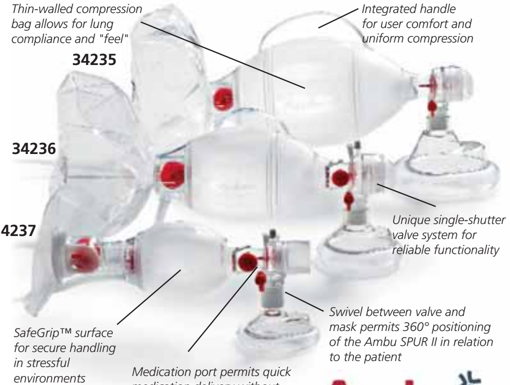
**AMBU SPUR II RESUSCITATOR - single patient**

Ambu SPUR II provides users with exceptional tactile and visual feedback during resuscitation. The bag is highly responsive, with minimal mechanical resistance. Furthermore the characteristic design provides optimum stroke volume with perfect recoil. Range includes infant, pediatric, and adult sizes. All Ambu SPUR II resuscitators come in individual, resealable plastic carrying bags, complete with mask, reservoir bag (34235, 34236 only) oxygen tube and pressure limiting valve 4.0 kPa $H_2O$ (34236/7 only). The bags are color-coded for fast identification of infant, pediatric, and adult sizes.

- **34235 AMBU SPUR II ADULT - with face mask n° 5 and reservoir bag**
- **34236 AMBU SPUR II PEDIATRIC - with face mask n°1 and reservoir bag**
- **34237 AMBU SPUR II INFANT - with face mask n° 0**

**TECHNICAL SPECIFICATIONS**

| | | 34235 | 34236 | 34237 |
|---|---|---|---|---|
| Suitable for | | adult > 30 kg | baby 10 to 30 kg | infant < 10 kg |
| Stroke volume | 1 hand | 800 ml | 450 ml | 150 ml |
| | 2 hand | 1,000 ml | | |
| Resuscitator volume | | 1,475 ml | 635 ml | 220 ml |
| Size (Length x diameter) | | 295x127 mm | 234x99 mm | 168x71 mm |
| Bag reservoir volume | | 2600 ml | 1500 ml | - |



*Thin-walled compression bag allows for lung compliance and "feel"*

*Integrated handle for user comfort and uniform compression*

*Unique single-shutter valve system for reliable functionality*

*Swivel between valve and mask permits 360° positioning of the Ambu SPUR II in relation to the patient*

*SafeGrip™ surface for secure handling in stressful environments*

*Medication port permits quick medication delivery without disconnecting the Ambu SPUR II from the ET tube*

Ambu
Ideas that work for life

# RESUSCITATOR BAGS SINGLE-USE, SINGLE PATIENT - LATEX FREE

**PVC RESUSCITATORS - SINGLE PATIENT USE**

Disposable resuscitator bags with disposable mask, no return membrane valve and connection for PEEP valve.
PVC disposable, transparent mask shaped to allow a perfect adhesion to the patient's face. Latex free.

- **34277 PVC RESUSCITATOR - adult**
Supplied with single use mask N° 5. Volume: 1,600 ml

**34277** **34248** **34249**

- **34248 PVC RESUSCITATOR - child**
Supplied with single use mask N° 3 and 40 cm $H_2O$ pop-off valve. Volume: 500 ml
- **34249 PVC RESUSCITATOR - infant**
Supplied with single use mask N° 1 and 40 cm $H_2O$ Pop-off valve - Volume: 280 ml
- **34239 PVC RESUSCITATOR KIT - adult**
Same as code 34277. Supplied with oxygen reservoir 2,500 ml, tongue holding forceps and oxygen tube in a nylon bag.

**34239**

# GUEDEL AIRWAYS

**STERILE AND NON STERILE GUEDEL AIRWAYS**

Guedel airways in 9 sizes with smooth surface and round tip for improved patient comfort.
Made in polyethylene (PE). Latex free.

| GIMA code | GUEDEL AIRWAYS - STERILE<br>FLEXIBLE, TRANSPARENT,<br>INDIVIDUALLY PACKED GUEDEL AIRWAYS | Minimum order |
|---|---|---|
| 34431● | Guedel airway 40 mm - pink - newborn - 000 | box of 10 |
| 34432● | Guedel airway 50 mm - blue - newborn - 00 | box of 10 |
| 34433● | Guedel airway 60 mm - black - child - 0 | box of 10 |
| 34434▲ | Guedel airway 70 mm - white - boy - 1 | box of 10 |
| 34435▲ | Guedel airway 80 mm - green - adult/small - 2 | box of 10 |
| 34436● | Guedel airway 90 mm - yellow - adult/small - 3 | box of 10 |
| 34437● | Guedel airway 100 mm - red - adult/medium - 4 | box of 10 |
| 34438● | Guedel airway 110 mm - orange - adult/large -5 | box of 10 |
| 34383 | Guedel airway 120 mm - purple - adult/x-large | box of 10 |
| 34439 | Mixed Guedel airways pack of 1 pcs. of ● marked and 2 pcs of ▲ marked airways for a total of 10 pcs. | |

| GIMA code | GUEDEL AIRWAYS - NON STERILE<br>FLEXIBLE, TRANSPARENT, | Minimum order |
|---|---|---|
| 57751 | Guedel airway 40 mm - pink - newborn - 000 | box of 50 |
| 57752 | Guedel airway 50 mm - blue - newborn - 00 | box of 50 |
| 57753 | Guedel airway 60 mm - black - child - 0 | box of 50 |
| 57754 | Guedel airway 70 mm - white - boy - 1 | box of 50 |
| 57755 | Guedel airway 80 mm - green - adult/small - 2 | box of 50 |
| 57756 | Guedel airway 90 mm - yellow - adult/small - 3 | box of 50 |
| 57757 | Guedel airway 100 mm - red - adult/medium - 4 | box of 50 |
| 57758 | Guedel airway 110 mm - orange - adult/large - 5 | box of 50 |

# SILICONE AUTOCLAVABLE AND SINGLE USE FACEMASKS

**GIMA AUTOCLAVABLE FACE MASKS**
Made in silicone and polycarbonate (sizes 3, 4, and 5) or all in silicone (sizes 0, 1 and 2). Completely transparent, allowing a total visibility. They can be used with any resuscitator and lung ventilator.

AUTOCLAVABLE UP TO 40 TIMES

**GIMA PLUS AUTOCLAVABLE FACE MASKS - ANAESTHESIA MASKS**
Blue silicone inflating cuff and unbreakable transparent polysulfone hood. They can be used with any resuscitator or lung ventilator. Available in 5 sizes. Latex free.

AUTOCLAVABLE UP TO 120 TIMES

**INFLATABLE AIR CUSHION FACE MASKS - ANAESTHESIA MASKS**
Quality disposable single patient face masks provided of connector for air inflation and hook. Available in 7 sizes.

CE 0434 SINGLE PATIENT

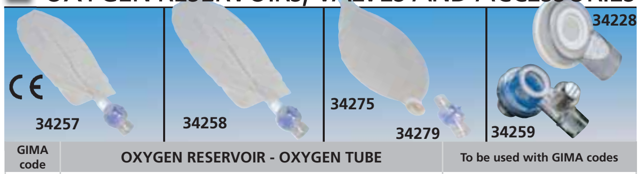
| GIMA code | SILICONE FACE MASKS LATEX FREE |
|---|---|
| **34220** | Facemask N° 0 - infant small |
| **34221** | Facemask N° 1 - infant large |
| **34222** | Facemask N° 2 - child small |
| **34223** | Facemask N° 3 - child large |
| **34224** | Facemask N° 4 - adults small |
| **34225** | Facemask N° 5 - adults large |

| GIMA code | GIMA PLUS FACE MASKS LATEX FREE |
|---|---|
| **34252** | Face mask N°2 - child small |
| **34253** | Face mask N°3 - child large |
| **34254** | Face mask N°4 - adult small |
| **34255** | Face mask N°5 - adult large |
| **34250** | Face mask N°6 - adult extra large |

HIGH QUALITY

| GIMA code | GIMA SINGLE PATIENT FACE MASKS LATEX FREE |
|---|---|
| **57700** | Facemask N° 0 - newborn - white |
| **57701** | Facemask N° 1 - infant - pink |
| **57702** | Facemask N° 2 - child - yellow |
| **57703** | Facemask N° 3 - child large - red |
| **57704** | Facemask N° 4 - adult - green |
| **57705** | Facemask N° 5 - adult large - blue |
| **57706** | Facemask N° 6 - adult extra large |

# OXYGEN RESERVOIRS, VALVES AND ACCESSORIES



| GIMA code | OXYGEN RESERVOIR - OXYGEN TUBE | To be used with GIMA codes |
|---|---|---|
| **34275** | SINGLE USE OXYGEN RESERVOIR - 2,500 ml - without valve | 34244 - 34245 - 34277 - 34200 (need valve 34279), AMBU, LAERDAL |
| **34279** | RESERVOIR VALVE - autoclavable | 34275 |
| **34257** | SINGLE USE OXYGEN RESERVOIR - 1,000 ml - with valve | 34246 - 34247 - 34248 - 34249 |
| **34258** | SINGLE USE OXYGEN RESERVOIR - 2,500 ml - with valve | 34244 - 34245 - 34277 |
| **34276** | OXYGEN TUBE - 2 m | All resuscitators |
| **34259** | NON-REBREATHING VALVE with 60 cm $H_2O$ Pop-off - autoclav. | 34244 - 34245 - 34277 |
| **34227** | PEEP VALVE - 30 mm (5-20 cm $H_2O$) autoclavable at 121°C/248°F | 34244-5 - 34277 (need 34228)<br>34230 - 34240 - 34200 |
| **34228** | PEEP VALVE ADAPTOR - int. Ø 22 mm, ext. Ø 30 mm | 34227 - 34248 - 34249 |
| **34256** | REAR VALVE (intake valve) | 34244 - 34245 - 34246 - 34247 |

**34227**

**34256**

# MOUTH OPENERS AND TONGUE HOLDING

**34272**

**34273**

**34274**

- **34272 HELICOIDAL MOUTH OPENER PINOCCHIO**
- **34273 TEETH SCREW DRIVER**
- **34274 TONGUE HOLDING FORCEPS**

# ULTRA FACE MASKS

**ULTRA ANAESTHESIA - FACE MASKS**
Disposable single patient face masks. Anti-slip design and anatomical shape for a precise fit. Excellent visibility, soft and comfortable seal. Provided with hook. Medical grade non-PVC, phthalate free.

| GIMA code | ULTRA SINGLE PATIENT FACE MASKS LATEX FREE - box of 50 | Suitable for kg |
|---|---|---|
| **57711** | Facemask N° 1 - infant - pink | 2-10 |
| **57712** | Facemask N° 2 - child - yellow | 10-25 |
| **57713** | Facemask N° 3 - adult S - green | 25-60 |
| **57714** | Facemask N° 4 - adult M - red | 60-110 |
| **57715** | Facemask N° 5 - adult L - blue | >110 |

# NYLON BAG

- **34271 NYLON BAG**
Suitable for all resuscitators

# STERILE CUFFED AND UNCUFFED ENDOTRACHEAL TUBES

| GIMA code | UNCUFFED ENDOTRACHEAL TUBES - STERILE | Minimum order |
|---|---|---|
| **34385** | Uncuffed Endotracheal tube Ø 3 mm - 16.5 cm | box of 10 |
| **34386** | Uncuffed Endotracheal tube Ø 4 mm - 21 cm | box of 10 |

CE 0123

| GIMA code | CUFFED ENDOTRACHEAL TUBES - STERILE | Minimum order |
|---|---|---|
| **34387** | Cuffed Endotracheal tube Ø 3.5 mm - 18.5 cm | box of 10 |
| **34388** | Cuffed Endotracheal tube Ø 5 mm - 24.5 cm | box of 10 |
| **34389** | Cuffed Endotracheal tube Ø 6 mm - 28.5 cm | box of 10 |
| **34390** | Cuffed Endotracheal tube Ø 6.5 mm - 29.5 cm | box of 10 |
| **34391** | Cuffed Endotracheal tube Ø 7 mm - 31 cm | box of 10 |
| **34392** | Cuffed Endotracheal tube Ø 7.5 mm - 31.5 cm | box of 10 |
| **34393** | Cuffed Endotracheal tube Ø 8 mm - 33 cm | box of 10 |
| **34394** | Cuffed Endotracheal tube Ø 8.5 mm - 33 cm | box of 10 |
| **34395** | Cuffed Endotracheal tube Ø 9 mm - 33 cm | box of 10 |
| **34396** | Cuffed Endotracheal tube Ø 10 mm - 33 cm | box of 10 |

*Ø: Internal diameter*

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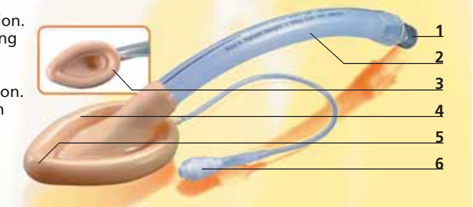
# LARYNGEAL MASKS FOR SAFE AND EASY INTUBATION

**SILICONE REUSABLE LARYNGEAL AIRWAY MASK** CE 0476

**1.** Optimal anatomical design ensure convenient and safe insertion. Universal 15 mm connector (ISO).
**2.** See-through flexible airway tube, clear guideline for easy insertion.
**3.** Tiny protruding bumps minimize the vomiting substance flowing from exophagus and into the lung.
**4.** Seamless cuff formation offers maximum comfort.
**5.** Strengthened oval tip prevents possible bending during insertion.
**6.** Thin walled pilot balloon facilitates the sensing of the inflation tube.

| GIMA code | Size | Patient range | Weight range | Cuff volume (ml. of air) |
|---|---|---|---|---|
| **34424** | 1.5 | infant | 5-10 kg | 7 ml |
| **34425** | 2 | infant | 10-20 kg | 10 ml |
| **34426** | 2.5 | child | 20-30 kg | 14 ml |
| **34427** | 3 | boy | 30-50 kg | 20 ml |
| **34428** | 4 | adult | 50-70 kg | 30 ml |
| **34429** | 5 | adult | >70 kg | 40 ml |

*Each laryngeal airway mask is individually serialized for identification and traceability purposes*



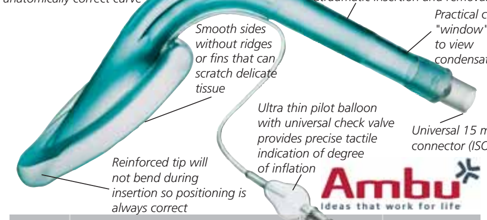
AUTOCLAVABLE UP TO 40 TIMES

# AMBU® AURAONCE™ DISPOSABLE LARYNGEAL MASK

**AMBU® AURAONCE™ DISPOSABLE LARYNGEAL MASKS**
AuraOnce has a special curve that carefully replicates natural human anatomy. Molded directly into the tube, the unique shape makes correct insertion easy without abrading the upper airway. AuraOnce's curve also ensures that the patient's head remains in a natural supine position when the mask is in use without extra stress on the upper jaw. Moreover, Auraonce is specially designed to give the airway tube the flexibility needed to adapt to individual anatomical variances and wide range of head positions. AuraOnce has a D-shaped airway tube to give a firm and ergonomical grip during insertion. In short, positioning is fast and accurate, with least possible internal pressure.
- Packaged sterile and ready for use
- Colour coded pouch with directions for use
- Available in 5 sizes fitting a wide range of patients.

**TECHNICAL SPECIFICATIONS**

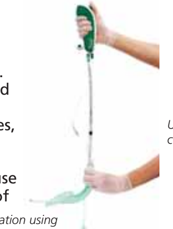
| | |
|---|---|
| Maximum intra-cuff pressure: | 60 cm $H_2O$ |
| Airway connector: | 15 mm male (ISO 5356-I) |
| Tube/cuff material. | PVC |


Cuff and airway tube moulded as single unit with built-in, anatomically correct curve
The airway tube is flexible at the cuff and rigid at the connector for easy, atraumatic insertion and removal
Practical clear "window" to view condensation
Smooth sides without ridges or fins that can scratch delicate tissue
Ultra thin pilot balloon with universal check valve provides precise tactile indication of degree of inflation
Universal 15 mm connector (ISO)
Reinforced tip will not bend during insertion so positioning is always correct

| GIMA code | AMBU® AURAONCE™ | Patient weight | Maximum cuff inflation volume |
|---|---|---|---|
| **34406** | Laryngeal Mask N 2 - pink | 10-20 kg | 10 ml |
| **34407** | Laryngeal Mask N 2.5 - pink | 20-30 kg | 14 ml |
| **34408** | Laryngeal Mask N 3 - green | 30-50 kg | 20 ml |
| **34409** | Laryngeal Mask N 4 - yellow | 50-70kg | 30 ml |
| **34410** | Laryngeal Mask N 5 - blue | 70-100 kg | 40 ml |

# AMBU® AURA-i™ LARYNGEAL MASK VENTILATION & INTUBATION

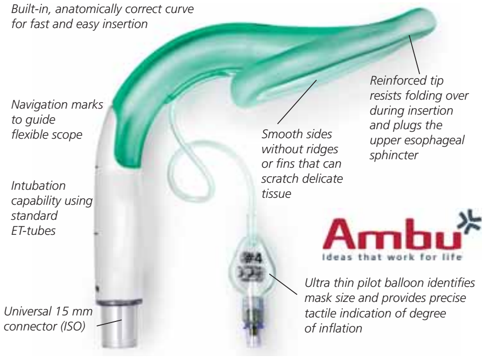
**AMBU® AURA-i™ DISPOSABLE LARYNGEAL MASKS**
Ambu® Aura-i™ is a disposable laryngeal mask designed for everyday use. Pre-formed to follow the anatomy of the human airway, the soft rounded curve of the Aura-i ensures fast and easy placement and guarantees long-term performance.
Aura-i is the preferred everyday routine device for establishing an airway where an ET-tube is deemed unnecessary.
At the same time it holds a place on the difficult airway cart. In case of a "Cannot Intubate - Cannot mask Ventilate" (CI-CV) situation, where the purpose is to intubate the patient, Aura-i can be used as conduit for direct endotracheal intubation assisted by a flexible scope.
The airway tube is designed to allow easy passage of an appropriately sized ET-tube. The recommended ET-tube size is indicated on the connector block of the mask.
Aura-i comes in a complete range of 5 sizes, suitable for pediatrics and adults.
- packaged sterile and ready for use
- colour coded pouch with directions for use
- available in 5 sizes fitting a wide range of patients.



*Direct endotracheal intubation using a flexible scope and standard ET-tubes*

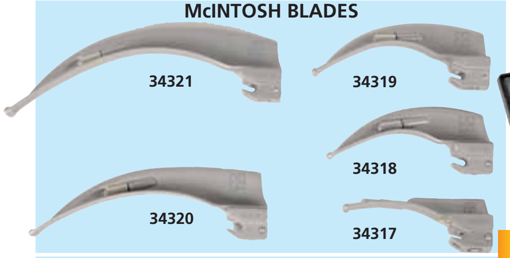
**TECHNICAL SPECIFICATIONS**

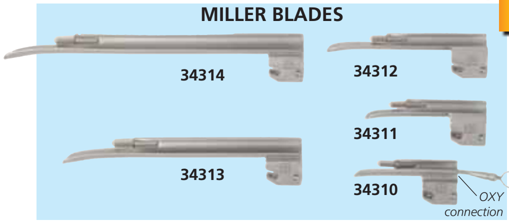
| | |
|---|---|
| Maximum intra-cuff pressure: | 60 cm $H_2O$ |
| Airway connector: | 15 mm ISO 5356-1 |
| Tube/cuff material. | PVC |


Built-in, anatomically correct curve for fast and easy insertion
Navigation marks to guide flexible scope
Intubation capability using standard ET-tubes
Universal 15 mm connector (ISO)
Smooth sides without ridges or fins that can scratch delicate tissue
Reinforced tip resists folding over during insertion and plugs the upper esophageal sphincter
Ultra thin pilot balloon identifies mask size and provides precise tactile indication of degree of inflation

| GIMA code | AMBU® AURA-i™ | Patient weight | Maximum cuff inflation volume | Mask ET-Tubes |
|---|---|---|---|---|
| **34593** | Laryngeal Mask N 2 - pink | 10-20 kg | 10 ml | 5.0 |
| **34594** | Laryngeal Mask N 2.5 - violet | 20-30 kg | 14 ml | 5.5 |
| **34595** | Laryngeal Mask N 3 - green | 30-50 kg | 20 ml | 6.5 |
| **34596** | Laryngeal Mask N 4 - orange | 50-70kg | 30 ml | 7.5 |
| **34597** | Laryngeal Mask N 5 - blue | 70-100 kg | 40 ml | 8.0 |

# STANDARD LARYNGOSCOPE BLADES AND SETS - 2.5 V





Great features of the unique GIMA blades and handles
- standard 2.5 V vacuum bulb
- light ergonomic, satin finish handle to reduce glare
- Stainless Steel contacts guarantee long working life
- easy sterilization ETO or steam
- full range of Mc Intosh & Miller blades, latex free
- ISO 7376 fittings allow use of blades with existing handles
- set is packaged in an anti-shock case and in cardboard box
- 2.5 V handles work with both alkaline batteries or rechargeable batteries
- good light transmission of 3,500 LUX with 2.5 V handles
- autoclavable up to 134° for 5 minutes (approx. 2,000 times)
- non magnetic blades and handles

| GIMA code | STANDARD BLADES | Overall Length mm | Distal Width mm |
|---|---|---|---|
| **34310** | Blade N° 00 MILLER OXY - premature | 65 | 12.5 |
| **34311** | Blade N° 0 MILLER - premature/newborn | 78 | 11.5 |
| **34312** | Blade N° 1 MILLER - babies | 102 | 11.5 |
| **34313** | Blade N° 2 MILLER - adults | 155 | 16.5 |
| **34314** | Blade N° 3 MILLER - adults/large | 195 | 16.5 |
| **34317** | Blade N° 0 Mc INTOSH - newborn | 80 | 13 |
| **34318** | Blade N° 1 Mc INTOSH - babies | 92 | 14 |
| **34319** | Blade N° 2 Mc INTOSH - infants | 100 | 14 |
| **34320** | Blade N° 3 Mc INTOSH - adults | 130 | 18 |
| **34321** | Blade N° 4 Mc INTOSH - adults/large | 155 | 18 |

CE

| GIMA code | STANDARD RECHARGEABLE SETS (HANDLE+BLADES) | |
|---|---|---|
| **34301** | Pediatric set | 2 blades MILLER 0-1 |
| **34307** | Pediatric set | 3 blades MILLER 00-0-1 |
| **34305** | Pediatric set | 3 blades MILLER 0-1, Mc INTOSH 0 |
| **34306** | Doctor set | 3 blades MILLER 1, 2, 3 |
| **34302** | Adult set | 3 blades Mc INTOSH 2-3-4 |
| **34303** | Adult set | 4 blades Mc INTOSH 1-2-3-4 |

| GIMA code | BULBS, BATTERIES AND RECHARGEABLE HANDLES |
|---|---|
| **34352** | Small rechargeable handle - pediatric (2xAA) - 2.5 V |
| **34354** | Large rechargeable handle - adult (2XC) - 2.5 V |
| **34466** | Pediatric rechargeable Li-ion battery 2.5 V AA |
| **34467** | Adult rechargeable Li-ion battery 2.5 V "C"<br>*Charging time 2.5 hours (34466), 5 hours (34467)* |
| **31542** | Charging station (including pediatric adaptor, wall support, UK, US and EU plug) 100-240 V |
| **34324** | Small Bulbs for MAC N°0 and MILLER N°00,0,1 |
| **34325** | Large Bulbs for MAC N°1,2,3,4 and MILLER N°2,3<br>*compatible with Kawe and Riester* |

34324

34325

34352 34354

# DISPOSABLE F.O. LARYNGOSCOPE BLADES MILLER AND MC INTOSH

**SINGLE-PATIENT USE LARYNGOSCOPE F.O. BLADES**
Choice of 5 different blades: Mc Intosh N° 2, 3, 4 and Miller N° 0,1. All blades are tested for tensile strength. Individually packed, non sterile.

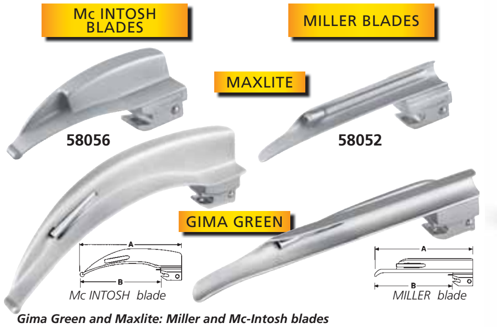
COMPATIBILITY WITH ALL "GREEN" F.O. SYSTEMS

| GIMA code | DISPOSABLE BLADES NON STERILE | Overall Length mm | Distal Width mm |
|---|---|---|---|
| **34481** | Metal handle | | |
| **34364** | Plastic handle | | |
| **34365** | N° 0 Miller - infant | 90 | 22 |
| **34366** | N° 1 Miller - child | 100 | 23.3 |
| **34375** | N° 2 Mc Intosh - adult small | 115 | 34.4 |
| **34376** | N° 3 Mc Intosh - adult | 132 | 40.6 |
| **34377** | N° 4 Mc Intosh - adult large | 155 | 58.7 |
| **34359** | Bulb for old plastic handle sold up to may 2016 | | |
| **34358** | Bulb for new plastic handle sold since june 2016 | | |

- **34381 EMERGENCY PACK:** plastic handle +3 disposable blades Mc Intosh N° 2,3,4
- **34382 NYLON BAG - empty**
- **34384 EMERGENCY CASE:** plastic handle+6 disposable blades Miller 0,1,2 and Mc Intosh 2,3,4.

# GIMA GREEN F.O. XENON/HALOGEN AND LED LARYNGOSCOPES

**GIMA GREEN LARYNGOSCOPES**
- maximum light transmission thanks to durable and high quality fibres
- specially designed blades for easy intubation
- matt finished to reduce glare
- autoclavable up to 134°C for 5 minutes. Blades autoclavable up to 2,000 times
- compatible to plasma sterilization
- all blades are compatible to BS EN ISO 7376 Green standard handles
- all blades are made from Austenitic Stainless steel thereby making them rust proof
- long life blades. GIMA offers 3 years Warranty
- a large selection of power sources to use: 'AA' and 'C' type batteries or 2.5 V and 3.5 V rechargeable batteries
- 2.5 V handles can be used with standard or rechargeable batteries
- handles are available with 2.5 V and 3.5 V Xenon/Halogen and LED bulbs
- all blades and handles are non magnetic



***Gima Green and Maxlite: Miller and Mc-Intosh blades***
- *Gima Green 4.0 mm Ø F.O. bundle with more than 5,500 individual fibre strands*
- *Miller Maxlite 3.0 mm Ø bundle with more than 5,000 individual fibre strands*
- *McIntosh Maxlite 4.5 mm Ø bundle with more than 6,500 individual fibre strands*

***High quality fibres ensuring excellent light transmission Gima Green and Miller Maxlite:*** *7,000 lux with 2.5 V Xenon/Halogen lamp, 12,500 lux with 3.5 V Xenon/Halogen lamp, 18,000 lux with 2.5 LED lamp, 30,000 lux with 3.5 V LED lamp*
*McIntosh Maxlite: 8,000/14,000/20,000/40,000 lux*

| GIMA code | "GIMA MAXLITE" FIBRE OPTIC BLADES | A | B |
|---|---|---|---|
| **58051** | MILLER N° 0 blade - Newborn | 80 | 55 |
| **58052** | MILLER N° 1 blade - Infant | 100 | 75 |
| **58056** | Mc INTOSH N° 0 blade - Newborn | 82 | 57 |
| **58057** | Mc INTOSH N° 1 blade - Infant | 93 | 68 |
| **58058** | Mc INTOSH N° 2 blade - Child | 115 | 90 |
| **58059** | Mc INTOSH N° 3 blade - Adult | 135 | 110 |
| **58060** | Mc INTOSH N° 4 blade - Adult large | 155 | 130 |
| **58061** | Mc INTOSH N° 5 blade - Adult x-large | 176 | 151 |

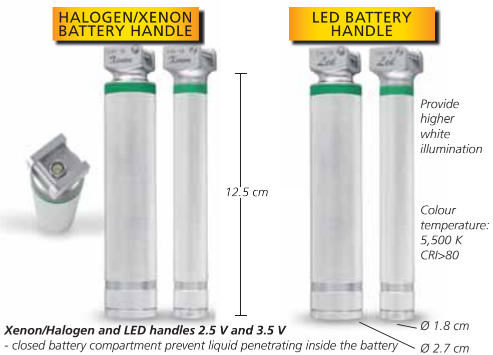
| GIMA code | "GIMA GREEN" FIBRE OPTIC BLADES* | A | B |
|---|---|---|---|
| **34460** | MILLER N° 00 OXY blade - Premature | 65 | 40 |
| **34461** | MILLER N° 0 blade - Newborn | 78 | 53 |
| **34462** | MILLER N° 1 blade - Infant | 102 | 77 |
| **34463** | MILLER N° 2 blade - Child | 155 | 130 |
| **34464** | MILLER N° 3 blade - Adult | 195 | 170 |
| **34469** | Mc INTOSH N° 0 blade - Newborn | 80 | 55 |
| **34470** | Mc INTOSH N° 1 blade - Infant | 92 | 67 |
| **34471** | Mc INTOSH N° 2 blade - Child | 100 | 75 |
| **34472** | Mc INTOSH N° 3 blade - Adult | 130 | 105 |
| **34473** | Mc INTOSH N° 4 blade - Adult large | 155 | 130 |
| **34474** | Mc INTOSH N° 5 blade - Adult x-large | 175 | 150 |

**equipped with detachable fibre optic light guide*

| | F.O. LIGHT GUIDE FOR GIMA GREEN BLADES |
|---|---|
| **34483** | F.O. Light guide for "GIMA Green" N°3 |
| **34484** | F.O. Light guide for "GIMA Green" N°4 |
| **34486** | F.O. Light guide for "GIMA Green" other - specify code |

**• 31542 GIMA GREEN CHARGING STATION - 100/200 V - 50/60 Hz**
It can charge either 2.5 V / 3.5 V NiCa, NimH or Li-ion rechargeable batteries independently of their status of charge. Unit is designed to prevent over charging of batteries. Simultaneously charging of pediatric and adult handle.

*Charging station includes pediatric adaptor, wall support, UK, US and EU plug*


HALOGEN/XENON BATTERY HANDLE
LED BATTERY HANDLE
12.5 cm
Provide higher white illumination
Colour temperature: 5,500 K CRI>80
Ø 1.8 cm
Ø 2.7 cm

***Xenon/Halogen and LED handles 2.5 V and 3.5 V***
- *closed battery compartment prevent liquid penetrating inside the battery*
- *handles are supplied with lamp. Battery not included*
- *solid metal handle of chromium plated metal*

**GIMA GREEN RECHARGEABLE BATTERY HANDLES**

| GIMA code | F.O. XENON/HALOGEN BATTERY HANDLES - 2.5 V |
|---|---|
| **34480** | Pediatric rechargeable metal handle (2xAA) - 2.5 V |
| **34481** | Adult rechargeable metal handle (2xC) - 2.5 V |
| **34466** | Pediatric rechargeable Li-Ion battery 2.5 V 1,000 mAh |
| **34467** | Adult rechargeable Li-Ion battery 2.5 V 2,200 mAh |
| **34485** | Halogen bulb 2.5 V (minimum order 6 pcs) |

| | "GIMA GREEN" RECHARGEABLE HANDLES AND BATTERIES 3.5 V - OLD up to lot 8 (ped handle) up to lot 7 (adult handle) |
|---|---|
| **34487** | Pediatric rechargeable metal handle (3.5 V) - old |
| **34488** | Adult rechargeable metal handle (3.5 V) - old |
| **34489** | Pediatric rechargeable NiCa battery 3.5 V/700 mAh for 34487 |
| **34490** | Adult rechargeable NiCa battery 3.5 V/1,300 mAh for 34488 |
| **34491** | Halogen Bulb 3.5 V |

| | F.O. XENON/HALOGEN BATTERY HANDLE 3.5 V |
|---|---|
| **34456** | Pediatric rechargeable metal handle (3.5 V) |
| **34457** | Adult rechargeable metal handle (3.5 V) |
| **31540** | Pediatric rechargeable Li-ion battery** 3.5 V for 34456 |
| **31541** | Adult rechargeable Li-ion battery** 3.5 V for 34457, 34482<br>***for handles sold after may 2013* |
| **34491** | Halogen Bulb 3.5 V |

| | F.O. LED BATTERY HANDLES 2.5 V AND 3.5 V |
|---|---|
| **34476** | Pediatric LED rechargeable handle 2.5 V |
| **34477** | Adult LED rechargeable handle 2.5 V |
| **34482** | Adult rechargeable metal handle - LED light 3.5 V |

**COMPATIBILITY HANDLE - BATTERY - BULB**

| GIMA code | Handle | | V | Battery | | | Bulb |
|---|---|---|---|---|---|---|---|
| | Xenon | LED | | Standard | | Rechargeable Li-ion* | |
| | | | | 2xAA | 2xC | | |
| **34480** | Ped. | - | 2.5 | yes | no | 34466 | 34485 |
| **34481** | Adult | - | 2.5 | no | yes | 34467 | 34485 |
| **34456** | Ped. | - | 3.5 | no | no | 31540 | 34491 |
| **34457** | Adult | - | 3.5 | no | no | 31541 | 34491 |
| **34476** | - | Ped. | 2.5 | yes | no | 34466 | - |
| **34477** | - | Adult | 2.5 | no | yes | 34467 | - |
| **34482** | - | Adult | 3.5 | no | no | 31541 | - |

*****Li-ion batteries*** *have twice the capacity of an equivalent size NimH batteries.*

## GIMA GREEN F.O. XENON/HALOGEN, LED LARYNGOSCOPE SETS

**GIMA F.O. XENON/HALOGEN AND LED SETS**

- Mc Intosh or Miller blades
- F.O. laryngoscopes provide cool bright illumination
- Gima Green F.O. blades with detachable fibre or Maxlite F.O. blades with integrated fibre
- Xenon/Halogen or LED F.O. rechargeable battery handle
- 2.5 V or 3.5 V rechargeable battery handle (battery not included). 2.5 V rechargeable battery handle can be used with standard or rechargeable batteries. Rechargeable battery handles should be used with charging station 31542 (not included).
- non magnetic blades and handles

| LARYNGOSCOPE SET WITH F.O. BLADES | | |
|---|---|---|
| **GIMA code** | **GIMA GREEN F.O. XENON/HALOGEN SET - 2.5 V** | |
| **34451** | Pediatric set | 2 blades Miller 0-1 |
| **34454** | Pediatric set | 3 blades Miller 0-1, Mc Intosh 0 |
| **34452** | Adult set | 3 blades Mc Intosh 2-3-4 |
| **34453** | Adult set | 4 blades Mc Intosh 1-2-3-4 |
| **34455** | Doctor set | 3 blades Miller 1-2-3 |
| **34485** | Halogen bulb 2.5 V (minimum order 6 pcs) | |
| **34450** | Empty box without sponge | |
| **GIMA code** | **GIMA GREEN F.O. LED SET - 2.5 V OR 3.5 V** | |
| **34327** | Adult set | 3 blades Mc Intosh 2-3-4 - 2.5 V |
| **34328** | Adult set | 4 blades Mc Intosh 1-2-3-4 - 2.5 V |
| **34329** | Adult set | 3 blades Mc Intosh 2-3-4 - 3.5 V |
| **34330** | Adult set | 4 blades Mc Intosh 1-2-3-4 - 3.5 V |

**MAXLITE F.O. BLADE WITH INTEGRATED FIBRE**

*Built with an integrated F.O. bundle with no cavities to trap dirt or body fluids, this allowing the blade to be easily cleaned and decontaminated.*

**GIMA GREEN F.O. BLADE**

| TECHNICAL SPECIFICATIONS - BLADES AND BULBS | Gima Green F.O. blade | Maxlite F.O. Mc Intosh blade |
|---|---|---|
| Fibre light carrier: | detachable | integrated |
| F.O. bundle Ø: | 4.0 mm | 4.5 mm |
| Individual fibre strands: | > 5,500 | > 6,500 |
| Light transmission with 2.5 V (Xenon): | 7,000 lux | 8,000 lux |
| Light transmission with 2.5 V (LED): | 18,000 lux | 20,000 lux |
| Light transmission with 3.5 V (Xenon): | 12,500 lux | 14,000 lux |
| Light transmission with 3.5 V (LED): | 30,000 lux | 40,000 lux |
| Autoclavable at 134 °C: | 2,000 times | 2,000 times |
| LED bulb life: | 50,000 hours | 50,000 hours |

| LARYNGO SET WITH F.O. BLADES - INTEGRATED FIBRE | | |
|---|---|---|
| **GIMA code** | **MAXLITE F.O. XENON/HALOGEN SET - 2.5 V** | |
| **34332** | Pediatric set | 3 blades Miller 00-0-1 |
| **34333** | Adult set | 3 blades Mc Intosh 1-2-3 |
| **34334** | Adult set | 4 blades Mc Intosh 1-2-3-4 |
| **34485** | Halogen bulb 2.5 V (minimum order 6 pcs) | |
| **GIMA code** | **MAXLITE F.O. LED SET - 2.5 V or 3.5 V** | |
| **34336** | Pediatric set | 3 blades Miller 00-0-1 - 2.5 V |
| **34335** | Adult set | 3 blades Mc Intosh 2-3-4 - 2.5 V |
| **34337** | Adult set | 4 blades Mc Intosh 1-2-3-4 - 2.5 V |
| **34338** | Adult set | 4 blades Mc Intosh 1-2-3-4 - 3.5 V |
| **GIMA code** | **BATTERIES for GIMA GREEN and MAXLITE** | |
| **34466** | Pediatric rechargeable Li-ion battery 2.5 V 1,000 mAh | |
| **34467** | Adult rechargeable Li-ion battery 2.5 V 2,200 mAh | |
| **31541** | Adult rechargeable Li-ion battery 3.5 V* | |

*Packed and shipped at half charged state

## FLEXTIP F.O. XENON/HALOGEN AND LED SETS FOR DIFFICULT INTUBATIONS

**F.O. SET FOR DIFFICULT INTUBATION**

Deluxe boxed set including one F.O. rechargeable handle, one or two F.O. Mc Intosh blades N° 3 or N° 3 and 4, for difficult intubations and bulb. The movable blade tip facilitates lifting of the epiglottis and enables a perfect visibility of the intubation process even in case of difficult anatomical conditions. A better visibility and a lower lever force reduce the risk of injury of the larynx and the teeth. Autoclavable at 134° C.

- stainless steel construction, matt finish
- can be used with all Green Spec Handles
- compatible with ISO 7376 Green Standards
- channel provides improved viewing area
- 4.0 mm fibre bundles (GimaGreen) or 4.5 mm fibre bundle (Maxlite) for maximum light output
- 2x"C" batteries or rechargeable batteries

34492

| GIMA code | FLEXTIP F.O. SET - 2.5 V |
|---|---|
| **34492** | GIMA GREEN FLEXI F.O. SET 1 blade Mc Intosh 3 |
| **34495** | GIMA GREEN FLEXI F.O. SET 2 blades Mc Intosh 3-4 |
| **34498** | MAXLITE F.O. LED FLEXI SET 2 blades Mc Intosh 3-4 with integrated fibre |

| GIMA code | ACCESSORIES AND SPARES |
|---|---|
| **34493** | FLEXI F.O. BLADE N° 3 Mc Intosh (130x105 mm) |
| **34494** | FLEXI F.O. BLADE N° 4 Mc Intosh (155x130 mm) |
| **34485** | Bulb 2.5 V - spare |
| **34467** | Adult rechargeable Li-ion battery 2.5 V |
| **31542** | Charging station 100-240 V - see page 327 |

## HEINE CLASSIC+® F.O. XHL OR LED$^{HQ}$ LARYNGOSCOPES

**HEINE CLASSIC+® F.O. XHL OR LED$^{HQ}$ LARYNGOSCOPES**

The “Classic+” range of F.O. blades with HEINE HiLite® Fibre bundle with over 6,500 individual micro-fibres offer improved light transmission and longer life. Together with the innovative HEINE LED$^{HQ}$ light in the handle or the traditional XHL Xenon Halogen Bulb, the exclusive HEINE HiLite® Fibre Optic bundle with up to 4.3 mm of Ø offers 3X or 40% brighter light as with other conventional halogen bulbs.

**5 years warranty** 5-years guarantee or 4,000 standard autoclave cycles of 134°C/5 min. with more than 1,000 lux on all blades with HEINE HiLite® fibre bundle.

**Long lasting bulbs** HEINE XHL® Xenon Halogen bulbs incorporate the latest Xenon Halogen Technology to give you up to 40% more light! HEINE XHL Xenon Halogen 3.5 V bulbs last up to twice as long as 2.5 V bulbs and give up to three times the light of conventional 2.5 V Halogen laryngoscope bulbs. HEINE LED$^{HQ}$ handles offer even three times the light intensity of the 3.5V Xenon Halogen bulbs for an outstanding and constant bright illumination.

**Long lasting 3.5 V rechargeable batteries** HEINE 3.5 V systems (LED$^{HQ}$ or XHL) use a long-lasting 3.5 V lithium rechargeable battery which avoids the need to replace non-rechargeable batteries at frequent intervals. HEINE F.O. laryngoscope blades and handles are compatible with the ISO 7376 (green standard).

*For fast charge in 2 hours*

*Size: 14x6x6.6 cm*

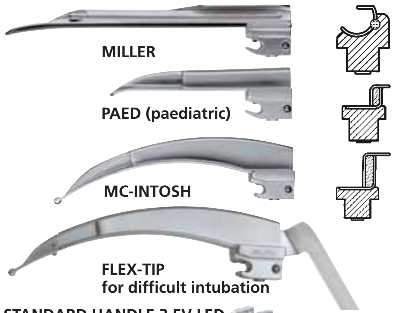
34374

- **34374 NT 4 CHARGER UNIT FOR 2 HANDLES - X-002.99.494**

Two independent charging compartments:
- fast charge capability: 2 hours for Li-ion handle
- automatic charging
- charger indicator

| GIMA code | HEINE code | HEINE FIBRE OPTIC BLADES | Overall length | Distal length |
|---|---|---|---|---|
| **34411** | **F-000.22.119** | MILLER 00 | 76 mm | 9.5 mm |
| **34412** | **F-000.22.120** | MILLER 0 | 80 mm | 10.5 mm |
| **34413** | **F-000.22.121** | MILLER 1 | 100 mm | 11.5 mm |
| **34414** | **F-000.22.122** | MILLER 2 | 152 mm | 13 mm |
| **34415** | **F-000.22.110** | PAED 0 | 82 mm | 12 mm |
| **34416** | **F-000.22.111** | PAED 1 | 95 mm | 13 mm |
| **34417** | **F-000.22.100** | MAC 0 | 82 mm | 9 mm |
| **34418** | **F-000.22.101** | MAC 1 | 93 mm | 11 mm |
| **34419** | **F-000.22.102** | MAC 2 | 115 mm | 13 mm |
| **34420** | **F-000.22.103** | MAC 3 | 135 mm | 15 mm |
| **34421** | **F-000.22.104** | MAC 4 | 155 mm | 15 mm |
| **34422** | **F-000.22.105** | MAC 5 | 176 mm | 15 mm |
| **34423** | **F-000.22.313** | MAC 3 - Flex Tip+ | 115 mm | 13.2 mm |
| **34368** | **F-000.22.314** | MAC 4 - Flex Tip+ | 137 mm | 13.2 mm |
| **HEINE STANDARD LARYNGOSCOPE HANDLES AND ACCESSORIES** | | | | |
| **34430** | **F-001.22.800** | Slim F.O. handle 2.5 V - pediatric | | |
| **34400** | **F-001.22.812** | Short F.O. handle 2.5 V - pediatric and obese | | |
| **34401** | **F-001.22.860** | Standard F.O. handle 2.5 V | | |
| **34405** | **F-008.22.860** | Standard F.O. handle 2.5 V LED | | |
| **31769** | **X-001.88.035** | Spare bulb 2.5 V for 34400, 34401, 34430 | | |
| **31768** | **X-002.88.044** | Spare bulb 3.5 V for 34369 | | |
| **HEINE RECHARGEABLE LARYNGOSCOPE HANDLES AND BATTERIES** | | | | |
| **34371** | **F-008.22.804** | Pediatric LED handle 2.5 V Li-ion rechargeable* | | |
| **34372** | **F-007.22.894** | Standard F.O. handle 3.5 V Li-ion - rechargeable* | | |
| **34373** | **F-008.22.894** | Standard LED handle 3.5 V Li-ion - rechargeable* | | |
| **34378** | **X-007.99.104** | Re-chargeable 2.5 V battery pediatric for 34371 | | |
| **34448** | **X-007.99.383** | Re-chargeable 3.5 V battery for 34372-3, 34402, 34367<br>*Need NT4 charger unit code 34374 | | |
| **HEINE CLASSIC+® FIBRE OPTIC LARYNGOSCOPE SETS** with 2.5V handle** | | | | |
| **34403** | **F-119.10.860** | 3 blades set with paed 1, mac 2, mac 3, XHL handle | | |
| **34404** | **F-120.10.860** | 4 blades set with paed 1, mac 2, mac 3, mac 4, XHL handle | | |
| **34446** | **F-120.18.860** | 4 blades set with paed 1, mac 2, mac 3, mac 4, LED HQ handle | | |
| **with 3.5V rechargeable handle** | | | | |
| **34367** | **F-119.94.865** | 3 blades set with paed 1, mac 2, mac 3, LED HQ rechargeable handle | | |

**Set includes spare bulb and F.O. handle 2.5 V (34401) or F.O. LED handle 2.5 V



**STANDARD HANDLE 3.5V LED Li-ion©**

Rechargeable 3.5V F.O. LED handle with charge status display in bottom cap. State of charge is indicated for 10 seconds after switching on or after removing from the charger. Two hours charging time with NT4 charger, up to 13 hours ON time.

LED$^{HQ}$
LED NOW IN HEINE QUALITY.

LED HANDLE:
- 5,000 Kelvin
- 12,000 LUX at 40 mm
- 50,000 hours bulb life

*Handle with charge status display*

34404

## AMBU® KING VISION® VIDEO LARYNGOSCOPE

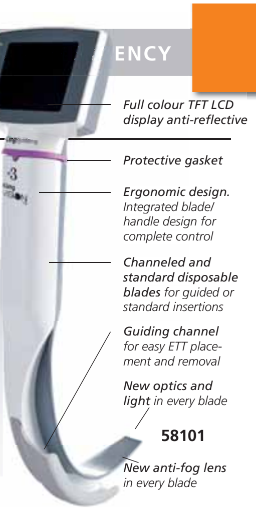
- **58101 KING VISION® VIDEO LARYNGOSCOPE SET**

The King Vision® video laryngoscope is especially designed to visualize, in the most reliable way, the airways for routine and difficult intubations.
The reusable display is lightweight, water resistant, non-glare, smudge-proof, packaged in a protective foam case and is battery operated.
The blades are disposable and are individually packaged, eliminating cross contamination risks.
It can be used continuously about 80 minutes, making it highly portable.
Video output compatible with external monitor and recording devices.
**Two blade types:** a standard blade that requires the use of a stylet to direct the ET tube and a channeled blade where you can guide the ET tube with the blade.
Made in the U.S.A.

- **58104 STANDARD VISION BLADE - size 3 - spare**
- **58105 CHANNELED VISION BLADE - size 3 - spare**

**STANDARD ACCESSORIES**
Vision display
3 channeled vision blades - size 3
1 standard vision blade - size 3
AAA batteries
Case

58105 58104


*Full colour TFT LCD display anti-reflective*
*Protective gasket*
*Ergonomic design. Integrated blade/ handle design for complete control*
*Channeled and standard disposable blades for guided or standard insertions*
*Guiding channel for easy ETT placement and removal*
*New optics and light in every blade*
*New anti-fog lens in every blade*
58101

## USB F.O. LARYNGOSCOPE HANDLE

- **34468 USB F.O. LARYNGOSCOPE HANDLE**

Universal USB handle for green fibre optic blades.
This handle is a charging unit including lithium-ion rechargeable battery and USB port for easy recharging without charging station.
Features:
- glass bead blasted, matt chromium plated surface for a high quality optic
- no surface structure, lateral grooves for hygienic use and secure grip in the hand
- metallic lamp case
- quick and easy removal of bulb
- autoclavable up to 134° (without batteries)
- handle in accordance with ISO 7376 (green standard)

Made in Germany.

USB port

IN ACCORDANCE WITH ISO 7376 FOR ALL GREEN F.O. BLADES

34468

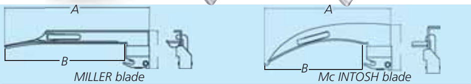
*Handle supplied in a rigid case with 3 adapters (US, GB, EU)*

## F.O. LARYNGOSCOPE BLADES AND BATTERY HANDLES SINGLE PATIENT STERILE

**SINGLE PATIENT USE F.O. LARYNGOSCOPE BLADES**
Choice of 6 blades Miller 0.1 and McIntosh 1, 2, 3, 4 for everyday hospital use. Compatible to ISO 7376 Green System. Light conductor made from material with excellent light transmission: 4,000 lux with 2.5 V Xenon handle and 10,000 lux with LED handle. Need F.O. handle.

*A high impact resistant plastic block coupled with metal spatula provides great strength to the whole blade comparable to all metal reusable blades*

58002 58001 58009 58007



| GIMA code | SINGLE PATIENT F.O. BLADES | A | B |
|---|---|---|---|
| 58001 | MILLER N° 0 blade - Newborn | 78 | 54 |
| 58002 | MILLER N° 1 blade - Infant | 105 | 80 |
| 58006 | Mc INTOSH N° 1 blade - Infant | 90 | 66 |
| 58007 | Mc INTOSH N° 2 blade - Child | 100 | 76 |
| 58008 | Mc INTOSH N° 3 blade - Adult | 130 | 106 |
| 58009 | Mc INTOSH N° 4 blade - Adult large | 155 | 131 |

**SINGLE PATIENT USE BATTERY HANDLES**
- lightweight, suitable for everyday hospital use
- single patient use, prevent cross infection
- compatible to ISO 7376 Green System
- perfect solution to cleaning problems confronting EMS field
- Ready To Use (RTU) handles are supplied with preloaded batteries, thus eliminating the hessel of loading batteries
- the 'C' type handles are identified with yellow colour bottom cap, supplied without batteries
- suitable also for reusable blades
- made in ABS

58012 58014 58015

| GIMA code | SINGLE PATIENT USE F.O. LED BATTERY HANDLES 2.5 V |
|---|---|
| 58012 | Battery handle "C" type - adult |
| 58014 | Battery handle "RTU" (ready to use) - pediatric |
| 58015 | Battery handle "RTU" (ready to use) - adult |

PERSONALIZED EMERGENCY KIT
WE CAN PROVIDE KITS WITH YOUR REQUESTED PRODUCTS.
Code 34158 minimum order 5 kits

## EMERGENCY KITS COMPLETE WITH STANDARD EMERGENCY DEVICES

34173

**SMART BAGS - medium - blue**
- **27152 SMART BAG - medium empty - 55x35xh 32 cm**
- **34173 "GIMA 3" EMERGENCY BAG - filled - without cylinder**

34163

**LOGIC 2 RUCKSACKS - red**
- **27171 LOGIC 2 RUCKSACK - empty - 40x25xh 47 cm**
- **34162 "GIMA 8" EMERGENCY RUCKSACK - filled**
- **34163 "GIMA 9" EMERGENCY RUCKSACK - filled**
- **34164 "GIMA 10" EMERGENCY RUCKSACK - filled - without cylinder**
- **34175 "GIMA 11" EMERGENCY RUCKSACK - filled**

**LOGIC 2 RUCKSACKS PVC COATED - red**
- **27172 LOGIC 2 RUCKSACK PVC COATED - empty - 40x25xh 47 cm**
- **34165 "GIMA 12" EMERGENCY RUCKSACK PVC COATED - filled - same as "GIMA 9", without cylinder**

27172

**EMERGENCY ALUMINIUM CASE**
- **34159 ALUMINIUM CASE - empty - 40x35x10 cm**
- **34161 "GIMA 2" EMERGENCY CASE - filled**

34161
*Aluminium emergency case*

34174

**SMART BAGS - large - red**
- **27153 SMART BAG - large empty - 65x35xh 35 cm**
- **34174 "GIMA 7" EMERGENCY BAG - filled**

*Capacious bag, made in water resistant, anti-scratch 600D polyester, with yellow reflective strips.*
*With 1 large central compartment, 1 front and 3 lateral pockets. Can be carried on shoulders (braces) or hand (2 handles)*

34156

**EMERGENCY BAGS - red**
- **27165 EMERGENCY BAG - empty - 35x45x21 cm**
- **34155 "GIMA 6" EMERGENCY BAG - filled - without cylinder**
- **34156 "GIMA 4" EMERGENCY BAG - filled**
- **34157 "GIMA 5" EMERGENCY BAG - filled**

**EMERGENCY BAGS PVC COATED - blue**
- **27167 EMERGENCY BAG PVC COATED - empty - 35x45xh 21 cm**
- **34154 "GIMA 13" EMERGENCY BAG PVC COATED - filled - same as "GIMA 4", without cylinder**

27167

34176

**IP67 CERTIFIED DURABLE CASE - waterproof and dustproof**
- **27222 LARGE DURABLE CASE - empty - 55x43xh 21 cm**
- **34176 "GIMA 1" EMERGENCY DURABLE CASE - filled**

# EMERGENCY KITS - BAGS, RUCKSACKS, CASES

| KIT CONTENTS | Size cm | 34155 | 34156 | 34157 | 34154 | 34173 | 34174 | 34161 | 34176 | 34162 | 34163 | 34164 | 34175 | 34165 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | GIMA 6 | GIMA 4 | GIMA 5 | GIMA 13 | GIMA 3 | GIMA 7 | GIMA 2 | GIMA 1 | GIMA 8 | GIMA 9 | GIMA 10 | GIMA 11 | GIMA 12 |
| | | bag | bag | bag | bag | bag | bag | al case | pl case | rucksack | rucksack | rucksack | rucksack | rucksack |
| **Container (bag, rucksack or case)** | | | | | | | | | | | | | | |
| Smart bag - medium - blue 600D polyester (27152) | 55x35xh 32 | | | | | ● | | | | | | | | |
| Smart bag - large - red 600D polyester (27153) | 65x35xh35 | | | | | | ● | | | | | | | |
| Emergency bag - red 600D polyester (27165) | 35x45xh 21 | ● | ● | ● | | | | | | | | | | |
| Emergency bag - blue 600D polyester PVC coated (27167) | 35x45xh 21 | | | | ● | | | | | | | | | |
| Logic 2 rucksack - red 600D polyester (27171) | 40x25xh 47 | | | | | | | | | ● | ● | ● | ● | |
| Logic 2 rucksack - red 600D polyester PVC coated (27172) | 40x25xh 47 | | | | | | | | | | | | | ● |
| Durable case - orange (27222) | 55x43xh 21 | | | | | | | | ● | | | | | |
| Aluminium case (34159) | 40x35xh 10 | | | | | | | ● | | | | | | |
| **Products included in kits** | | | | | | | | | | | | | | |
| Emergency cover (34085) | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Universal scissors - 15 cm (34128) | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Facemask n. 2 - child/small (34222) | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Silicone resuscitator bag with mask n 4 - adult (34245) | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Teeth screw driver (34273) | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Tongue holding forceps (34274) | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Oxygen tube - 120 cm (34276) | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Mixed Guedel airways - box of 10 (34439) | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Oxygen therapy mask - adult (34166) | | | ● | ● | | | ● | ● | ● | ● | ● | | ● | |
| 0.5 l oxygen cylinder (empty) with reducer UNI std (34500) | | | ● | ● | | | ● | ● | ● | ● | ● | | ● | |
| Yton nurse stethoscope (32514) | | ● | ● | ● | ● | | | | | | | | | |
| Jotarap dual head stethoscope - black (32580) | | | | | | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Yton sphygmomanometer (32720) | | ● | ● | | ● | | | | | | | | | |
| London sphygmomanometer (32725) | | | | ● | | ● | ● | ● | ● | ● | ● | ● | | ● |
| Welch Allyn DURASHOCK sphygmomanometer (32700) | | | | | | | | | | | | | ● | |
| Emergency pack - 3 F.O. single-use blades+plastic handle (34381) | | ● | ● | | ● | | | | | ● | | | | |
| Laryngoscope set 3 Mc-Intosh blades 2-3-4 (34302) | | | | ● | | ● | ● | | ● | | ● | ● | | ● |
| "Gima green" F.O. laryngoscope set 4 Mc Intosh blades 1-2-3-4 (34453) | | | | | | | | | | | | | ● | |
| Hand suction unit (28180) | | ● | | | | ● | ● | | | | | ● | | |
| Res-q-vac hand suction unit (28124) | | | | ● | | | | | ● | | ● | | ● | ● |
| Delta pen light (25629) | | | | ● | | ● | ● | | ● | | ● | ● | ● | ● |
| Fast tourniquet - green (25728) | | | | ● | | ● | ● | | ● | | ● | ● | ● | ● |
| Magill forceps - 20 cm (34002) | | | | ● | | ● | ● | | ● | | ● | ● | ● | ● |
| Gima digital thermometer °C (25560) | | | | ● | | ● | ● | | ● | | ● | | ● | ● |
| Disinfectant wipes - tube 100 wipes (36625) | | | | ● | | ● | ● | | ● | | ● | | ● | ● |
| Emocontrol elastic bandage (34782) | | | | ● | | ● | ● | | ● | | | | ● | |
| Gauze bandage 3.5 m x 7 cm - box of 10 (34841) | | | | ● | | ● | ● | | ● | | | | ● | |
| Sterile adhesive dressing 10 x 10 cm - box of 6 (34851) | | | | ● | | ● | ● | | ● | | | | ● | |
| Oxy-4 fingertip oximeter (35092) | | | | | | ● | ● | | | | | | ● | |
| Instant ice - bag 3 pcs. (34111) | | | | | | ● | ● | | ● | | | | ● | |
| Burn dressing - 10x10 cm (34871) | | | | | | | | ● | | | ● | ● | | ● |
| 3 E3 padded pouches with window red (27188), blue (27189), green (27191) | | | | | | | | | ● | | | | | |
| 2 E4 pouches with window red (27192), yellow (27194) | | | | | | | | | ● | | | | | |

# INTUBATION BAG WITH EMERGENCY ACCESSORIES

- **27133 INTUBATION BAG - empty**
- **34152 INTUBATION KIT - complete**
- **34153 INTUBATION KIT F.O. - complete**

Compact nylon bag suitable for various uses: 2 internal zip pockets, 9 elastic retainers for instruments, made in water-resistant anti-scratch 600D polyester, blue colour. Size: 32x22.5xh 7.5 cm.

| STANDARD ACCESSORIES | 34152 | 34153 |
|---|---|---|
| Mc Intosh Laryngoscope s/s blades N 1, 2, 3 | 3 | 3 F.O. |
| Laryngoscope metal handle | 1 | 1 |
| Magill forceps | 1 | 2 |
| Tongue holding forceps | 1 | 1 |
| Guedel cannula | 3 | 5 |
| Mouth opener | 1 | 1 |
| Scissors cm 14.5 | 1 | 1 |
| Endotracheal tubes | - | 4 |

34152

2 zip pockets

# MEDICATION FIRST AID BAG

- **27132 MEDICATION FIRST AID BAG - empty - 31x22x11 cm**
- **34149 MEDICATION FIRST AID BAG - filled**

First aid bag provided with 2 internal transparent pockets, one external pocket, internal division with 2 zip on both sides, handle and carrying belt.

**STANDARD ACCESSORIES**

- London palm sphygmomanometer (32725)
- Yton single head sthetoscope (32514)
- Delta Led pen light (25629)
- Fast tourniquet (25728)
- Digital thermometer (25560)
- Sterile adhesive dressing 10x10 cm - box of 6 (34851)
- Liester bandage scissors - 15 cm (34129)
- CPR mask (34218)
- Disinfectant wipes
- 3M Steri strips (34915 - 34916 - 34917 - 34918)
- Emergency cover (34085)

27132

34149

# GIMA RESUSCITATION KITS

- **34181 SPEED 1 RESUSCITATION KIT - UNI cylinder**
- **34182 SPEED 2 RESUSCITATION KIT - NF cylinder**
- **34183 SPEED 3 RESUSCITATION KIT - without cylinder**
- **34180 SPEED EMPTY CASE - with sponge**
- **34222 FACEMASK N° 2 - child small**

First aid kits for reanimation, very useful for medical and dental rooms, sport clubs, factories, ambulances… Case made of anti-shock plastic. Size: 43 x 37 x 11 cm.

| STANDARD ACCESSORIES | SPEED 1 | SPEED 2 | SPEED 3 |
|---|---|---|---|
| Silicone resuscitation bag - autoclavable | • | • | • |
| Silicone Face mask n° 4 | • | • | • |
| Oxygen cylinder 0.5 l (empty). UNI standard | • | | |
| Oxygen cylinder 0.5 l (empty). NF standard | | • | |
| High pressure manometer | • | • | |
| Guedel airways (small + medium + large) | • | • | • |
| Helicoidal mouthwedge + Tongue holding forceps | • | • | • |
| Atoxing tubing for connection to oxygen cylinder | • | • | • |
| Plastic case | • | • | • |

34181

# SPLINTER REMOVAL KIT

Small metallic splinters, eye tool remove

34192

*The body is made of anodised aluminium and the neoprene seals guarantee a better pencil hold. Supplied in a box and CE marked.*

34190

- **34190 SPLINTER REMOVAL KIT**

Includes everything to remove splinters and for first aid medications. In a polypropylene box size 235x190x43 mm:
1 Eye wash solution 100 ml with an eye glass
1 magnifying glass, 2 sterile gauze pads 18x40 cm
1 Professional removal pencil, 1 mirror.
1 stainless steel tweezers 11.5 cm

- **34192 PROFESSIONAL REMOVAL PENCIL**

Small metallic splinters eye tool remover. On one side a magnetic point to remove any metallic splinter avoiding any risk for the eye. On the other side an antiabrasive nylon loop for non metallic splinters.

# MEDICAL SPORT BAG

- **34135 MEDICAL SPORT BAG**

Special kit designed for first aid in sporting clubs (tennis clubs, swimming pools, gymnasium,....).
Soft nylon bag has 2 side pockets and zip closure.

*Size: 470x240x190 mm*
*Weight: 6.5 kg*

**STANDARD ACCESSORIES**

| | |
|---|---|
| 1 isothermic blanket Gold/Silver 160x210 cm | 1 pack of 20 adhesive plasters 2x7 cm |
| 1 Disinfectant liquid 250 ml | 8 adhesive plasters 10x6 cm |
| 2 adhesive plasters 5 m x 2,5 cm | 1 sterile TNT bandage 60x40 cm |
| 2 pairs of sterile gloves | 1 sterile TNT bandage 60x80 cm |
| 2 VENTO mouth to mouth resuscitators | 6 sterile TNT pads 10x10 cm |
| 6 sterile gauze pads 18x40 cm | 5 instant ice packs |
| 2 instant ice sprays 150 ml | 1 hydrogen peroxide solution |
| 3 triangular TNT bandages 96x96x136 cm | 1 elastic net bandage |
| 3 Elastic bandages 6 cm | 1 haemostatic lacet |
| 3 Elastic bandages 8 cm | 1 sterile tweezers |
| 1 cotton wool pack | 5 ammonia towelettes |
| 1 pair of LISTER scissors 14,5 cm | 1 sterile saline solution bottle 250 ml |
| 2 compressive pad bandages 80x100 mm | 1 gel hands disinfectant 100 ml |
| 2 compressive pad bandages 100x120 mm | guidance leaflet 5 languages |

# EYE WASH SYSTEMS

- **34889 DROP - eye wash station**

Thermo-formed wall kit with all necessary items for an efficient first emergency eye wash:
- 2 sterile saline solutions of 500 ml
- 2 integrated eye cups and eye mirror.

- **34888 EYE WASH SOLUTION 500 ml**
- **sterile - spare**

34889

# FIRST AID FAMILY CASE

Size: 235x190x43 mm

34136

*Case in polypropylene*

*Guidance in: GB, FR, IT, ES, DE, TR*

- **34136 FAMILY FIRST AID CASE**
- **34450 EMPTY CASE**

Small first aid case suitable for use anywhere and anytime: (at home or office, in the car or boat...). Made in Italy

**STANDARD ACCESSORIES**

| | |
|---|---|
| 2 sterile gauze pads 18x40 cm | 3 antiseptic wipes |
| 1 pair of scissors. 1 plastic tweezers | 1 adhesive dressing 10 x 6 cm |
| 1 sterile bandage 60x40 cm | 1 gauze bandage 5 cm |
| 1 cotton wool pack 5 g | 1 adhesive plaster roll 2 cm x 1m |
| 1 pack of 10 adhesive plasters | 1 pair of protection gloves |
| 1 tissue pack 10 pcs | Guidance Leaflet 6 languages |

# FIRST AID CASE AND BAG

- **34184 SMALL KIT - plastic case**

Size: 290x215x90 mm - 1.4 kg
See content of kit at page 334

- **34188 REFILL PACK for 34184-34185-34194**
- **34186 EMPTY PLASTIC CASE**

290x215x90 mm

- **34185 MIZAR BAG - nylon**

Size: 250x180x90 mm
Same contents as 34184 see page 334

34184

*Advised for offices or workshops of 2 people*
*Meets Italian law 388-Art. 2*

34185

# FIRST AID PLASTIC CASES AND METAL CABINETS

34196

34197

- **34196 MEDIUM KIT - plastic case** Size: 275x240x123 mm - 2 kg
- **34197 MEDIUM KIT - metal cabinet** Size: 370x300x140 mm - 3.8 kg
- **34187 REFILL PACK** for code 34196-97
- **34141 EMPTY METAL CABINET** 370x300x140 mm

34198

34199

34195

- **34195 LARGE KIT - plastic case 1** Size: 460x345x135 mm - 6.2 kg
- **34198 LARGE KIT - plastic case 2** Size: 395x270x135 mm - 6.2 kg
- **34199 LARGE KIT - metal cabinet** Size: 460x300x140 mm - 7.5 kg
- **34189 REFILL PACK** for code 34195-34198-34199 without sphygmomanometer
- **34191 EMPTY PLASTIC CASE 1** 460x345x135 mm
- **34138 EMPTY PLASTIC CASE 2** 395x270x135 mm

- **34143 METAL CABINET**
Supplied with 3 internal metal shelves, removable bottle floor support, 2 small shelves on the door, lock and key. Size 402x582x202 mm - 12.9 kg
- **34145 EMPTY METAL CABINET** 402x582x202 mm

| STANDARD CASES / CABINETS CONTENT | 34194<br>34184-5 | 34196<br>34197 | 34195<br>34198-9 | 34143 | 34151 | SPARES see page |
|---|---|---|---|---|---|---|
| Bags liquid soap | | 3 | | 3 | | 348 |
| Bags antiseptic wipes | | 3 | | 3 | | 349 |
| Bottle antiseptic solution 125 ml | 1 | 1 | | | | - |
| Bottle antiseptic solution 250 ml | | | | 1 | | 349 |
| Bottle antiseptic solution 500 ml | | | 2 | 3 | 2 | - |
| Oxygenated water bottle | | | | 1 | | 349 |
| Ammonia bag | | 2 | | 2 | | - |
| Pair protective gloves, sterile | 2 | 2 | 5 | 5 | 5 | 19 |
| Box of 10 assorted plasters | 1 | 1 | 2 | | 2 | 345 |
| Box of 100 assorted plasters Plastosan | | | | 1 | | 345 |
| Box of 100 assorted 7x2 cm Plastosan | | | | 1 | | 345 |
| Adhesive plaster roll 2,5 cm x 5 m | 1 | 1 | 2 | 2 | 2 | 343 |
| Elastic bandage with clip 4,5 cm x 7 m | | | | 1 | | 339 |
| Pack of 8 assorted gauze bandages | | | | 1 | | 339 |
| Gauze bandage 10 cm x 3,5 m | 1 | 1 | | | | 339 |
| Tubular net gauze | | | 1 | 1 | 1 | 336 |
| Pack of sterile compress 10 x 10 cm | 3 | 3 | 10 | 10 | 10 | 341 |
| Pack of sterile compress 18 x 40 cm | 1 | 3 | 2 | 6 | 2 | 341 |
| Pack of cotton wool | 1 | 1 | 1 | 3 | 1 | 342 |
| Mask with face shield | | | 1 | 1 | 1 | 16 |
| Pair of scissors cm 14,5 | 1 | 1 | 1 | 1 | 1 | 335 |
| Sterile forceps | 1 | 1 | 2 | 2 | 2 | 38 |
| Haemostatic lacet | 1 | 1 | 3 | 3 | 3 | 56 |
| Sphygmomanometer + Stethoscope | | | 1 | 1 | 1 | 229-250 |
| Sterile blanket 40x60 cm | | 1 | 2 | 2 | 2 | - |
| Pack of instant ice, single use | 1 | 1 | 2 | 2 | 2 | 347 |
| Digital thermometer | | | 1 | 1 | 1 | 78 |
| Trash bag | 1 | 1 | 2 | 5 | 2 | - |
| First aid multilanguage booklet | 1 | 1 | 1 | 1 | 1 | - |
| Guidance leaflet | 1 | 1 | 1 | 1 | 1 | - |
| Irrigating solution 250 ml | 1 | 1 | | | | 349 |
| Irrigating solution 500 ml | | | 3 | 3 | 3 | - |
| Triangular blanket 96x96x136 cm | | 1 | | 4 | | - |
| Isothermic blanket gold/silver 160x210 cm | | | | 1 | | 347 |
| Sterile burn gel sachet 3.5 g | | | | 3 | | 347 |
| Compressive Emocontrol bandage | | | | 1 | | 339 |
| Pinocchio helicoidal open mouth Vento | | | | 1 | | 324 |
| Autoclavable resuscitator with facemask N° 4 | | | | | 1 | 322 |
| Oxygen bottle 0.5 l empty - UNI standard | | | | | 1 | 320 |
| Guedel airways | | | | | 3 | 323 |
| Atoxic tube for oxygen | | | | | 1 | 324 |
| Mouth opener | | | | | 1 | 324 |

- **34151 GIMA 3 - FIRST AID CASE + OXYGEN CYLINDER**
**Advised for up to 50 people** Size: 32x44.5x15 cm
Meets Italian law D.M. 388 (15.7.03) art. 1 + emergency kit.
Emergency kit includes:
- autoclavable resuscitation with security valve, and silicone mask n. 4.
- oxygen bottle 0.5 l (empty) with reductor and oxygen distributor - UNI standard.
- 3 guedel airways, atoxic tube for connection to oxygen, mouth opener and wall support.
- **34148 GIMA 3 - EMPTY PLASTIC CASE**

34148

34151

# MASK FOR MOUTH-TO-MOUTH REANIMATION

34216

- **34216 LIFEKEY MASK**
Pocket mask for mouth-to-mouth reanimation.
Its special one-direction valve allows oxygen to flow straight to the patient and minimizes risks of cross-contamination Single-use, non sterile, made in atoxic transparent material, easy to use and carry. Suitable for adults and children.

**CPR MASK**

34218

- **34218 CPR MASK - pocket resuscitator**
The CPR pocket mask is a non-invasive, latex free mask with an integral non-rebreathing valve and efficient filter to prevent direct mouth contact with the patient's face when providing mouth-to-mouth resuscitation.
It can be used on adult, child and infant. Supplied in a compact plastic box with a corrugated tube for an easier use.

**34213** *Key-holder box* **34211** *Poly-bag*

- **34211 VENTO AIRWAYS - Poly-bag**
- **34213 VENTO AIRWAYS - Key-holder box**
Disposable mouth to mouth airway with a one way polycarbonate valve and non-toxic pvc protective foil to avoid any direct contact between patient and rescuer.
Available in 2 versions: in poly-bag or key-holder box.
Instructions in GB, IT, FR, DE.

# EMERGENCY

*Supplied with transport bag*

34127

*Weight: 540 g*

- **34127 EMERGENCY SCISSORS 23.5x10.8 cm**
Autoclavable Stainless steel AISI 420.
Made in Italy.

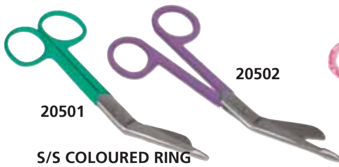
# LISTER BANDAGE S/S SCISSORS

34129
20500

STAINLESS STEEL

38530
38532

S/S TUNGSTEN CARBIDE


20502
20501

S/S COLOURED RING

20512
20513

S/S FANTASY

| LISTER BANDAGE SCISSORS | | | |
|---|---|---|---|
| GIMA code | STAINLESS STEEL | GIMA code | FANTASY - COLOURED RING |
| **34125** | Lister - 11 cm | **20501** | Lister - Green ring - 14 cm |
| **34129** | Lister - 15 cm | **20502** | Lister - Lilac ring - 14 cm |
| **34130** | Lister - 18 cm | **20509** | Lister - Foot print - 14 cm |
| **20500** | Lister with belt clip - 14 cm | **20511** | Lister - Leropard - 14 cm |
| **38530** | Lister tungsten carbide - 14 cm | **20512** | Lister - Bubble - 14 cm |
| **38532** | Lister tungsten carbide - 18 cm | **20513** | Lister - Hearts - 14 cm |

# STAINLESS STEEL UTILITY AND BANDAGES SCISSORS

20581 20582 20573 20574 20560

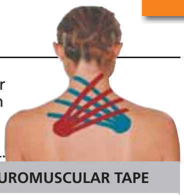
*Plastic coloured finger-contour handles for maximum comfort.*

All purpose, first aid scissors, easily cut bandages, leather and plaster casts. Autoclavable at 136°C

| UTILITY SCISSORS | | | |
|---|---|---|---|
| 12 cm - 4.7" | 16.5 cm - 6.5" | 19 cm - 7.5" | Colour |
| **20560** | **20570** | **20580** | Black |
| **-** | **20571** | **20581** | Blue |
| **-** | **20572** | **20582** | Red |
| **-** | **20573** | **20583** | Purple |
| **-** | **20574** | **20584** | Pink |
| **20590** | Steel chain for scissors and forceps | | |

20590

## LEUKOTAPE® K NEUROMUSCULAR TAPE



**NEUROMUSCULAR TAPE**
Elastic adhesive tape for neuromuscular taping. 100% cotton fabric coated with a strong acrylic adhesive mass.
Water resistant. Latex-free.
Multilanguage GB, FR, IT, ES, DE, PT, NL.

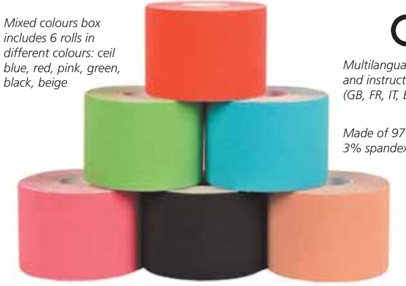
| GIMA code | BSN code | LEUKOTAPE® K NEUROMUSCULAR TAPE |
|---|---|---|
| 59010 | 72978-11 | LEUKOTAPE® K 5 m x 5 cm - skin |
| 59011 | 72978-16 | LEUKOTAPE® K 5 m x 5 cm - red |
| 59012 | 72978-21 | LEUKOTAPE® K 5 m x 5 cm - blue |
| 59013 | 72978-23 | LEUKOTAPE® K 5 m x 5 cm - black |
| 59014 | 72978-24 | LEUKOTAPE® K 5 m x 5 cm - light blue |
| 59015 | 72978-25 | LEUKOTAPE® K 5 m x 5 cm - pink |

## KINTAPE KINESIOLOGY TAPES

High quality Kinesiology tape conforms to all areas of the body. Provides firm support and compression. Ideal for treatment of muscular symptoms, stimulus to blood circulation and lymph and fascia diversion. Reduce pain improving athletic performance. Easy to tear and unwinds to the core. Individually packed in a plastic bag and cardboard box.
- soft hypoallergenic cotton cloth, elasticity up to 160%
- 70% water proof (level 3) and sweat proof
- supersticky: up to 7 days, over 10 days for kinesiology PRO

**Kinesiology PRO:** supersoft and quick drying

| GIMA code | KINESIOLOGY STANDARD TAPES - thickness 0.48 mm | Minimum order |
|---|---|---|
| 34745 | Kinesiology tape 5 m x 5 cm - black | box of 1 |
| 34746 | Kinesiology tape 5 m x 5 cm - ceil blue | box of 1 |
| 34747 | Kinesiology tape 5 m x 5 cm - red | box of 1 |
| 34749 | Kinesiology tape 5 m x 5 cm - green | box of 1 |
| 34750 | Kinesiology tape 5 m x 5 cm - pink | box of 1 |
| 34751 | Kinesiology tape 5 m x 5 cm - skin | box of 1 |
| 34752 | Kinesiology tapes 5 m x 5 cm - mix colours | box of 6 |
| | KINESIOLOGY PRO TAPES - thickness 0.32 mm | |
| 34757 | Kinesiology PRO tapes 5 m x 5 cm - skin | box of 1 |



*Mixed colours box includes 6 rolls in different colours: ceil blue, red, pink, green, black, beige*

*Multilanguage box and instructions (GB, FR, IT, ES)*

*Made of 97% cotton, 3% spandex*

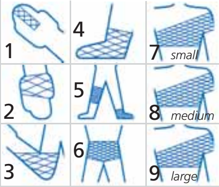
34752

## FABRIC SPORT TAPES

| GIMA code | WHITE ZINC OXIDE FABRIC TAPE NON ELASTIC ADHESIVE BANDAGE | Minimum order |
|---|---|---|
| 34753 | Tape 14 m x 2.5 cm - for finger | box of 48 |
| 34754 | Tape 14 m x 3.8 cm - for wrist | box of 30 |
| 34755 | Tape 14 m x 5 cm - for ankle | box of 24 |

## ELASTICATED TUBULAR NET

Elastic tubular net for the application of gauze and medication. Versatile, suitable for all parts of the body.
The special structure of the material allows a stretching which holds without compressing.
Made in Italy.

| GIMA code | Range | Length under tension: 25 m |
|---|---|---|
| 34701 | 1 |  |
| 34702 | 2 | |
| 34703 | 3 | |
| 34704 | 4 | |
| 34705 | 5 | |
| 34706 | 6 | |
| 34707 | 7 | |
| 34708 | 8 | |
| 34709 | 9 | |

## STRAPPAL® SPORT TAPE

**STRAPPAL® SPORT TAPE**
Inelastic adhesive bandage (tape) indicated in traumatology to limit the joint movements.
High quality fabric made of inelastic viscose fibres coated with a strong adhesive mass. Hand tearable. Latex free.
Multilanguage GB, FR, IT, ES, DE, PT, NL.

| GIMA code | BSN code | STRAPPAL® SPORT TAPE | Minimum order |
|---|---|---|---|
| 59051 | 71490-00 | STRAPPAL® 10 m x 4 cm | box of 24 |
| 59052 | 71493-00 | STRAPPAL® 10 m x 5 cm | box of 18 |

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## COMPRILAN® COMPRESSIVE BANDAGES

59153

*Multilanguage box: GB, FR, IT, ES, DE, PT, NL, SE, JP*

**COMPRILAN® COMPRESSIVE BANDAGES**
Short stretch compression bandage (90%) for phlebological and lymphological application.
100% cotton fabric (flesh colour).
Stretched length 5 m.
Washable and sterilizable.
Latex-free.

| GIMA code | BSN code | COMPRILAN® COMPRESSIVE BANDAGES | Minimum order |
|---|---|---|---|
| 59150 | 01026-00 | COMPRILAN® 5 m x 6 cm | box of 1 |
| 59151 | 01027-00 | COMPRILAN® 5 m x 8 cm | box of 1 |
| 59152 | 01028-00 | COMPRILAN® 5 m x 10 cm | box of 1 |
| 59153 | 01029-00 | COMPRILAN® 5 m x 12 cm | box of 1 |

## ELASTIC COMPRESSION BANDAGES - LIGHT TO STRONG COMPRESSION

**PREVIBIELASTICA**
- medical prescription bandage
- ideal for bandaging when support and strong, constant compression is required
- used in the treatment of varicose veins and post-operative patients
- its ability to stretch in any direction makes it ideal for bandaging joints.

**PREVIFORTE**
- medical prescription bandage
- compression bandage for phlebitis treatment
- support bandage with strong, constant compression, ideal for varicose veins, for the prevention and cure of sport and work injuries.
Suitable for distortions, light fractures and sprains.

**PREVINOVA**
- universal compression bandage
- protects and supports all types of medication
- to fix medications, support light fractures, distortions, sprains, sport and work injuries with medium compression.

**PREVIMEDICAL**
- universal compression bandage
- protects and supports all types of medication
- to fix medications, for support and relief in case of contusions and haematomas with medium-light compression.

| TECHNICAL SPECIFICATIONS | | | | | |
|---|---|---|---|---|---|
| | | PREVI BIELASTICA | PREVI FORTE | PREVI NOVA | PREVI MEDICAL |
| Composition: | Cotton | 70% | 92% | 69% | 60% |
| | polyamide | 19% | - | 25% | 33% |
| | polyurethane | 11% | 8% | 6% | 7% |
| Extensibility | longitudinal | 160% | 170% | 250% | 160% |
| | transversal | 80% | - | - | - |

| GIMA code | ELASTIC COMPRESSION BANDAGES individually packed, with clip | | Minimum order |
|---|---|---|---|
| | PREVIBIELASTICA - strong compression | | |
| 34644 | PreviBielastica | 7 m x 8 cm | box of 10 |
| 34645 | PreviBielastica | 7 m x 10 cm | box of 10 |
| | PREVIFORTE - strong compression | | |
| 34647 | PreviForte | 7 m x 8 cm | box of 10 |
| 34648 | PreviForte | 7 m x 10 cm | box of 10 |
| | PREVINOVA - medium compression | | |
| 34650 | PreviNova | 4.5 m x 6 cm | box of 10 |
| 34651 | PreviNova | 4.5 m x 8 cm | box of 10 |
| 34652 | PreviNova | 4.5 m x 10 cm | box of 10 |
| | PREVIMEDICAL - medium light compression | | |
| 34654 | PreviMedical | 5 m x 8 cm | box of 10 |
| 34655 | PreviMedical | 5 m x 10 cm | box of 10 |

## CO-PLUS® BANDAGES

**CO-PLUS® BANDAGES**
Flexible cohesive bandage.
Sticks only to itself, not on skin.
Indications: support and compression in traumatology and phlebology.
Longer than competitors (6.3 m stretched instead of 4.5 m).
Multilanguage box: GB, FR, IT, ES, DE, NL.

| GIMA code | BSN code | CO-PLUS® BANDAGES | Minimum order |
|---|---|---|---|
| 59182 | 72100-09 | CO-PLUS® 6.3 m x 7.5 cm - skin | box of 1 |
| 59183 | 72100-04 | CO-PLUS® 6.3 m x 10 cm - skin | box of 1 |
| 59186 | 72102-03 | CO-PLUS® 6.3 m x 7.5 cm - mix colours* | box of 24 |
| 59187 | 72102-02 | CO-PLUS® 6.3 m x 10 cm - mix colours* | box of 18 |

*Mix of bandages in 6 colours (blue, light blue, red, violet, neon green, neon pink)

## 3M COBAN™ ELASTIC WRAP

*Self-adherent cohesive elastic wrap*

| GIMA code | 3M code | 3M COBAN™ SELF ADHERENT COHESIVE ELASTIC WRAP - LATEX | Minimum order |
|---|---|---|---|
| 34923 | 1583 | COBAN™ 7.5 cm x 2 to 4.57 m | box of 24 |
| 34924 | 1584 | COBAN™ 10 cm x 2 to 4.57 m | box of 18 |

# ELASTOMULL® HAFT COHESIVE BANDAGES

*Multilanguage box: GB, FR, IT, ES, DE, PT, NL, SE*

**ELASTOMULL® COHESIVE BANDAGES**
Elastic retention bandage. It provides wound care splint retention and light support. Confortable non woven fabric (cotton, viscose and polyamide) coated with syntethic latex. Stretched length 4 m.

| GIMA code | BSN code | ELASTOMULL® HAFT COHESIVE BANDAGES | Minimum order |
|---|---|---|---|
| **59211** | **45471-00** | Elastomull® Haft 4 m x 6 cm | box of 10 |
| **59212** | **45472-00** | Elastomull® Haft 4 m x 8 cm | box of 10 |
| **59213** | **45473-00** | Elastomull® Haft 4 m x 10 cm | box of 10 |
| **59214** | **45474-00** | Elastomull® Haft 4 m x 12 cm | box of 10 |
| **59218** | **45477-00** | Elastomull® Haft 20 m x 8 cm | box of 1 |
| **59219** | **45478-00** | Elastomull® Haft 20 m x 10 cm | box of 1 |

# ELASTIC COHESIVE BANDAGES

- to fix dressings.
- ideal for supporting light joint fractures.
- this bandage does not require clips because perfectly adherent.

**TECHNICAL SPECIFICATIONS**
Composition: 42% cotton, 29% viscose, 29% polyamide, latex or latex free
Width: 6 - 8 - 10 - 12 cm
Length: streched length 4 m
Extensibility: approx. 50%

| GIMA code | ELASTIC COHESIVE BANDAGE | Minimum order |
|---|---|---|
| **34657** | Cohesive bandage 4 m x 6 cm | box of 10 |
| **34658** | Cohesive bandage 4 m x 8 cm | box of 10 |
| **34659** | Cohesive bandage 4 m x 10 cm | box of 10 |
| **34660** | Cohesive bandage 4 m x 12 cm | box of 10 |
| **34661** | Cohesive bandage 20 m x 6 cm | box of 1 |
| **34662** | Cohesive bandage 20 m x 8 cm | box of 1 |
| **34663** | Cohesive bandage 20 m x 10 cm | box of 1 |

| GIMA code | ELASTIC COHESIVE BANDAGE - LATEX FREE | Minimum order |
|---|---|---|
| **59201** | Cohesive bandage 4 m x 8 cm | box of 10 |
| **59202** | Cohesive bandage 4 m x 10 cm | box of 10 |
| **59206** | Cohesive bandage 20 m x 8 cm | box of 1 |
| **59207** | Cohesive bandage 20 m x 10 cm | box of 1 |

# COHESIVE BANDAGES

**ELASTIC COHESIVE BANDAGES**
Cohesive bandage with instantaneous and lasting fixation.
It adheres only to itself and not to the skin, hair or clothing.
Doesn't slip, is air-permeable, with stretchability of approx 115%.
Comfortable, well tolerated by skin, it adapts perfectly to part to be treated.
Versatile to use, easy to apply, permits free movement.
Made in Italy.

| GIMA code | COHESIVE BANDAGE | Minimum order |
|---|---|---|
| **34710** | Cohesive bandage size 4 m x 6 cm | box of 72 pcs |
| **34711** | Cohesive bandage size 4 m x 8 cm | box of 72 pcs |
| **34712** | Cohesive bandage size 4 m x 10 cm | box of 36 pcs |
| **34713** | Cohesive bandage size 4 m x 12 cm | box of 36 pcs |

# ELASTIC COLOUR COHESIVE BANDAGES - EXTENSIBILITY 90%

Cohesive bandages through microfine latex dots
- for fixing dressings
- ideal for supporting joint treating light fractures
- this bandage does not require clips because it remains well-attached to itself.

**TECHNICAL SPECIFICATIONS**
Composition: 42% cotton, 29% viscose, 28% polyamide, 1% elastan and latex
Width: 6 - 8 - 10 cm
Length: streched length 4 m
Extensibility: approx. 90%

| COHESIVE COLOUR BANDAGE | | | | | | |
|---|---|---|---|---|---|---|
| **Size** | **Green** | **Blue** | **Red** | **Yellow** | **Colours*** | **Minimum order** |
| 4 m x 6 cm | - | **34665** | **34666** | - | **34668** | box of 10 |
| 4 m x 8 cm | **34669** | **34670** | **34671** | **34672** | **34673** | box of 10 |
| 4 m x 10 cm | **34674** | **34675** | **34676** | - | **34678** | box of 10 |

**Mix 2 bandages x 5 colours (red, green, blue, yellow, white)*

*Cohesive through microfine latex dots*

# PREVITNT COHESIVE NON WOVEN ELASTIC BANDAGES

**PREVITNT NON WOVEN ELASTIC BANDAGES**
For fixing dressings.
Ideal for supporting joints, treating light fractures.
This bandage does not require clips because it remains well-attached to itself.
Particularly suitable for use on joints, for sports and veterinary use.
Composition: 85% polypropylene - 15% spandex and latex.
Extensibility: approx 100%.

| COHESIVE COLOUR NON WOVEN BANDAGE | | | | |
|---|---|---|---|---|
| **Size** | **Blue** | **Red** | **Colours*** | **Minimum order** |
| 4.5 m x 7.5 cm | **34734** | **34735** | **34736** | box of 10 |
| 4.5 m x 10 cm | **34738** | **34739** | **34740** | box of 10 |

**Mix 2 bandages x 5 colours (red, green, blue, yellow, skin)*

# TENSOPLAST® ELASTIC ADHESIVE BANDAGES

59251

**TENSOPLAST® BANDAGES**
Elastic adhesive bandage.
High quality elastic fabric, soft edges and porous adhesive mass. Yellow center line.
It provides strong support and compression in traumatology and phlebological disease.
Stretched length 4.5 m.
Multilanguage box: GB, FR, IT, ES, DE, PT, GR, NL, SE.

| GIMA code | BSN code | TENSOPLAST® BANDAGES |
|---|---|---|
| **59250** | **71545-00** | TENSOPLAST® 4.5 m x 5 cm |
| **59251** | **71546-00** | TENSOPLAST® 4.5 m x 7.5 cm |
| **59252** | **71547-00** | TENSOPLAST® 4.5 m x 10 cm |

# GAUZE BANDAGES

For fixing dressing and for absorption of exudates.
100% cotton wool.
Latex free.
Made in Europe.

| GIMA code | Threads | GAUZE BANDAGES - DISPOSABLE | Minimum order |
|---|---|---|---|
| **34840** | 20 | Gauze bandage 3.5 m x 5 cm | box of 12 |
| **34841** | 20 | Gauze bandage 3.5 m x 7 cm | box of 10 |
| **34842** | 20 | Gauze bandage 3.5 m x 10 cm | box of 6 |
| **34844** | 20 | Gauze bandage 5 m x 5 cm | box of 100 |
| **34846** | 20 | Gauze bandage 5 m x 7 cm | box of 100 |
| **34847** | 20 | Gauze bandage 5 m x 10 cm | box of 100 |

# FIXATION ELASTIC BANDAGES

For fixing dressing, for support and light compression.
Its characteristic crepe like touch enables the bandage to remain well-attached to itself.
Well-tolerated by the skin, it ensures a high level of breathing. Washable at 60°C.
Made of 99% cotton - 1% lycra.
Made in Europe.

| GIMA code | PREVICREPE S FIXATION ELASTICATED BANDAGES - 75 $g^2$ | Minimum order |
|---|---|---|
| **34725** | Previcrepe bandage 4 m x 5 cm | box of 10 |
| **34726** | Previcrepe bandage 4 m x 7 cm | box of 10 |
| **34727** | Previcrepe bandage 4 m x 10 cm | box of 10 |
| **34728** | Previcrepe bandage 4 m x 15 cm | box of 10 |

# ELASTICATED BANDAGES

Elasticated **non adhesive** bandages for containment, individually cellophane wrapped, in a box.
Non adhesive bandages are made of 65% cotton and 35% polyamide fibre.
Provided with clasp.
Made in Italy.

34720

| GIMA code | ELASTICATED BANDAGES | Minimum order |
|---|---|---|
| **34720** | Bandage size 4.5 m x 5 cm | box of 20 pcs |
| **34721** | Bandage size 4.5 m x 7 cm | box of 20 pcs |
| **34722** | Bandage size 4.5 m x 10 cm | box of 20 pcs |

# ELASTICATED ADHESIVE BANDAGES

Elasticated **adhesive** bandages for containment, individually cellophane wrapped, in a box.
Adhesive bandages are made of 99.7% cotton and 0.3% polyamide.
Made in Switzerland.

34730 34731 34732

| GIMA code | ELASTICATED ADHESIVE BANDAGES |
|---|---|
| **34730** | Adhesive bandage size 4.5 m x 6 cm |
| **34731** | Adhesive bandage size 4.5 m x 8 cm |
| **34732** | Adhesive bandage size 4.5 m x 10 cm |

# HYPOR-PLAST

**Extensible adhesive bandage**
White extensible non-woven 100% polyester bandage roll. Extremely breathable and conformable. Hypoallergenic, reliable skin friendly acrylic adhesive.
**Indications:** suitable to fix dressings and other medical devices.

| GIMA code | EXTENSIBLE ADHESIVE BANDAGE |
|---|---|
| **34863** | roll m 10 x 5 cm |
| **34864** | roll m 10 x 10 cm |
| **34865** | roll m 10 x 15 cm |

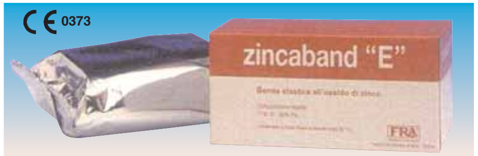
# EMOCONTROL

- **34782 EMOCONTROL**

Emocontrol is an easy, quick and effective elastic bandage for injuries and small haemorrhages.
Length 4.5 m, width 10 cm with a 10x10 cm pad and 2 clips. English and Italian instructions.
Made in Italy.

## ZINC-OINTMENT BANDAGE

CE 0373



- **34715 ZINC-OINTMENT ELASTIC BANDAGE 5 m x 10 cm**
- **34717 ZINC-OINTMENT ELASTIC BANDAGE 10 m x 10 cm**

Homogeneously soaked in zinc ointment ready for use and stretchable (in length).
Each band is packed in sealed aluminium foil bag and cardboard box.
Made in Italy.

**TEXTILE COMPOSITION**
Viscose 71% - Polyamide 29% - Soaked with zinc oxide, gelatine, glycerin, propyl-hydroxybenzoate, methyl-hydroxybenzoate, water. Elasticity: 60% (±10%)

## PREVIZINC A and E

*Previzinc "A" and "E" are bandages impregnated with zinc oxide paste indicated in the treatment of thrombophlebitis, oedema, chronic venous insufficiency and in the healing phase and follow-up care of fractures, sprains and strains.*

| GIMA code | PREVIZINC "A" INELASTIC BANDAGES | Minimum order |
|---|---|---|
| **34714** | Previzinc "A" 6 m x 8 cm | box of 10 |
| **34716** | Previzinc "A" 5 m x 10 cm | box of 10 |
| | **PREVIZINC "E" ELASTIC BANDAGES** | |
| **34718** | Previzinc "E" 6 m x 8 cm | box of 10 |
| **34719** | Previzinc "E" 5 m x 10 cm | box of 10 |

**TEXTILE COMPOSITION**
Previzinc A: 100% cotton zinc oxide paste
Previzinc E: 54% polyamide, 46% viscose zinc oxide paste

## PLATRIX® HIGH QUALITY PLASTER OF PARIS BANDAGES

**PLATRIX® PLASTER OF PARIS**
High quality plaster of Paris bandages. Economic thanks to the high strength and the minimal plaster loss.
Multilanguage box: GB, FR, IT, ES, DE, NL.

| GIMA code | BSN code | PLATRIX® PLASTER OF PARIS | Minimum order |
|---|---|---|---|
| **34686** | **71996 - 05** | Platrix® 2 m x 15 cm | box of 40 |
| **34688** | **71996 - 14** | Platrix® 3 m x 20 cm | box of 20 |
| **34691** | **71996 - 28** | Platrix® 4 m x 20 cm | box of 20 |

## P.O.P. (PLASTER OF PARIS) BANDAGES

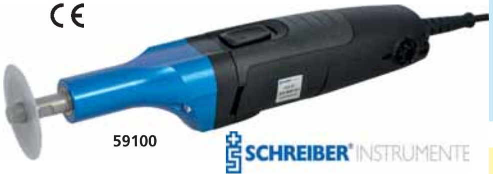
**PLASTER OF PARIS BANDAGES**
Absorbent 100% cotton gauze 170 threads/cm² complying with British Pharmacopoeia requirements.

| GIMA code | CELLONIT - PLASTER OF PARIS BANDAGE | Minimum order |
|---|---|---|
| **34692** | P.O.P. Bandage 2 m x 10 cm | box of 100 |
| **34693** | P.O.P. Bandage 2 m x 15 cm | box of 50 |
| **34694** | P.O.P. Bandage 2 m x 20 cm | box of 50 |
| **34695** | P.O.P. Bandage 2.7 m x 10 cm | box of 80 |
| **34696** | P.O.P. Bandage 2.7 m x 15 cm | box of 40 |
| **34697** | P.O.P. Bandage 2.7 m x 20 cm | box of 40 |

*Individually packed in a plastic bag and cardboard box*

## OSCILLATING PLASTER SAW

CE


**59100**

SCHREIBER INSTRUMENTE

*Made in Germany*

- **59100 SG - 600 PLASTER SAW**
- **59101 SAW BLADE Ø 50 mm**
- **59102 SAW BLADE Ø 65 mm**

German made professional plaster saw, ideal for cutting plasters and synthetic bandages. Adjustable oscillating speed.

**STANDARD ACCESSORIES**
Saw blade Ø 50 mm
Saw blade Ø 65 mm
One pair of wrenches
Locking screw
Fixation ring
User manual: GB, IT, ES
(DE on request)

**59101**

**59102**

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Voltage: | 220-240 V, 50-60 Hz |
| Power: | 250 W |
| Strokes: | 12,000 - 21,000 oscillations/min |
| Length without cord: | 340 mm |
| Weight with/without cable: | 1.3/1.7 Kg |
| Noise: | 68-82 dB |
| Cord length: | 4.5 m |
| IP code: | IP2X |

## COTTON GAUZE SWABS

CE 0373

**34772**

**34790-1-2**

| GIMA code | Plies | Threads | GAUZES - NON STERILE | Minimum order |
|---|---|---|---|---|
| **34770** | 16 | 20 | Cotton gauze swab 5x5 cm | pack of 100 |
| **34771** | 16 | 20 | Cotton gauze swab 7.5x7.5 cm | pack of 100 |
| **34772** | 16 | 20 | Cotton gauze swab 10x10 cm | pack of 100 |
| **34773** | 12 | 20 | Cotton gauze swab 10x20 cm | pack of 150 |
| **34790** | | 20 | Cotton gauze pad 10x10 cm - 1 kg | 1 pack |
| **34791** | | 20 | Cotton gauze pad 20x20 cm - 1 kg | 1 pack |
| **34792** | | 20 | Cotton gauze pad 30x30 cm - 1 kg | 1 pack |

## GAUZE SWABS: COTTON, NON-WOVEN

Gauze swabs pure cotton, 20 threads, yarn 40/40, folded and hemmed without X-ray thread, non-sterile.
Non woven swabs, 30% polyester, 70% viscose 30 g/m² folded and hemmed without X-ray thread.
Carton of 10 packs of 100.

| Cotton | Plies | Non Woven | Plies | GAUZE SWABS NON STERILE | Minimum order |
|---|---|---|---|---|---|
| **35005** | 16 | **35010** | 4 | Size 5x5 cm | box of 1,000 (10 packs of 100) |
| **35006** | 12 | **35011** | 4 | Size 7.5x7.5 cm | box of 1,000 (10 packs of 100) |
| **35007** | 16 | **35012** | 4 | Size 10x10 cm | box of 1,000 (10 packs of 100) |

## COTTON GAUZE SWABS - STERILE

CE 0476

**34764** **34763**

**34762** **34761** **34760**

| GIMA code | Threads | COTTON GAUZE SWABS - STERILE Made in Italy | Minimum order |
|---|---|---|---|
| **34760** | 12/8 | Size 10x10 cm | carton of 150 bags of 25 pcs |
| **34761** | 12/8 | Size 15x15 cm | carton of 100 bags of 25 pcs |
| **34762** | 12/8 | Size 20x20 cm | carton of 100 bags of 25 pcs |
| **34763** | 12/8 | Size 18x40 cm | carton of 50 box of 12 pcs |
| **34764** | 12/8 | Size 36x40 cm | carton of 50 box of 12 pcs |

## NON WOVEN GAUZE SWABS - STERILE

CE 0476

**35025**

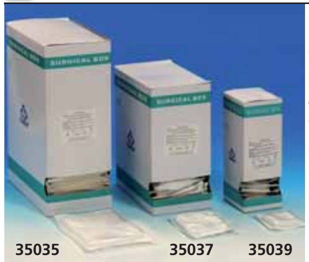
**35028** **35029**

| GIMA code | NON WOVEN GAUZE SWABS - STERILE Made in Italy | Minimum order |
|---|---|---|
| **35025** | Size 10x10 cm | carton of 100 bags of 25 pcs |
| **35028** | Size 18x40 cm | carton of 30 box of 12 pcs |
| **35029** | Size 36x40 cm | carton of 30 box of 12 pcs |

## COTTON GAUZE SWABS - STERILE

100% cotton gauze, 17 threads / 59 cm², according to European Pharmacopoeia and EN 14079. Each dispenser contains sterile packs of 5 gauze swabs.

CE 0373


**35035** **35037** **35039**

**35038**

| GIMA code | Plies | Threads | GAUZE SWABS - STERILE | Minimum order |
|---|---|---|---|---|
| **35035** | 12 | 17 | 5x5 cm | dispenser of 350 (70 packs of 5 swabs) |
| **35036** | 12 | 17 | 5x5 cm - X-ray | dispenser of 350 (70 packs of 5 swabs) |
| **35037** | 12 | 17 | 7.5x7.5 cm | dispenser of 250 (50 packs of 5 swabs) |
| **35038** | 12 | 17 | 7.5x7.5 cm - X-ray | dispenser of 250 (50 packs of 5 swabs) |
| **35039** | 12 | 17 | 10x10 cm | dispenser of 150 (30 packs of 5 swabs) |
| **35040** | 12 | 17 | 10x10 cm - X-ray | dispenser of 150 (30 packs of 5 swabs) |

## COTTON GAUZE BALLS - STERILE

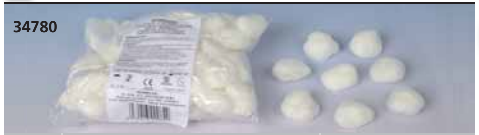
CE 0373

100% cotton gauze, 20 threads / 59 cm² according to European Pharmacopoeia and EN 14079.
Each dispenser contains sterile packs of 5 gauze balls.

*Pack of 5*

| GIMA code | Threads | GAUZE BALLS - STERILE | Minimum order |
|---|---|---|---|
| **35045** | 20 | Gauze balls Ø 30 mm | dispenser of 250 (50 pack of 5) |
| **35046** | 20 | Gauze balls Ø 40 mm | dispenser of 200 (40 pack of 5) |
| **35047** | 20 | Gauze balls Ø 50 mm | dispenser of 300 (60 pack of 5) |

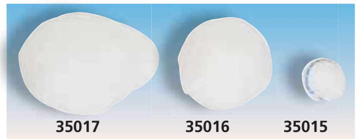
## COTTON GAUZE BALLS


**34780**

| GIMA code | COTTON GAUZE BALLS | Minimum order |
|---|---|---|
| **34780** | Cotton gauze balls Ø 30 mm | 100 pcs. (1 bag of 100) |
| **34781** | Cotton gauze balls Ø 50 mm | 100 pcs. (1 bag of 100) |

## COTTON GAUZE BALLS

Pure hydrophilic cotton gauze balls 20 threads, yarn 40/40, without X-ray thread, non sterile package. Carton of 10 bags of 100 balls.


**35017** **35016** **35015**

| Cotton | Non Woven | GAUZE ROUND BALLS | Open size | Minimum order |
|---|---|---|---|---|
| **35015** | **35020** | Gauze ball Ø 15 mm | 11x11 cm | 1,000 pcs (10 bags of 100) |
| **35016** | **35021** | Gauze ball Ø 25 mm | 12x15 cm | 1,000 pcs (10 bags of 100) |
| **35017** | **35022** | Gauze ball Ø 50 mm | 30x40 cm | 1,000 pcs (10 bags of 100) |

## GAUZE LAPAROTOMIC SPONGE

100% cotton gauze according to the European Pharmacopoeia and EN 14079, non sterile.
X-ray detectable apx 60% Barium Sulphate.

| GIMA code | Plies | Threads | LAPAROTOMIC SPONGE GAUZE | Minimum order |
|---|---|---|---|---|
| **34775** | 4 | 17 | Size 20x20 cm | box of 100 |
| **34776** | 4 | 17 | Size 30x30 cm | box of 100 |
| **34777** | 4 | 17 | Size 40x40 cm | box of 100 |
| **34778** | 4 | 17 | Size 50x50 cm | box of 100 |

## 100% COTTON WOOL

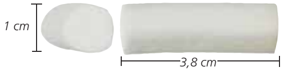
| GIMA code | COTTON WOOL |
|---|---|
| **34837** | Cotton wool 100 g - box of 50 packs |
| **34832** | Cotton wool 250 g - box of 20 packs |
| **34838** | Cotton wool 1000 g - box of 10 packs |

## DENTAL COTTON ROLLS

- **35000 COTTON ROLLS 1x3.8 cm**

100% cotton interior, soft, pliable, non-linting, non-irritating, highly absorbent up to 6 times their weight. Will not adhere to mucous membranes, maintains shape better when wet, non sterile.
Minimum order: carton of 10 boxes of 1,000 pcs.

35000



## STERILE ABSORBENT PADS

*Multilanguage box: GB, FR, IT, ES, PT, DE, NL, SE*

Ideal for situations where a great capacity of absorption is needed, such as blendings and chronic wounds. Made of cellulose pulp, white and blue polypropilene and tissue paper.

| GIMA code | STERILE ABSORBENT PADS | Minimum order |
|---|---|---|
| **59402** | 10x10 cm | box of 60 |
| **59403** | 10x20 cm | box of 30 |
| **59404** | 20x20 cm | box of 30 |
| **59405** | 20x40 cm | box of 25 |

## 100% COTTON GAUZE ROLLS

**GAUZE ROLLS**
100% cotton gauze rolls with 20 threads sq cm according to European Pharmacopoeia and EN 14079. X-Ray detectable thread (approx. 60% barium sulphat) 80 cm width, folded 8 to 10 cm ply. Multilanguage box: GB, FR, IT, ES, PT, DE, NL, SE.

| GIMA code | GAUZE ROLLS | | Plies | Threads sq cm |
|---|---|---|---|---|
| | Extended width | Folded width | | |
| **59410** | 80 cm x 1 m | 10 cm x 1 m | 8 | 20 |
| **59411** | 80 cm x 2 m | 10 cm x 2 m | 8 | 20 |
| **59412** | 80 cm x 10 m | 10 cm x 10 m | 8 | 20 |

## 100% COTTON RIBBON GAUZE

- *Latex and PVC free*
- *Absorption of fluids inside cavities*
- *Wound care during surgery*

*Multilanguage box: GB, FR, IT, ES, PT, DE, NL, SE*

| GIMA code | GIMA code | 100% COTTON RIBBON GAUZE weight 33 g/sq. m | Minimum order |
|---|---|---|---|
| - | X-Ray* | 22 threads/sq. m | |
| **59420** | **59430** | 5 m x 1.25 cm | box of 24 |
| **59421** | **59431** | 5 m x 2.5 cm | box of 12 |
| **59422** | **59432** | 5 m x 5 cm | box of 12 |
| **59423** | **59433** | 5 m x 7.5 cm | box of 8 |
| **59424** | **59434** | 5 m x 10 cm | box of 6 |
| **59440** | - | 5 m x 1.25 cm - sterile | box of 60 |
| **59441** | - | 5 m x 2.5 cm - sterile | box of 30 |
| **59442** | - | 5 m x 5 cm - sterile | box of 26 |

**X-Ray: approx. 60% barium sulphat contents*

## 3M RESTON™ FOAM PAD

34920

34922

Self-adhering open cell foam designed to protect skin from splints, casts and prostheses.
Not intended to be used as a pressure reducing device.
It can also be used as a padding for beds and chairs.
Can be cut, layered and shaped.

| GIMA code | 3M code | 3M RESTON™ FOAM PAD | Minimum order |
|---|---|---|---|
| **34920** | **1560** | RESTON™ 30x20x1.1 cm | box of 10 |
| **34921** | **1561** | RESTON™ 30x20x2.5 cm | box of 5 |
| **34922** | **1563** | RESTON™ ROLL 10cmx5mx4mm | 1 roll |

## ADHESIVE DRESSING

Soft transpirant non woven fabric coated with hypoallergenic adhesive polyacrylate
34862
34860
X-ray transparent
34861
Central absorbent, non adherent pad in folded non woven fabric
CE 0476

| GIMA code | STERILE - NON WOVEN ADHESIVE WOUND DRESSING HYPOALLERGENIC | Minimum order |
|---|---|---|
| **34860** | Sterile adhesive dressing 5x7 cm | box of 100 pcs |
| **34861** | Sterile adhesive dressing 8x10 cm | box of 50 pcs |
| **34862** | Sterile adhesive dressing 8x15 cm | box of 50 pcs |

## STERILE ADHESIVE DRESSINGS

34848

34845

- **34848 OCULAR ADHESIVE DRESSING**

Sterile, extremely absorbent ocular dressing on hypoallergenic permeable adhesive backing.
Suitable for a safe and comfortable eye medication.
Size 6.5x9.5 cm - box of 10 pcs

- **34845 STERILE ADHESIVE DEVICE for cannula fixation**

Size 8x5.8 cm - box of 50 pcs

## ADHESIVE DRESSINGS

34856

| GIMA code | STERILE HYPOALLERGENIC ADHESIVE DRESSING WITH CENTRAL NON-WOUND-STICKING ABSORBANT PAD | Minimum order |
|---|---|---|
| **34850** | Sterile adh. dressing 7.2x5 cm | box of 8 pcs |
| **34851** | Sterile adh. dressing 10x10 cm | box of 6 pcs |
| **34852** | Sterile adh. dressing 10x15 cm | box of 4 pcs |
| **34853** | Sterile adh. dressing 10x8 cm | box of 50 pcs |
| **34854** | Sterile adh. dressing 10x15 cm | box of 50 pcs |
| **GIMA code** | **HYPOALLERGENIC EXTENSIBLE NON WOVEN ADHESIVE DRESSING TO BE CUT, WITH HIGHLY ABSORBENT CENTRAL WOUND PAD** | **Minimum order** |
| **34855** | Size 1 m x 6 cm | 1 roll |
| **34856** | Size 5 m x 6 cm<br>Recommended for sensitive skin | 1 roll |

## BWT ADHESIVE DRESSING

WATER PROOF
BWT material: transpiring, waterproof, thin
Round corners avoid dressing from coming off easily
Polyurethane film acts as an antibacterial barrier
HYPO DRESS BWT
50 STERILE ADHESIVE DRESSINGS
BREATHABLE • WATERPROOF • THIN
15 x 10 cm
CE 0546
34859
34858

| GIMA code | STERILE HYPOALLERGENIC ADHESIVE DRESSING WITH CENTRAL NON-WOUND-STICKING ABSORBANT PAD |
|---|---|
| **34857** | Sterile adh. BWT dressing 8x6 cm - box of 50 pcs |
| **34858** | Sterile adh. BWT dressing 10x10 cm - box of 50 pcs |
| **34859** | Sterile adh. BWT dressing 10x15 cm - box of 50 pcs |

## SILK PLASTER ROLL

- **34787 SILK PLASTER ROLL 10 m x 2.5 cm - box of 12**
- **34788 SILK PLASTER ROLL 10 m x 5 cm - box of 6**

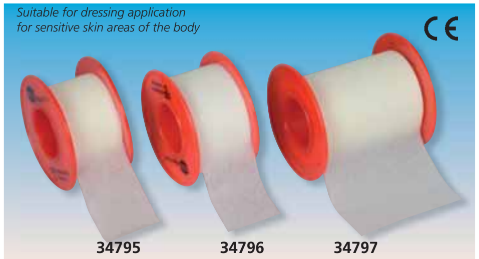
Silk surgical tape, white colour.

## PLASTER ROLLS

Each roll is supplied with a plastic roll cover except code 34798

| PLASTER ROLLS - MADE IN ITALY | | | |
|---|---|---|---|
| **Skintone fabric** | **Hypoallergenic Non woven** | **Size** | **Minimum order** |
| **34803** | **34804** | 5 m x 2.5 cm | box of 12 rolls |
| - | **34798** | 9.14 m x 2.5 cm | box of 12 rolls |
| **34806** | **34807** | 5 m x 5 cm | box of 6 rolls |
| **34799** | Shop Display: for showing up to 88 boxes (32 x 25 xh 63 mm) | | |

## NON WOVEN PAPER TAPE ROLL


Suitable for dressing application for sensitive skin areas of the body
CE
34795
34796
34797

| GIMA code | NON WOVEN PAPER TAPE ROLL HYPOALLERGENIC ADHESIVE | Minimum order |
|---|---|---|
| **34795** | Tape roll h 25 mm x 5 m | box of 12 pcs |
| **34796** | Tape roll h 25 mm x 9.14 m | box of 12 pcs |
| **34797** | Tape roll h 50 mm x 9.14 m | box of 6 pcs |

## 3M TAPES: MICROPORE™, MEDIPORE™, DURAPORE™, TRANSPORE™

34904

A latex-free, hypoallergenic paper tape that is gentle to the skin and doesn't leave adhesive upon removal. Highly breathable and economical.
Can be used on wet skin.

| GIMA code | 3M code | 3M MICROPORE™ PAPER TAPES | Minimum order |
|---|---|---|---|
| 34904 | 1530-0 | MICROPORE™ - h 12.5 mm x 9.14 m | box of 24 rolls |
| 34905 | 1530-1 | MICROPORE™ - h 25 mm x 9.14 m | box of 12 rolls |
| 34906 | 1530-2 | MICROPORE™ - h 51 mm x 9.14 m | box of 6 rolls |
| 34907 | 1530-3 | MICROPORE™ - h 76 mm x 9.14 m | box of 4 rolls |

34937

Latex-free, hypoallergenic soft cloth tape. Gentle, breathable and easy-tear. Excellent cross and diagonal stretch to accomodate swelling and body movements

Available also with unique non-adherent pad.

| GIMA code | 3M code | 3M MEDIPORE™ SOFT CLOTH TAPES and 3M MEDIPORE™ + PAD | Minimum order |
|---|---|---|---|
| 34930 | 2991-1 | MEDIPORE™ - h 50 mm x 10 m | box of 1 roll |
| 34931 | 2991-2 | MEDIPORE™ - h 100 mm x 10 m | box of 1 roll |
| 34932 | 2991-3 | MEDIPORE™ - h 150 mm x 10 m | box of 1 roll |
| 34933 | 2991-4 | MEDIPORE™ - h 200 mm x 10 m | box of 1 roll |
| 34936 | 3562E | MEDIPORE™ + PAD - 5x7 cm | box of 25 pcs |
| 34937 | 3566E | MEDIPORE™ + PAD - 10x10 cm | box of 25 pcs |
| 34938 | 3569E | MEDIPORE™ + PAD - 10x15 cm | box of 25 pcs |
| 34939 | 3570E | MEDIPORE™ + PAD - 10x20 cm | box of 25 pcs |

34925

A silk tape with a latex-free, hypoallergenic adhesive that offers high strength and adhesion to skin.

| GIMA code | 3M code | 3M DURAPORE™ SILK TAPES | Minimum order |
|---|---|---|---|
| 34925 | 1538-1 | DURAPORE™ - h 25 mm x 9.14 m | box of 12 rolls |
| 34926 | 1538-2 | DURAPORE™ - h 51 mm x 9.14 m | box of 6 rolls |

34942

Latex-free, hypoallergenic, transparent and perforated plastic tape that offers strong adhesion. Elastic and water-resistant.

| GIMA code | 3M code | 3M TRANSPORE™ PLASTIC TAPES | Minimum order |
|---|---|---|---|
| 34941 | 1527-1 | TRANSPORE™ - h 25 mm x 9.14 m | box of 12 rolls |
| 34942 | 1527-2 | TRANSPORE™ - h 51 mm x 9.14 m | box of 6 rolls |

## BSN TAPES: LEUKOPOR®, LEUKOPLAST®, HYPAFIX®

The gentle tape for highly sensitive skin. For the fixation of dressings of all types and sizes. Non woven fabric and skin friendly adhesive mass.

| GIMA code | BSN code | LEUKOPOR® | Minimum order |
|---|---|---|---|
| 59501 | 02454-00 | LEUKOPOR® 25 mm x 9.2 m | box of 12 rolls |
| 59502 | 02455-00 | LEUKOPOR® 50 mm x 9.2 m | box of 6 rolls |

Highly adhesive tape for normal skin indicated when a strong adhesion is needed. Viscose fabric coated with a traditional adhesive mass (natural rubber).

| GIMA code | BSN code | LEUKOPLAST® | Minimum order |
|---|---|---|---|
| 59504 | 01532-00 | LEUKOPLAST® 25 mm x 5 m | box of 12 rolls |
| 59505 | 01534-00 | LEUKOPLAST® 50 mm x 5 m | box of 6 rolls |

Pad not included

Non woven dressing retention sheet for the retention of dressings especially on highly contoured and frequently moved parts of the body. Conformable non woven fabric coated with a poliacrylic adhesive mass

| GIMA code | BSN code | HYPAFIX® | Minimum order |
|---|---|---|---|
| 59510 | 71443-01 | HYPAFIX® 50 mm x 10 m | box of 1 |
| 59511 | 71443-02 | HYPAFIX® 100 mm x 10 m | box of 1 |
| 59512 | 71443-03 | HYPAFIX® 150 mm x 10 m | box of 1 |
| 59513 | 71443-04 | HYPAFIX® 200 mm x 10 m | box of 1 |

## 3M STERI-STRIP™ - SKIN CLOSURE STRIPS

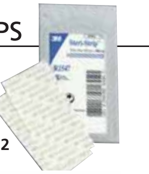
Adhesive skin closures made of non-woven backing coated with a pressure-sensitive hypoallergenic adhesive.
Sterile, breathable and comfortable to wear.

34911

*REINFORCED STERI-STRIP™*
*With polyester reinforcing filaments for higher tensile strength, reduced infection and scarring risk and better cosmetic outcomes.*

34910

34912


34912

34912

34990

*ELASTIC STERI-STRIP™*
*Stretches with body movement or edema. Mostly suited for special applications (e.g. joints) or plastic surgery. Skin tone.*

| GIMA code | 3M code | 3M REINFORCED STERI-STRIP™ - sterile - skin closure | Minimum order |
|---|---|---|---|
| 34909 | R1540 | STERI-STRIP™ - 3x75 mm | 50 bags of 5 strips |
| 34910 | R1541 | STERI-STRIP™ - 6x75 mm | 50 bags of 3 strips |
| 34908 | R1542 | STERI-STRIP™ - 6x38 mm | 50 bags of 6 strips |
| 34911 | R1546 | STERI-STRIP™ - 6x100 mm | 50 bags of 10 strips |
| 34913 | R1549 | STERI-STRIP™ - 12x50 mm | 50 bags of 6 strips |
| 34912 | R1547 | STERI-STRIP™ - 12x100 mm | 50 bags of 6 strips |
| 34914 | R1548 | STERI-STRIP™ - 25x125 mm | 25 bags of 4 strips |

| GIMA code | 3M code | 3M ELASTIC STERI-STRIP™ - sterile | Minimum order |
|---|---|---|---|
| 34987 | E4540 | STERI-STRIP™ - 3x75 mm | 50 bags of 5 strips |
| 34988 | E4541 | STERI-STRIP™ - 6x75 mm | 50 bags of 3 strips |
| 34989 | E4542 | STERI-STRIP™ - 6x38 mm | 50 bags of 6 strips |
| 34990 | E4546 | STERI-STRIP™ - 6x100 mm | 50 bags of 10 strips |
| 34991 | E4549 | STERI-STRIP™ - 12x50 mm | 50 bags of 6 strips |
| 34992 | E4547 | STERI-STRIP™ - 12x100 mm | 50 bags of 6 strips |
| 34993 | E4548 | STERI-STRIP™ - 25x125 mm | 25 bags of 4 strips |

## SUTURE STRIPS

- **34997 STERILE SUTURE STRIPS - box of 8**

Sterile adhesive strips for cut and wound suture.
Cut to measure.
Dermatologically tested.
It contains 5 small strips (3x75 mm) and 3 medium strips (6.4x80 mm).
Multilanguage box: GB, FR, IT, ES, DE.

34997

## SOOTHING PATCH

- **34830 PREVIDOL SOOTHING PATCH 9x14 cm - pouch of 5**

Previdol is a Medical Device patch adjuvant in the treatment of pains in the joints and the muscular-skeletal system. It acts on the affected part, keeping the skin protected and helping to give relief in presence of pain. To improve the cutaneous tolerability of the patch, some plant extracts like Arnica Montana, Devil's Claw and Boswellia were inserted, as well as some essential oils of Mint and Menthol to give a pleasant fragrance. Box: GB, IT.

## 3M SKIN CARE SOLUTIONS - CAVILON™

A complete range of barrier products to protect the skin from body fluids and friction. Cavilon™ products create on the skin a highly breathable, long lasting transparent coating to prevent maceration and trauma. Alcohol-free, hypoallergenic and non irritating, can be used on broken skin and under any tapes and dressing.

| GIMA code | 3M code | 3M CAVILON™ | Minimum order |
|---|---|---|---|
| 34974 | 3346E | Cavilon™ no sting barrier film - spray 28 ml | box of 12 |
| 34973 | 3346P | Cavilon™ no sting barrier film - spray 28 ml | box of 1 |
| 34975 | 3392G | Cavilon™ durable barrier cream 92 g | 1 dispenser |
| 34976 | 9274 | Cavilon™ continence care wipes | 12 boxes of 8 |

*3M CAVILON™ NO STING BARRIER FILM*
*Up to 72 hours of protection for peri-wound and peri-ostomy skin.*

34974

*3M CAVILON™ DURABLE BARRIER CREAM*
*Zinc-oxide free barrier cream for continence care. Apply twice a day.*

*3M CAVILON™ CONTINENCE CARE WIPES*
*«All in 1» wipes for cleansing, moisturizing and protecting the skin.*

34976

34975

## ADHESIVE PLASTERS AND SPRAY

34817

34814

34809

SPRAY

34823

| GIMA code | HYPOALLERGENIC ADHESIVE PLASTERS | Minimum order |
|---|---|---|
| 34809 | Water resistant - 19x72 mm | 2,000 (100 boxes of 20) |
| 34814 | Water resistant - 4 mixed sizes | 2,000 (100 boxes of 20) |
| 34817 | Sensitive skin - 5 mixed sizes | 3,200 (80 boxes of 40) |
| 34823 | Spray plaster - bottle of 30 ml | box of 12 |

## PLASTER DISPENSER

Made in Italy
34826
34828
Size 230x120x38 mm

- **34826 PLASTER DISPENSER - with 2 refills (one each type)**
- **34827 REFILL 42 TEXTILE PLASTERS 19x72 mm - box of 6**
- **34828 REFILL 38 TEXTILE PLASTERS 25x72 mm - box of 6**

Dispenser for adhesive plasters ready for use. It allows operator to extract plaster with one hand and apply directly on the wound. Transparent cover protects plaster and shows residual quantities. Lockable and with fixing wall kit included.

## 3M TEGADERM™ DRESSINGS

**TEGADERM™**
*Transparent, sterile waterproof dressing. Highly breathable.*
*Frame style for easy application also available in non-sterile roll.*

| GIMA code | 3M code | 3M TEGADERM™ FILM | Minimum order |
|---|---|---|---|
| **34900** | **1624W** | TEGADERM™ - 6x7 cm - sterile | box of 100 pcs. |
| **34901** | **1626W** | TEGADERM™ - 10x12 cm - sterile | box of 50 pcs. |
| **34902** | **1627** | TEGADERM™ - 10x25 cm - sterile | box of 20 pcs. |
| **34903** | **1628** | TEGADERM™ - 15x20 cm - sterile | box of 10 pcs. |
| **34899** | **16004** | TEGADERM™ - 10 cmx10 m non sterile | 1 roll |

**TEGADERM™ + PAD**
*Transparent, sterile waterproof dressing. Highly breathable.*
*Frame style for easy application. With a non-adherent absorbent PAD.*
*Ideal for surgical wounds.*

| GIMA code | 3M code | 3M TEGADERM™ PAD | Minimum order |
|---|---|---|---|
| **34895** | **3582** | TEGADERM™ + PAD 5x7.2 cm - sterile | box of 50 pcs. |
| **34896** | **3586** | TEGADERM™ + PAD 9x10 cm - sterile | box of 25 pcs. |
| **34897** | **3589** | TEGADERM™ + PAD 9x15 cm - sterile | box of 25 pcs. |
| **34898** | **3591** | TEGADERM™ + PAD 9x25 cm - sterile | box of 25 pcs. |

## 3M VASCULAR ACCESS SOLUTIONS - TEGADERM™ IV

A complete range of sterile, waterproof, highly-breathable trasparent film dressings to protect IV sites from water, virus and bacteria. With antifriction backing and reinforced non-woven borders for longer wearing time and minimized catheter dislodgement risk.

**TEGADERM™ IV**
*A cost-effective solution for peripheral and central vascular lines with strong hold and gentle removal.*

| GIMA code | 3M code | 3M TEGADERM™ IV - STERILE | Minimum order |
|---|---|---|---|
| **34945** | **1633** | 7x8.5 cm - for peripheral lines | box of 100 |
| **34946** | **1635** | 8.5x10.5 cm - for central lines | box of 50 |

**TEGADERM™ IV ADVANCED**
*A reinforced, 100% waterproof, advanced solution for better securement and longer wearing time.*

| GIMA code | 3M code | 3M TEGADERM™ IV ADVANCED - STERILE | Minimum order |
|---|---|---|---|
| **34947** | **1683** | 6.5x7 cm for peripheral lines | box of 100 |
| **34948** | **1685** | 8.5x11.5 cm for central lines | box of 50 |

## 3M SOLUTIONS FOR CHRONIC WOUNDS

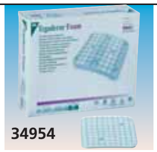
**TEGADERM™ HYDROCOLLOID**
*Sterile hydrocolloid dressing for low to moderate draining wounds.*
*Also available in sacral shape with highly breathable waterproof border.*

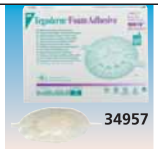
| GIMA code | 3M code | 3M TEGADERM™ HYDROCOLLOID | Minimum order |
|---|---|---|---|
| **34968** | **90002** | HYDROCOLLOID™ 10x10 cm square | box of 5 |
| **34969** | **90007** | HYDROCOLLOID™ 16x17 cm sacral | box of 6 |

**TEGADERM™ ALGINATE**
*High integrity, gel forming alginate dressing for moderate to heavily exuding wounds. Compact and confortable.*

**TEGADERM™ ALGINATE AG**
*Antimicrobial, highly absorbent wound dressing with calcium alginate, carboxymethyl cellulose and ionic silver complex. To prevent and treat wound infections.*

| GIMA code | 3M code | 3M TEGADERM™ ALGINATE and ALGINATE AG | Minimum order |
|---|---|---|---|
| **34964** | **90112** | TEGADERM™ ALGINATE - 10x10 cm | box of 10 |
| **34965** | **90312** | TEGADERM™ ALGINATE AG -10x10 cm | box of 10 |





**TEGADERM™ HIGH PERFORMANCE FOAM**
*Sterile, multi-layer foam dressing that combines high absorbency with high breathability to reduce the risk of wound maceration. Well suited for changing levels of exudate to maintain moisture balance for optimal wound healing. Highly breathable and waterproof, also available in heel/elbow shape with adhesive border and simplified application system*

| GIMA code | 3M code | 3M TEGADERM™ FOAM - non adhesive or adhesive dressing | Minimum order |
|---|---|---|---|
| **34954** | **90601** | TEGADERM™ FOAM - 10x10 cm | box of 10 |
| **34955** | **90604** | TEGADERM™ FOAM - 9x9 cm for tracheostomy | box of 10 |
| **34957** | **90619** | TEGADERM™ FOAM ADHESIVE for heel and elbow - 14x14 cm | box of 5 |

**TEGADERM™ HYDROGEL**
*Preservative-free hydrogel wound filler, easy to apply. Formulated to help provide a moist wound healing environment.*
*Single use tube.*

| GIMA code | 3M code | 3M TEGADERM™ HYDROGEL | Minimum order |
|---|---|---|---|
| **34972** | **91110** | TEGADERM™ HYDROGEL 15 g | box of 10 |

## BURNFREE® - BURN CARE PRODUCTS

A complete range of burn care products with superior benefits:
- dissipates heat on contact
- cools the burn site, relieves pain, calms the burn victim, helps stop the burn process
- covers the burn, helps to prevent contamination
- accommodates swelling or the need to flex joints thanks to elastic texture

**Sterile burn and wounds dressings**
Made of a soft open-cell, non-adherent, inert foam, saturated with Burnfree® gel, does not leave residues imbedded in the wound.

**Pain relieving gel**
Ideal for all minor burns (including sunburns), cuts and abrasions, available in bottle or single use dose 3.5 g.
Without lidocaine, which makes it suitable for children.

| GIMA code | BURNFREE® PRODUCTS |
|---|---|
| **34869** | Burn Dressing - 5x5 cm - box of 120 pcs |
| **34870** | Burn Dressing - 5x15 cm - box of 10 pcs |
| **34871** | Burn Dressing - 10x10 cm - box of 10 pcs |
| **34872** | Burn Dressing - 20x20 cm - box of 5 pcs |
| **34873** | Burn Dressing - 30x30 cm - box of 20 pcs |
| **34875** | Pain Relieving Gel - bottle 120 ml |
| **34883** | Pain Relieving Gel - 3.5 g sachets - box of 20 pcs |
| **34882** | Pain Relieving Gel - 3.5 g sachets - box of 1,000 pcs |
| **34878** | Burn Kit (2 sterile dressing 5x15 cm and 2 10x10 cm, 1 gel bottle 120 ml, 20 gel sachets 3.5g and 2 rollers gauzes) |

## HYPOTHERMIC BLANKET

- **34086 HYPOTHERMIC BLANKET**

Reflects and retains over 80% of radiated body heat to keep a person warm and protected even at subzero temperature. Waterproof, reusable, wind proof, lightweight.

*Made of polypropylene Fralom fibre coupled to a metallized polyethylene fibre.*

*Size 200x150 cm*

*Blanket colour may change in the time*

## ISOTHERMIC COVER

- **34085 EMERGENCY COVER**

Suitable for protection against cold and heat. Silver side in keeps the warmth of the body, gold side out reflects sunbeams.

*Size: 160x210 cm.*
*Weight: 67 g*

*Radio transparent*

## BURNFREE® - FIRE BLANKET

*Bags with strap for easy transport (34880-1 only)*

*Supplied with bag*

**BURNFREE FIRE/TRAUMA BLANKETS**
Provides physical protection from heat, fire and smoke. Cools and soothes burn area. Fire resistant, are a protective shield for a person trapped by fire.

| GIMA code | Blanket Size | Weight |
|---|---|---|
| **34879** | 91x76 cm | 2.3 kg |
| **34880** | 183x152 cm | 6.9 kg - 15 lbs |
| **34881** | 244x152 cm | 10.9 kg |

## FIRE RETARDANT BLANKET

- **34087 FIRE RETARDANT BLANKET**

Made in glass fibre. Can be used to extinguish small fires.
Size: 150x180 cm

## INSTANT ICE: SPRAY OR BAG IN TNT OR PE

- **34110 INSTANT ICE - TNT 14x18 cm bag (non woven fabric)**
- **34111 INSTANT ICE - PE 14x18 cm bag (polyethylene)**

**minimum order: pack of 25 bags.**

Icy-pack "instant ice" is recommended for cryotherapy. Excellent in case of traumas to soothe the pain and to prevent haematomas, swellings, etc.

**Easy and quick to use anywhere and anytime.**
Press the bag to break the inner bubble and shake to mix contents. The blend you obtain drops temperature of the pack down. Activates at -6°C, reaches 0°C in 30 minutes (at environment temperature of 20 °C).

- **34112 SPRAY INSTANT ICE - bottle 400 ml**

Ecological, useful for small bruises, haematomas or trauma, in first aid or sport applications. Spray on the injured area at 20 cm distance. (see the reference temperature chart).
Content: Ammonium nitrate + water.

# ANTIBACTERIAL HAND CLEANING GEL

**ANTIBACTERIAL HAND CLEANING GEL**

Antibacterial hand cleaning gel, cleans the hands and prevents the settlement of bacteria.

It is effective against bacteria, virus, fungi.

No need of water. Gima range includes 4 sizes and 4 different flavours (neutral transparent, apple, strawberry, lemon).

| GIMA code | ANTIBACTERIAL HAND CLEANING GEL | minimum order |
|---|---|---|
| **36580** | Antibacterial gel 85 ml tube - transparent | box of 48 |
| **36581** | Antibacterial gel 85 ml tube - green - apple | box of 48 |
| **36582** | Antibacterial gel 85 ml tube - red - strawberry | box of 48 |
| **36583** | Antibacterial gel 85 ml tube - yellow - lemon | box of 48 |
| **36590** | Antibacterial gel 500 ml bottle* - transparent | box of 15 |
| **36591** | Antibacterial gel 500 ml bottle* - yellow - lemon | box of 15 |
| **36595** | Antibacterial gel 1 l bottle* - transparent | box of 12 |
| **36597** | Antibacterial gel 5 l bag - transparent | box of 4 |
| **33283** | Dispenser pump for 36597 | 1 |

**Each bottle includes dispenser pump*

# MULTIUSI GEL

- **36646 MULTIUSI GEL - 50 ml - box of 24 tubes**
- **36647 MULTIUSI GEL - 75 ml - box of 24 tubes**
- **36645 MULTIUSI GEL - 65 ml - spray - box of 36 pcs.**
- **36642 MULTIUSI GEL - 150 ml - box of 24 pcs.**
- **36644 MULTIUSI GEL - 1000 ml***
- **36692 DISPENSER PUMP - for 36644**

Cleanser hygienic for hands without water. Ready-to-use product, which contains 62% ethyl alcohol for a rapid and effective hands disinfection. It has been studied to sanitize and **clean hands without using water.**

It dries fast and leaves hands soft and fresh. Its disinfecting power is combined with an effective skin-protecting action, it guarantees hygienic protection in few seconds.

Made in Italy.

**Sold in box of 12 pcs, only 2 pieces come with dispenser pump*

# BARRIER CREAM - HANDS PROTECTION

- **36578 BARRIER CREAM - 500 ml**

White barrier cream, enriched with vitamins and ingredients which protect the skin from everyday risks.

It acts as an **invisible barrier** that allows regular perspiration and prevents from irritation, pricking, redness, cracking and from contact with liquids such as detergents, greases and oils.

Waterproof: its film barrier resists even after several washing with water.

Can be used many times during the day.

The cream is also ideal to avoid skin's maceration due to the use of gloves.

For professional use.

Made in Italy.

# SURGERY DISINFECTANT

- **36632 NEO STERIXIDINA SOAP - 1 l**
- **36690 DISPENSER PUMP**

Recommended for preparation of hands before surgical intervention and for complete washing of patients. Direct action towards bacteria Gram$^+$, Gram$^-$.

Made in Italy.

4% CHLORHEXIDINE

**CHEMICAL COMPOSITION**

100 g contains: Chlorhexidine digluconate 4 g - Isopropyl alcohol 4 g - Coformulants - Depurated water as needed for 100g

**Italian Health Ministry registration 18980**

# MEDICAL SOAP

- **36629 MEDICAL SOAP - 0.5 l - box of 12**
- **36630 MEDICAL SOAP - 1 l**
- **36690 DISPENSER PUMP**

Antiseptic liquid for disinfection of skin and hands. It is studied for people who need frequent washing as surgeons, medical and hospital attendants also before surgical operations.

2 dispenser pump every 12 bottles

Instruction: GB, IT.

Made in Italy.

**Italian Health Ministry registration 19570**

# DENTAL PROTECTION

- **36650 GERMOXID MOUTHWASH - 1 l with chlorhexidine**

Specifically formulated to guarantee the highest hygienic standards and oral cavity disinfection.

Chlorhexidine is the most widely used and effective germicidal agent and acts against Gram$^+$ and Gram$^-$ bacteria, giving an overall anti-plaque and anti-gingivitis action.

Germoxid with its anti-plaque action guarantees efficient and long-lasting protection up to 12 hours.

Its alcohol-free formula assures that neither gum irritation nor a burning sensation will be felt.

It contains Aloe Vera in its formula: this is a particularly suitable extract for oral hygiene with high cicatrizing power.

Made in Italy.

# NOVALCOL SKIN DISINFECTANT

- **36609 NOVALCOL - 250 ml - box of 12 bottles**
- **36611 NOVALCOL - 1 l**
- **36613 NOVALCOL - 3 l**

Novalcol must be used pure before and after the injection, or in the preoperative cleaning of the patient (or for those confined to bed).

Novalcol is non irritant and non inflammable. It does not stain or burn. Efficient against gram$^+$, gram$^-$.

Instructions on the bottle in GB, IT.

**CHEMICAL COMPOSITION**

| | |
|---|---|
| Benzalkonium Chloride | 0.1 g |
| O-phenilphenol | 0.02 g |
| Isopropylic Alcohol, Coformulants, depurated water as needed to | 100 g |

Made in Italy.

**Italian Health Ministry Registration 13428**

# FLOW PACK WIPES

- **36627 FLOW PACK 20 WIPES**

Disinfectant detergent perfumed wipes for hands and body disinfection. Active against bacteria to guarantee hygiene and total protection. Suitable to fight against effects of perspiration, eliminating bacteria that cause bad smells. Good for children and in case of insects bites. Ready to use, they do not stain and do not grease.

**Minimum order: 1 display of 16 flow pack with 20 wipes**

**Italian Health Ministry. Registration 12671**

# HYDROGEN PEROXIDE

- **36604 OXYGENATED WATER (Hydrogen peroxide) - 250 ml - box of 12**
- **36606 OXYGENATED WATER (Hydrogen peroxide) - 1 l**

Hydrogen peroxide (3% diluted solution) 10 volumes. Colourless, odourless. 100% biodegradable. Made in Italy.

# ALCOHOL SWABS/PADS

- **36601 QUICKPAD DISPENSER**

Fleece pads saturated with 70% Isopropyl Alcohol.

The tight fitting lid prevents evaporations.

Size 50x50x80 mm contains 150 pads, size: 44x44 mm.

*U.S. and International Patents FDA Reg. #8010920*

150 ALCOHOL SWABS

# DISINFECTANT WIPES

**DISINFECTANT WIPES**

- **36625 tube of 100 wipes**
- **36626 box of 400 bags**

Active against bacteria are ideal for children since they do not burn. Indispensable in the house, the car, in sporting events.

Indicated for the disinfection of:

- insect bites
- skin before and after injections
- disinfection of hands and other body parts.

Instructions on the box in GB, IT.

**Italian Health Ministry Registration 12671**

**CHEMICAL COMPOSITION**

100 g contain: Benzalkonium Chloride 0.5% - O-phenilphenol 0.01% - Coformulants and water as needed to 100 g.

Made in Italy.

# ALCOHOL SWABS/PADS

- **36598 ALCOMED PADS - box of 100**
- **36599 ALCOMED PADS - carton of 10,000 (100 boxes of 100 pads)**

Alcohol saturated pads with 70% isopropyl alcohol for skin preparation prior to injection.

Bag size 50x50 mm, folded pad 32.5x30 mm, open pad 65x30 mm.

**36598**

# NaCl 0.9% B-BRAUN STERILE IRRIGATION SOLUTIONS

| GIMA code | B-BRAUN code | B-BRAUN | Minimum order |
|---|---|---|---|
| **36550** | **3570310** | B-BRAUN ECOLAV® - 30 ml | box of 100 |
| **36551** | **3570350** | B-BRAUN ECOLAV® - 100 ml | box of 20 |
| **36552** | **3570380** | B-BRAUN ECOLAV® - 250 ml | box of 20 |
| **36554** | **3570110** | B-BRAUN ECOTAINER® - 250 ml | box of 12 |
| **36555** | **3570130** | B-BRAUN ECOTAINER® - 500 ml | box of 10 |
| **36558** | **3513576** | B-BRAUN OMNIFLUSH® - 10 ml | box of 100 |

***ECOLAV®***

*The spray nozzle of Ecolav® allows a precise and direct irrigation of the target area by simply applying a slight pressure on the container, helping optimize the time for irrigation processes. Multilanguage manual and box: GB, FR, IT, ES, DE, PT, NL.*

**COMPOSITION**

1,000 ml solution contain: sodium chloride 9 g, water, injection electrolytes: mmol/l

Na$^+$ 154 Cl$^-$ 154

***ECOTAINER®***

*Ecotainer® non-drip pouring characteristics help reduce contamination risks during the irrigation process. Suggested for quick irrigation with high volume of solution. Multilanguage manual and label: GB, FR, IT, ES, DE, PT, NL, DK, FI, NO, SE.*

***B-BRAUN OMNIFLUSH®***

***PREFILLED FLUSH syringe 10 ml with NaCl 0.9% - box of 100 - EM-3513576***

*The Omniflush® syringe is designed specifically to minimize unintended blood reflux into the catheter lumen thus reduces the risk of catheter blockage. With Omniflush® the fluid amount used for flushing can be reduced to the required minimum. For flushing of all introvenous accesses. Multilanguage manual and label: GB, FR, IT, ES, DE, PT, PL, CZ, BG, DK, EE, FI, GR, HU, LT, LV, NL, NO RO, SK, SI, SE.*

## SURGICAL SCRUB BRUSHES/SPONGES

36570

**• 36570 SCRUB KIT - sterile - dispenser of 30 pcs**

Sterile hand-cleaning hospital kit.
It includes a scrub, a sponge and a plastic nail cleaner. Dry, without detergent.
Sterilization method: ETO.
Multilanguage label (blister and dispenser): GB, FR, IT, ES, DE, PT, PL, NL, GR, RU, Arab.
Made in Italy.

*All scrub kits are individually blistered in 30 pieces dispenser*

36571, 36572

**• 36571 IODO-POVIDONE SCRUB KIT dispenser of 30 pcs - IT**

**Italian Health Ministry registration PMC 19575**

**• 36572 IODO-POVIDONE SCRUB KIT dispenser of 30 pcs - Multilanguage***

**Label: GB, FR, ES, DE, PT, PL, NL, GR (blister and dispenser), PL, RU, Arab (blister only)*

Same as 36570 with solution of PVP Iodine 7.5 g in 100 ml. Made in Italy.

36573, 36574

**• 36573 CHLOREXIDINA SCRUB KIT dispenser of 30 pcs - IT**

**Italian Health Ministry registration PMC 19531**

**• 36574 CHLOREXIDINA SCRUB KIT dispenser of 30 pcs - Multilanguage***

**Label: GB, FR, ES, DE, PT, NL, GR (blister and dispenser), PL, RU, Arab (blister only)*

Same as 36570 with solution of Chlorhexidine Gluconate 20% 4 g in 100 ml Made in Italy.

36570

36571

36572

36573

36574

## PERFECTION BRUSHES

STERILIZABLE IN AUTOCLAVE

**• 25715 PERFECTION BRUSHES**

Nylon brushes for cleaning before and after operation.
These brushes are autoclavable (at 100°C for not more than 5 minutes) and can be stored in any standard brush dispenser in hospitals. Resistant and reliable. Handle in PP.
Supplied in boxes of 12 units.

## IODO-POVIDONE ANTISEPTIC

**• 36614 IODO-POVIDONE ANTISEPTIC 125 ml**
**• 36608 IODO-POVIDONE ANTISEPTIC 500 ml**
**• 36619 IODO-POVIDONE ANTISEPTIC 1,000 ml**

Wide spectrum disinfectant for the disinfection and cleaning of the skin in hospital wards with high risk of infection. Medical-Surgical Presidium n.19661.
The range of action includes Gram$^+$ and Gram$^-$ germs, acid and acid resistant bacteria and virus.
Its activity is maintained in the presence of organic materials.
Label: GB, IT. Made in Italy.

IODO-POVIDONE
10% IODINE

**CHEMICAL COMPOSITION**

Each 100 ml contains: polyvinylpyrrolidone ioding 10 g, coformulants and purified water needed to 100 ml

36614 36608 36619

## CHLORHEXIDINE DISINFECTION LINE

*14x20 cm wipe suitable for hands skin disinfection (bag 6X8 cm)*

36638

36634

**• 36637 GERMOXID SPRAY DISINFECTION - 100 ml - box of 12**
**• 36635 GERMOXID DISINFECTION - 250 ml - box of 12**
**• 36636 GERMOXID DISINFECTION - 1,000 ml - box of 12**
**• 36634 GERMOXID WIPE - 12 boxes of 10 wipes**
**• 36638 GERMOXID WIPE - box of 400 wipes**

Germoxid is a ready-to-use disinfectant for skin that contains Chlorhexidine with long-lasting bactericidal action.
Chlorhexidine has a proven broad-spectrum effectiveness against Gram$^+$ and Gram$^-$ bacteria.
The molecular structure of Chlorhexidine is very similar to that one of epidermis proteins and it is therefore rapidly and constantly absorbed by the skin.
Chlorhexidine is particularly suitable for skin disinfection.
It is particularly safe for medical operators thanks to its high epidermis compatibility, it neither irritates the skin nor stains or burns.
Available in 3 versions: liquid (250 or 1,000 ml), spray (spray dispenser allows a quick and efficient action and is eco-friendly) or wipes (ready-to-use disinfecting wet wipes containing chlorhexidine).
**Italian Health Ministry registration 11571**

*Label in GB, IT*

36636 36635 36637

## BARRYCIDAL "30 PLUS": A WIDE-SPECTRUM DISINFECTANT

CE 0426

*Manual in: GB, IT, FR, ES.*

35761 35763

**• 35761 BARRYCIDAL "30 PLUS" - diluted 5% - bottle 1 l** minimum order: box of 12 bottles
**• 35759 BARRYCIDAL "30 PLUS" - diluted 5% - bottle 1.2 l** minimum order: box of 6 bottles

Ready for use 1 or 1.2 l bottle with 10 cc measurer cap.

**• 35763 BARRYCIDAL "30 PLUS" - concentrate, to be diluted - tube 224 ml**
**• 35764 BARRYCIDAL "30 PLUS" - concentrate, to be diluted - tank 3.785 l (1 Gallon)**

Barrycidal 30 Plus is a water-based solution with gluteraldehyde and phenols, suitable to cleanse and disinfect surgical instruments and thermosensitive, non-autoclavable endoscopes, with good property to dissolve blood and organic traces. Colourless liquid emulsion. The product diluted by 5% is not classified as hazardous pursuant to the provisions set in Regulation 1272/2008 (CLP). Medical Device according to Class IIb - Directive 93/42 EEC.
**Tested action-spectrum in "clean" conditions:** bactericide (EN 13727 and EN 14561), fungicide (Candida Albicans, Aspergillus Niger; EN 13624 and EN 14562), mycobactericidal and tuberculocidal (Mycobacterium Avium, Mycobacterium Terrae; EN 14348 and EN 14563), virucidal (EN 14476).
30 Plus concentrate acts in 15 min. if diluted by 5%, 60 min. if diluted by 2.5%. Diluted by 2.5% results in 9 l of ready to use product.

35764

**CHEMICAL COMPOSITION**

**30 Plus concentrate:** 100 ml contain: gluteraldehyde (<2%), 2-benzil-4-chlorophenol 4.5%, 2-phenylphenol 7%, coformulants and purified water.
**30 Plus standard:** contains less than 0.2% at 5% dilution gluteraldehyde, phenols, surfactants.

## DISINFECTANT POWDER

**• 36639 GERMOCID PERACETIC POWDER - bag 16 g - box of 50 bags**
**• 36640 GERMOCID PERACETIC POWDER - box of 500 g** CE 0546

Cold sterilizer disinfectant: the peracetic acid which forms from the reaction of sodium percarbonate and tetracetilethylendiammine (which is obtained after dissolving the product into water) carries on an efficacious biocidal action against **spores**, **virus** (HIV, HBV, HCV), **bacteria**, **mycobacteria** and **fungi**. At the concentration of 0.3% it carries on **sterilization in 10 minutes**.
The product is active in 15 minutes from dissolution, solution remains active for max 24 hours. Suitable for a cold rapid sterilization and disinfection of endoscopes, surgical and dental instruments, transducer, etc.
The product is active also in presence of organic materials.
In this case it is better to previously clean the device with suitable detergent, better if with enzymatic base.
It can also be used with automatic washing machines for endoscopes.
No environmental impact: once in contact with discharge water, it degrades immediately into acetic acid, water, oxygen.
Chemical composition:
peracetic acid precursors and coformulants.
Made in Italy.

36640

## SPRAY DISINFECTANT

**• 36620 GERMOCID SPRAY DISINFECTANT - 400 ml**
**minimum order: 12 pcs**

Spray disinfectant with bactericidal power. Disinfects and deodorizes surfaces and objects of crowded and smoky areas (hospitals, classrooms, examination and surgery rooms, bathrooms, cars, trailers). Instructions on box in GB, IT.

**CHEMICAL COMPOSITION**

100 g contain: O-phenilphenol 0.02 g; benzalkonium chloride 0.1 g. Coformulants and propellants as needed to 100 g. Made in Italy.

**Italian Health Ministry registration 7604**

36620

## BOXES FOR COLD STERILIZATION

35770

35772 *autoclavable*

**• 35770 STERILIZATION BOX - 1.5 l (internal: 10x25.5xh 7.5 cm)**
**• 35772 STERILIZATION BOX - 3 l (internal 18.3x29xh 9 cm) - autoclavable**

Useful plastic box, with an internal removable perforated instrument tray, specially developed for cold sterilization of medical instruments. White colour. Made in Italy.

## GERMOCID TABS

**• 36622 GERMOCID TABS CHLORINE TABLETS - 1 kg**

White round effervescent chlorine tablets for cleaning, disinfecting and deodorizing. The dilution of 1 tablet in 7-8 litres of water or 2 tablets if you need stronger disinfection allows to hygienize rubber, plastic or glass.
Germocid tabs can be used for many other purposes:
wc sanitizing, dishwasher, floor cleaning and also for mopping bars, restaurants, hospitals.
Rinsing required. Packed in 1 kg jar, containing approx: 300 tabs.
Label/instruction in GB, IT.
Made in Italy.

36622

## ENZYME-BASED DETERGENT

**• 36618 ENZYME-BASED DETERGENT - 3 l**

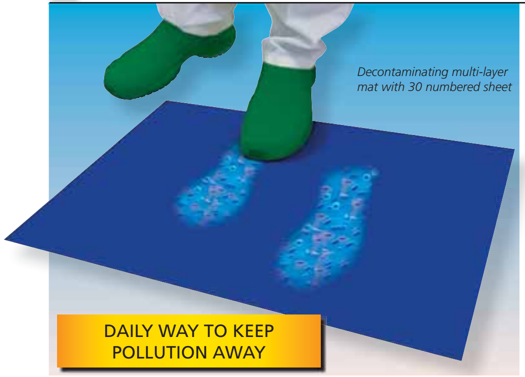
Medical device enzymatic based detergent for invasive surgical instruments. This clear liquid detergent is very useful to improve the cleaning of orthodontic and surgical instruments, glassware, plastic and metal objects. Also suitable for ultrasound cleaners.
Dilute in 1 litre warm water, immerse the instruments for 10 minutes and rinse. Label/instruction in GB, IT.
Made in Italy. CE 0546

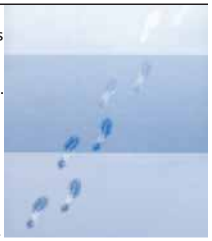
36618

**CHEMICAL COMPOSITION**

100 g contain: proteolytic enzymes 0.5 g, non-ionic surfactant agents 10-15 g, coformulants, water as needed to 100 g

# MULTILAYER DECONTAMINATING MAT WITH ANTIBACTERIAL


Decontaminating multi-layer mat with 30 numbered sheet
DAILY WAY TO KEEP POLLUTION AWAY



**DECONTAMINATING MATS**
Mats to be used in all environments that require total absence of contaminating agents and the preservation of high hygienic levels. GIMA mat, thanks to antibacterial glue captures and retains dust and bacteria and substantially reduces bacteria growth and spreading.
A full length adhesive sheet on the bottom of the mat provides a firm grip to the floor. Easy removability without leaving any adhesive trace.
Each mat includes 30 numbered polythene sheets and a non-adhesive edge strip to allow easy removal of each used layer. Medical disposable device CE Classe 1 non-sterile. Packed in a stylish dispenser folder with handle for easy carriage and vertical storage. Each mat can be easily picked leaving the others perfectly stored. Total mat thickness: 1.5 mm. Box of 5 mats with 30 sheet each. On request (minimum 10 boxes) available in white or green and size 60x95 cm or 90x95 cm.

- **36685 DECONTAMINATING MAT 45x90 - box of 5 - blue**
- **36686 DECONTAMINATING MAT 60x90 - box of 5 - blue**
- **36693 DECONTAMINATING MAT 45x115 - box of 5 - blue**
- **36694 DECONTAMINATING MAT 60x115 - box of 5 - blue**
- **36695 DECONTAMINATING MAT 90x115 - box of 5 - blue**
- **36696 DECONTAMINATING MAT 45x115 - box of 5 - white**

# GERMOCID WIPES FOR SURFACES, MEDICAL DEVICES

- **36680 GERMOCID WIPES - 120 wipes - tube**

Ready to use wipe, it contains a Chlorhexidine and Quaternary Ammonium Salt based alcoholic solution. With a fast and effective disinfectant action against Bacteria Gram⁺ Gram⁻ Yeasts, Moulds, Fungi, Tuberculous Mycobacteria (TBC). Lipophilic and hydrophilic Viruses (HIV - HVB - HVC).
The product has a high detergent power and it quickly evaporates.
It is not inactivated by organic residuals.
Suitable for cleaning and disinfection of non-invasive medical devices and surfaces disinfection in medical and dental medical offices.
Wipe size: 200x240 mm.

CE 0546

36680

# GERMOCID BASIC SPRAY

**CHEMICAL COMPOSITION**

| 100g of product contain | |
|---|---|
| Chlorhexidine digluconate | 0.1 g |
| Benzalkonium chloride | 0.1 g |
| Ethanol | 45 g |
| 2-Propanol | 15 g |
| Coformulants<br>and depurated water as needed for | 100 g |

Appearance: green liquid
Smell: characteristic pine

CE 0546

36615

- **36615 GERMOCID BASIC - 750 ml**

For disinfection and fast cleaning of every kind of medical surface materials which are not sensitive to alcohol like arms, handles and different dentistry objects.
- **Disinfectant action:** the association between Chlorhexidine and Quaternary ammonium Salt and the high alcoholic content guarantee a large action spectrum towards:
- Bacteria gram⁺ and gram⁻, fungi and virus HIV, HBC, HCV (HEPATITIS B and C) **in 1 minute of contact.**
- Fungi, microbacteria and TBC **in 5 minutes of contact.**
Strong detergent power and fast evaporation.
It is not de-activated by organic substances.
- **Bactericide, virucide and fungicide activity.**
Sold in box of 12 - only 2 bottles come with vaporizer.

- **36691 VAPORIZER**

# ENVIRONMENT DISINFECTANT

- **36616 ENVIRONMENT DISINFECTANT - bottle of 1 litre**
- **36617 ENVIRONMENT DISINFECTANT - tank of 3 litres**

Concentrated liquid detergent-disinfectant for environments.
Dilute it in water to a ratio of 0.5% for the disinfection and the cleaning of surfaces, counter, tiles, floors, sanitary fixtures, also using floor-washing machines.
Suitable in large areas (hospitals, clinics, rest homes, gyms, swimming pools) for the disinfection and cleaning of surfaces.
- **Disinfectant action:** guarantees a wide protection against virus, fungi, bacteria Gram⁺ and Gram⁻.
- **Detergent action:** contains non-ionic surface active agents to enhance the cleaning of surfaces.

36617
36616

**CHEMICAL COMPOSITION**

| 100 g of product contain: | |
|---|---|
| Quaternary ammonium compound | 10 g |
| Isotyazolinone magnesium chloride | 0.2 g |
| Coformulants and depurated water | 100 g |

Appearance: pale yellow liquid
Smell: citrus flavour
Biodegradability: detergent according to rules CE n° 648/2004
**Italian Health Ministry authorization N° 9658**

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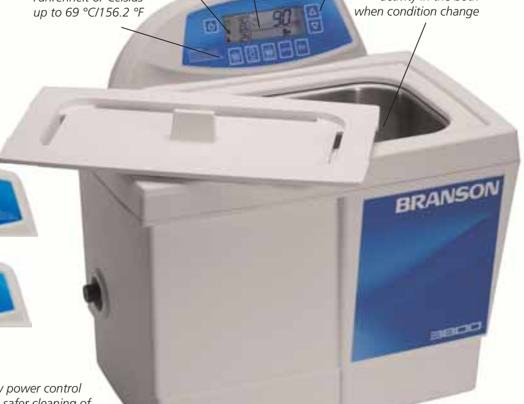
# BRANSON ULTRASONIC CLEANERS

**Precision cleaning power**
Ultrasonic cleaning is faster and safer than any other method. It's powerful enough to remove heavy oils and waxes, penetrating enough to deflux circuit boards, yet gentle enough to clean tiny precision assemblies.
Ultrasonic sound waves moving through a cleaning solution create an effect called cavitation, the rapid formation and implosion of microscopic bubbles. Heat enhances the process. The deep-cleaning action of ultrasonics removes even the most stubborn dirt and contaminations.
**Branson: pioneer in ultrasonic cleaning**
We have selected Branson because their cleaners incorporate years of experience in ultrasonic cleaning:
- easy to handle and safe to fill
- frequency higher than average for a deep cleaning
- less noise - longer lifetime.
All Branson cleaners are supplied with tank cover, and multi-language manual (GB, FR, IT, ES, DE, PT, SE, NL, RU).
Recommended use with optional perforated tray.



*CPX series is completely programmable, so engineers can choose temperature, start, and stop times for "set-it-and-forget-it" operation*

*Degassing periods of up to 99 minutes also allow for various sample prep applications.*

*Digital timer allows for continuous ultrasonic operation up to 99 minutes*

*Temperature can be set for either Fahrenheit or Celsius up to 69 °C/156.2 °F*

*Ultrasonic power tracking maintains steady, consistent activity in the both when condition change*

**M Series: M (Mechanical timer) or MH (Mechanical timer with heater)**
Includes 60-minute mechanical timer and continuous operation with heating capability (MH only).

**CPXH Series (Digital control with heater)**
Are the most technologically advanced ultrasonic cleaners available. With programmable features, digital operation with power tracking capabilities to adjust for light or heavy loads, high/low power control and degassing. The CPXH is the most versatile system available.

| **Feature** | **M Series Mechanical** | **MH Series Mechanical** | **CPXH Series Digital** |
|---|---|---|---|
| Timer | 60 minutes | 60 minutes | 60 minutes |
| Cover | • | • | • |
| Continuous mode | • | • | • |
| Sweep frequency | • | • | • |
| Heater | | • | • |
| Dual power | | | • |
| Power tracking | | | • |
| Degas wave modulation | | | • |
| °C or °F temp selection | | | • |
| Auto ultrasonic activation | | | • |
| High-temp alarm | | | • |
| Front panel auto temp calibration | | | • |
| Operating parameters stored and saved | | | • |

*High/low power control provides safer cleaning of delicate components. 100% power for normal or 70% for delicate applications*

**TECHNICAL SPECIFICATIONS**

| | **Branson 2800** | **Branson 3800** | **Branson 5800** | **Branson 8800** |
|---|---|---|---|---|
| Tank size: mm | 230x140x100 | 290x150x150 | 290x240x150 | 495x290x150 |
| Overall size: mm | 337x304x302 | 397x317x377 | 397x401x378 | 596x466x391 |
| Tank capacity: litres (gal) | 2.8 (0.75) | 5.7 (1.5) | 9.5 (2.5) | 20.8 (5.5) |
| Drain and valve kit | No | Included | Included | Included |
| Weight: kg (lbs) | 4.1 (9) | 5.4 (12) | 6.4 (14) | 11.8 (26) |
| Frequency | 40 KHz | 40 KHz | 40 KHz | 40 KHz |
| Power supply | 230-240 V | 230-240 V | 230-240 V | 230-240 V |

**4 SIZES: 2.8, 5.7, 9.5, 20.8 LITRES.**
**3 MODELS: MECHANICAL,**
**MECHANICAL + HEATER,**
**DIGITAL + HEATER**

35501

35511

35522

35533

| **ULTRASONIC CLEANERS** | **BRANSON 2800<br>2.8 litres** | **BRANSON 3800<br>5.7 litres** | **BRANSON 5800<br>9.5 litres** | **BRANSON 8800<br>20.8 litres** |
|---|---|---|---|---|
| M Mechanical timer | **35501** | **35510** | **35520** | **35531** |
| MH Mechanical timer with heater | **35502** | **35511** | **35521** | **35532** |
| CPXH Digital timer with heater | **35503** | **35512** | **35522** | **35533** |
| **ACCESSORIES** | **Branson 2800** | **Branson 3800** | **Branson 5800** | **Branson 8800** |
| Tank cover, plastic* or stainless steel** | **35507*** | **35517*** | **35527*** | **35537**** |
| Perforated tray | **35508** | **35518** | **35528** | **35538** |
| Tray | **35505** | **35515** | **35525** | **35535** |
| Beaker positioning cover | **35506** 2x 250 ml | **35516** 3x 250 ml | - | - |
| Beaker positioning cover 600 ml | **35509** 2x 600ml | **35519** 2x 600ml | **35529** 4x 600ml | **35539** 6x 600ml |
| Glass beaker 250 ml | **35540** | **35540** | - | - |
| Glass beaker 600 ml | **35541** | **35541** | **35541** | **35541** |

35541
35540

*Tray*
*Perforated tray*

35529

35516+35540

## FREE AND BASIC ULTRASONIC CLEANERS

**ULTRASONIC CLEANERS**
The ultrasonic tub is designed to wash instruments used in the medical, dental, cosmetic, veterinary fields. The ultrasound cleaning (cavitation) allows to thoroughly clean instruments difficult to clean manually.
**Heating - FREE only**
The device heats the detergent and stops automatically when the preset temperature is reached.
**Degassing (degas) - FREE and BASIC**
This process reduces the gas dissolved in the liquid, thus improving the efficiency of the subsequent washing.
**Ultrasonic cleaning - FREE and BASIC**
Washing phase through ultrasonic cavitation.
**Sweep - FREE and BASIC**
Ultrasounds are modulated in frequency, thus reducing the negative effects of stationary waves, increasing the distribution of ultrasonic energy within the washing liquid.
**Discharge - FREE only**
Tub of Basic has to be manually emptied, tub of Free can be emptied by opening the appropriate valve.
All ultrasonic cleaners are supplied with basket and lid.

| ULTRASONIC CLEANERS | BASIC<br>3 l | FREE<br>3 l | BASIC<br>9 l | FREE<br>9 l |
|---|---|---|---|---|
| Tank size mm | 235x100x135 | | 332x120x227 | |
| Overall size mm | 305x248x168 | 305x248x178 | 418x268x259 | 418x268x269 |
| Weight kg | 3.7 | 4 | 7.1 | 7.4 |
| Ultrasonic power W | 150 | 150 | 300 | 300 |

| GIMA code | FREE AND BASIC ULTRASONIC CLEANERS |
|---|---|
| **35550** | Basic ultrasonic cleaner 3 l |
| **35551** | Free ultrasonic cleaner 3 l - with heating and discharge |
| **35552** | Basic ultrasonic cleaner 9 l |
| **35553** | Free ultrasonic cleaner 9 l - with heating and discharge |

## ULTRASONIC CLEANER

- **35549 GIMA 50 ULTRASONIC CLEANER 0.6 l**

This ultra-compact cleaner is very easy to use, efficient and economic. Ideal to clean small objects. Electronic, non adjustable timer with plastic cover and basket. No heating.
Internal size: 168x89x55 mm.
Supersonic wave 46,000 cycles per second.

## GENERAL PURPOSE CLEANER

- **35544 BRANSON GENERAL PURPOSE CLEANER - bottle 1 l concentrate**

BRANSON PURPOSE is a cleaning solution developed for use with ultrasonic cleaners. Removes general soils, fingerprints, dust, light oils and greases.
Branson cleaning liquid has been specially developed to provide optimal transfer of acoustic energy.
Mainly used in: dentistry, medical and optical applications, laboratory, electronics, gold and silver works.

**CHEMICAL SPECIFICATIONS**
Concentration: 10-12%
Biodegradability: yes
Phosphate free
Concentration PH: 13.5
Rinsability: good

## GIMA QUICK: STERILIZATION IN 2 MINUTES

- **35640 GIMA QUICK - hot bead sterilizer**
- **35642 GIMA QUICK PLUS with thermometer**

GIMA QUICK hot bead sterilizer has been designed and developed specifically for medical use. Also recommended for dentistry, podology, veterinary, tattoo and beauty studios.
It ensures a quick and effective sterilization.
It sterilizes files and mirrors in 2 minutes, surgical instruments in 2 minutes, curettes and forceps in 3 minutes.
Its constant temperature over 230°C ensures the total destruction of micro-organisms and spores in few seconds.
GIMA QUICK has epoxydic powders painted steel casing; the inside cylinder is completely isolated by fibres and glass, which prevents heat from being transmitted to the external casing.
It can work continuously for the whole day.
Supplied with a pack of glass beads (220 g).
Made in Italy.

- **35645 PYREX BASIN**
- **35646 PACK OF GLASS BEADS**

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| Outer structure in white painted steel | Weight: 2.8 kg |
| Size: 130x130x190 mm | Power consumption: 150 W |
| Copper plated basket: diameter 5.5 cm depth 7.5 cm | Operating voltage: 220 V - 50 Hz. |
| | Warranty: 12 months |
| | Made in Italy |

## DIGITAL OR THERMOVENTILATED DRY HEAT STERILIZERS

*Outer case and front completely made of stainless steel, included the drummed door strongly insulated with non-conducting material*

*Outer case made of steel, hinged door completely made of stainless steel*

TITANOX dry heat sterilizers 20, 60, 120 litres.
Inner structure and height adjustable inner shelves completely made of stainless steel. Door with lock and key.
**Thermoventilated unit**: to guarantee the uniformity of the temperature in the heating room and to allow the circulation of the air, the device is provided with a ventilation motor that results always in operation, both during the cycle of heating and during the pauses of cooling.
**Digital unit:** adjustable aeration tunnels, placed on the bottom of the right side and on the top of the left side for hot air adjustment and circulation, which is useful for a quick cooling of the device.

| GIMA code Thermoventilated | GIMA code Digital | Capacity | Outside dimensions (mm) | Inside dimensions (mm) |
|---|---|---|---|---|
| **35583** | **35586** | 20 l | 570x345xh 400 | 405x255xh 210 |
| **35584** | **35587** | 60 l | 705x450xh 475 | 535x320xh 345 |
| **35585** | **35588** | 120 l | 835x565xh 555 | 670x420xh 415 |

Supplied with manual in: GB, FR, IT, (ES on request) and 2 height adjustable trays. Made in Italy.

**TECHNICAL SPECIFICATIONS**

**Thermoventilated:**
Timer 0-120 minutes that switches off the oven at the end of the planned time
Probe thermometer from 0° to 200°
Probe thermoregulator from 0° to 200°
Safety thermostat
Ventilator for forced ventilation
Double check up light bulb
**Digital:**
Electronic running C.P.S.
Use modality: continuous (stand by) or timed
Timer from 0 to 250 minutes
Optimum heat distribution
Automatic indication for possible problems of feeding (in case of mains tension lack, the program will start again from the beginning)

35586

Operating voltage: 230 V - 50/60 Hz (110 V on request with surcharge for 35583-5)

## TAU STERIL AUTOMATIC DRY HEAT STERILIZERS 1.6, 6,18 LITRES

35600

35606

35606

*Shining 18/8 stainless steel non corrosive, almost indestructible sterilization chamber which reflects the heat to reach rapidly desired temperature.*

35619

*Front door, side and back in epoxy powder painted*

0426

- **35600 TAU STERIL 1.6 - automatic hot air sterilizer**
- **35606 TAU STERIL 6 - automatic hot air sterilizer**
- **35619 TAU STERIL 18 - automatic hot air sterilizer**

TAU sterilizers have been designed to satisfy all daily medical requirements in the field of sterilization.
Extremely robust, totally automatic, guarantee complete working safety.
**TAU 1.6 and 6** have double wall and inner insulation, outside is made of stove-enamelled sheet steel, inside of stainless steel 18/8 (double cover, sterilization chamber and removable perforated tray).
**TAU 18** comes complete with safety fuses, neon warning lights to control timer and thermostat, power cable, 3 itallumac treated shelves (375x200 mm), shelf extracting tongs.

| TECHNICAL SPECIFICATIONS | TAU 1.6 | TAU 6 | TAU 18 |
|---|---|---|---|
| Inside dimensions (mm): | 245x115xh 55 | 385x170xh 90 | 375x230xh 200 |
| Outside dimensions (mm): | 310x180xh 180 | 495x310xh 220 | 440x310xh 380 |
| Weight: | 5 kg | 10.5 kg | 14 kg |
| Operating voltage: | 220 V | 220 V | 220 V |
| | 110V available on request | | |
| Power consumption: | 250 W | 400 W | 600 W |
| Fuses: | | | 3.15 A |
| Thermostat: | Automatic capillary bulb type with self registration from 90° to 200° | | |
| Timer: | from 0 to 120 minutes | | |
| Thermometer: | high precision with capillary bulb | | |
| Made in Italy | | | |

# HOT AIR STERILIZERS: GIMETTE 1.5, 7, 21, 28 AND 50 LITRES

GIMETTE 1,5 35601

GIMETTE 7 35607

- **35601 GIMETTE 1.5 - hot air sterilizer**
- **35607 GIMETTE 7 - hot air sterilizer**

CE 0425

Automatic Gimette are compact and high quality hot air sterilizers with the same reliability and efficiency as larger models.
Outside structure is made of painted plate with anti-scratch epoxy powder. Stainless steel lid and sterilization chamber with approx. Capacity of 1.5 l and 7 l.
Removable, perforated for air circulation, tray with pliers.
All components certified by most important European brands, assembling in compliance with EN-61010. A second safety thermostat triggers in case temperature should exceed 220°C.
Red LED indicates any anomaly in thermoregulation and consequent starting of safety thermostat.

- **35631 RESISTOR 250 W for 35601 - spare**
- **35632 RESISTOR 400 W for 35607 - spare**
- **35612 GASKET for 35607 - spare**
- **35613 GASKET for 35601 - spare**

**TECHNICAL SPECIFICATIONS**

**GIMETTE 1.5**

| | | |
|---|---|---|
| Inside dimensions: | 245x120x50 mm = vol. 1.5 dm³ | |
| Outside dimensions: | 310x180x180 mm | Weight: 4.3 kg |
| Power consumption: | 250 Watt | Fuse: 1 A |

**GIMETTE 7**

| | | |
|---|---|---|
| Inside dimensions: | 410x180x90 mm = vol. 7 dm³ | |
| Outside dimensions: | 490x310x180 mm | Weight: 8 kg |
| Power consumption: | 400 Watt | Fuses: 2 x 2.5 A |
| Thermometer: | high precision with capillary bulb | |

**Same specifications for both models:**

| | |
|---|---|
| Operating Voltage: | 230 V - 50 Hz |
| Thermostat: | automatic, adjustable 0-200 °C |
| Timer: | manual from 0 to 120 minutes |
| 2° Thermostat: | bi-metallic certified |
| Green LED: | timer, orange LED: heating, red LED: alarm |

Made in Italy - Warranty 1 year
User/Service manual in IT, GB, FR

GIMETTE 21 35621

GIMETTE 28 35628

- **35621 GIMETTE 21 - hot air sterilizer**
- **35628 GIMETTE 28 - hot air sterilizer**
- **35629 GIMETTE 50 - hot air sterilizer**

CE 0425

Fully automatic hot air sterilizer, with adjustable temperature from 0°C to 200°C, kills off even particularly resistant micro-organisms.
Stainless steel structure is powder painted, except for the door, to assure maximum heat and shock resistance over time.
Four perforated, anodized aluminium trays make hot air circulation easier. Capacity approximately 20 l, 28 l and 50 l.
A second safety thermostat triggers in case temperature should exceed 230°C.

Red LED indicates any anomaly in thermoregulation and consequent starting of safety thermostat.

**SPARE ACCESSORIES**

| STERILIZER | TRAY | GASKET | RESISTOR 600 W |
|---|---|---|---|
| Gimette 21 | 35610 | 35614 | 35639 |
| Gimette 28 | 35611 | 35615 | 35639 |
| Gimette 50* | - | 35617 | 35639 |

*Needs 2 resistors*

**TECHNICAL SPECIFICATIONS**

| | GIMETTE 21 | GIMETTE 28 | GIMETTE 50 |
|---|---|---|---|
| Inside dimensions mm: | 300x250x260 | 380x250x260 | 405x340x350 |
| Approx. volume | 20 dm³ | 28 dm³ | 50 dm³ |
| Outside dimensions mm: | 440x340x400 | 550x340x400 | 605x460x480 |
| Weight: | 13 kg | 17 kg | 24.5 kg |
| Power consumption: | 600 Watt | 500 Watt | 1200 Watt |

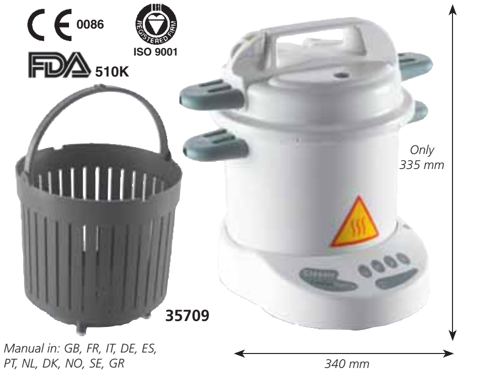
**Same specifications for 3 models:**

| | |
|---|---|
| Operating Voltage: | 230 V - 50 Hz |
| Fuses: | 2 x 4 A (35621, 35628) 2 x 8 A (35629) |
| Timer: | manual from 0 to 120 minutes |
| Thermostat: | automatic |
| Thermometer: | high precision with capillary bulb |
| 2° Thermostat: | bi-metallic certified |
| Green LED: | timer, orange LED: heating, red LED: alarm |

Made in Italy - Warranty 1 year
User/Service manual in IT, GB, FR

# PRESTIGE CLINICAL AUTOCLAVES: EXCELLENCE THROUGH DESIGN

CE 0086 FDA 510K ISO 9001



*Manual in: GB, FR, IT, DE, ES, PT, NL, DK, NO, SE, GR*

| GIMA code | PRESTIGE MEDICAL AUTOCLAVES |
|---|---|
| 35709 | Prestige autoclave 9 litres |
| 35712 | Prestige autoclave 12 litres |
| 35720 | Silicone sealing gasket |
| 35724 | Depressurization valve - since 2011 |

**PRESTIGE AUTOCLAVES - class N**

Prestige is one of the world's largest selling and most cost effective automatic autoclave available, with an enviable reputation for reliability, durability, safety and quality.
- method recommended by healthcare professional worldwide including the World Health Organisation (WHO)
- each autoclave is computer tested and issued with a unique Performance Test Certificate
- at only 4.5 kg net weight, offers full device portability
- supplied with basket and multilingual user manual
Recommended for infection control not only in hospital and general medical and dental surgeries, but also in veterinary, chiropody, professional beauty, tattooists, acupuncture, laboratories and schools.
Comply with: IEC 61010 (product safety), BS3970 part 4 (pressure vessel only), BS 5500 (pressure vessel).

**TECHNICAL SPECIFICATIONS**

| | 35709 | 35712 |
|---|---|---|
| Capacity: | 9 l | 12 l |
| Chamber internal dimensions (D/H) | 210/236 | 210/328 |
| Maximum instrument length (diagonal): | 228 mm | 290 mm |
| Maximum loading weight: | 3 kg | 4 kg |
| Width/height: | 340/335 | 340/420 |

**Same specifications for 2 models:**
Sterilizing time: 11 minutes
Cycle time (nominal): 22 minutes
Operating pressure: 1.40 bar
Sterilizing temperature: 126 °C
Operating voltage: 230 V - 50-60 Hz - Power 1,250 Watt
Made in UK - Warranty: 1 year

35712

# GIMA VERTICAL AUTOCLAVE H100 - 9 LITRES - CLASS N

- **35746 H100 GIMA AUTOCLAVE - 9 litres - 230 V**

CE 0068

Safe and easy to use autoclave to sterilize surgical instruments and hand-pieces which can be sterilized up to 125°C, with a sterilization cycle of 15 minutes only. External frame of painted steel and stainless-steel 18/10 body without any welding. Equipped with three safety valves. Made in Italy.

**Safety systems**
- safety lock to prevent opening of the door during the sterilization cycle; the door can only be opened when pressure inside the chamber is levelled to the ambient one
- safety valve for vapour exhaust in case of damage with inside overpressure > 2.5 bar. Safety valve TUV certified (PED IV)
- safety thermostat which occurs if the inner temperature of the chamber rises over 135°C
- safety valve kit to adjust pressure if it rises over 2.0 bar
- thermodynamic vacuum
Complies with 93/42/EEC Class IIb, IEC601, EMC

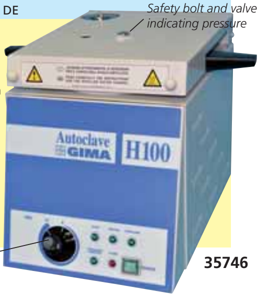
- **35747 SEALING GASKET for H100** with serial number: A, D, E, F, K, L. Please advise if different serial number.

**STANDARD ACCESSORIES**

Stainless steel basket int: Ø 195xh 183 mm
ext: Ø 210xh 210 mm with feet
User manual in GB, IT, ES on request FR, DE
Electric cable
Distilled water bottle 1 l

**TECHNICAL SPECIFICATIONS**

External size: 250x385xh 310 mm
Size of the sterilizing chamber:
Ø 220 mm - h 235 mm
Removable basket: Ø 210 mm - h 210 mm
Sterilizing liquid: distilled water
Absorbed power: 1500 Watts
Operating voltage: 230 V - 50/60 Hz
Fuses: type 6.3 x 32 mm - 8A
Operating temperature: 125 °C
Sterilizing time: 15 minutes
Operational pressure:
1.3/1.6 bars (130/160 KPa)
Net weight: 13.3 kg
Warranty: 1 year



35746

# GERMY GIMA PLUS: GERMICIDAL ULTRAVIOLET LAMPS

35751

CE

AVAILABLE IN 3 SIZES

- **35750 GERMY GIMA PLUS 8 W - 38x20xh 17 cm**
- **35751 GERMY GIMA PLUS 15 W - 50x24xh 20 cm**
- **35752 GERMY GIMA PLUS 30 W - 96x24xh 20 cm**
- **35754 SPARE NEON LAMP - 8 Watt**
- **35755 SPARE NEON LAMP - 15 Watt**
- **35756 SPARE NEON LAMP - 30 Watt**

**GERMY GIMA PLUS: ULTRA VIOLET LAMPS**

These instruments incorporate a germicidal ultra-violet lamp which rapidly destroys every micro-organism hit by its rays. Recommended to keep the instruments stored inside sterile. Instruments previously sterilized can be preserved for a long time and they are always ready for use (UV treatments do not generate heat).
An inside supporting grate keeps instruments raised from reflecting surface which enables both surfaces to be uniformly irradiated, improving the UV germicidal action.
Operator safety is guaranteed by a micro switch which extinguishes the lamp if door is opened.
Solid construction, painted steel outside and reflecting stainless steel inside.
Installation on table or wall.
Operating voltage: 230 V - 50/60 Hz - 1 A
Made in Italy.

# HYDRA EVO ELECTRONIC 15 OR 18 L STEAM AUTOCLAVE - N

- **35658 HYDRA EVO AUTOCLAVE - 15 litres - 230 V**
- **35659 HYDRA EVO PLUS AUTOCLAVE - 18 litres - 230 V**

Automatic steam autoclaves for the sterilization of unwrapped instruments. Closure system with an operator safety pivot. Thermodynamic system for the ejecting of the "cool" air locks.

**Two sterilization cycles: 121°C and 134°C**
Automatic phases of pre-heating, sterilization cycle and drying.

**Pre-set, non-modificable cycles**
All cycles are pre-set at the factory and guarantee perfect and safe sterilization of treated materials. There is no way the operator can manipulate or alter the cycles, and this safeguards against risks deriving from human error.

**Pre-set temperatures**
The temperatures set for our autoclave cycles are 134°C and 121°C. The 134°C cycles are normally used for the sterilization of solid and ferrous materials. 121°C cycles are normally used for sterilization of thermoplastic and delicate materials.

**Water tank**
Hydra EVO only has one water tank. This tank must be filled with distilled or demineralized water and acts as a container for collecting the used water which is then re-utilized for new cycles.

**Safety on the door**
Each door is equipped with 2 locks:
- a mechanical one which does not open when pressure is exerted
- a dynamic one, that operates thanks to a special form of door seal

**Safety devices installed**
- Certified safety valve
- PED on sterilization chambers
- Insulation of the chamber with certified ceramic material.

**TECHNICAL SPECIFICATIONS**
Stainless steel chamber: Ø 24.5 x 32 cm  Ø 24.5 x 40 cm (Plus)
External size: 44 x 38 x 50 cm (W x H x D)
Net weight: 35 kg
2 sterilization cycles: 121°C and 134°C
Operating Voltage: 230 V±10% - 50/60 Hz
Power consumption: 1700W
Class N
Made in Italy - Warranty: 1 year

35658

| | |
|---|---|
| 93/42/EEC<br>73/23/EEC<br>93/336/EEC | Medical device<br>Low tension<br>Electromagnetic Compatibility |

C€0434 TÜV CHAMBER TEST

MICROBIOLOGIC CERTIFICATION

**Controls on the Autoclave**
- Control of the water that enters into the chamber
- Safety Thermostat
- Time Control

The sterilization chamber is completely stainless steel AISI 304 and it is heated by a band shaped heating element which grants uniformity of the heat. Supplied with four aluminium trays and one key for their extraction.
User manual available in English, French, Italian, Spanish.

- **35671 Sealing GASKET - spare**
- **35669* HEATING BAND DHY A035 for 35650, 35654**
- **35670* HEATING BAND DXB A835 for 35658, 35659**

**Need serial number of autoclave*

| Cycles | Materials | Sterilization time | Drying time | Max load | Working pressure |
|---|---|---|---|---|---|
| **Not wrapped 121° C** | •Fragile solids<br>•Rubber solids<br>•Glass<br>•Turbines if indicated by producer | 20 min. | 5 min. | 2.8 kg<br>700 g load in any tray | 1.2÷1.3 bars |
| **Not wrapped 134° C** | •Stainless metal solids<br>•Turbines if indicated by producer | 10 min. | 5 min. | 2.8 kg<br>700 g load in any tray | 2.1÷2.2 bars |

# NUBYRA 6 LITRES STEAM AUTOCLAVE - CLASS N

35647

| Cycles | Materials | Sterilization time | Drying time | Max load | Working pressure |
|---|---|---|---|---|---|
| **Not wrapped 121° C** | •Fragile solids<br>•Rubber solids | 18 min. | 5 min. short dry or 15 min long dry | 1 kg<br>500 g load in any tray | 1.1÷1.2 bars |
| **Not wrapped 134° C** | •Fragile solids<br>•Rubber solids | 6 min. | 5 min. short dry or 15 min long dry | 1 kg<br>500 g load in any tray | 2.1÷2.2 bars |

- **35647 NUBYRA AUTOCLAVE - 6 litres - 230 V**

Electronic steam autoclave for the sterilization of unwrapped instruments. 2 fully automatic, microprocessor controlled, sterilization cycles: at 134°C or 121°C with short or long automatic drying.
LCD display with visualization of temperature and pressure for total control of sterilization cycle. Easy closure system with double safety sensor. Air pockets automatic ejection system: thermodynamic system for the ejection of "cold" air pockets. Anodized aluminium chamber, 2 electronic temperature sensors (1 inside chamber and 1 outside) and electronic transducer for better control of pressure.
Supplied with 3 aluminium trays.

- **35648 GASKET - spare**

| | |
|---|---|
| 93/42/EEC<br>2014/35/UE<br>2014/30/UE<br>EN 13060 | Medical device<br><br><br>Compatibility |

C€0051

**TECHNICAL SPECIFICATIONS**
Anodized aluminium chamber:
Ø 17x26.5 cm - 6.1l
External size: 44.5x48xh 35 cm
Trays size: 1 large 15x24x2 cm
2 small 11x24x2 cm
Maximum load: 1 kg (short dry)
0.5 kg (long dry)
2 sterilization cycles: 121°C and 134°C
Operating voltage: 230V - 50/60 Hz
Max absorbed power: 1,350 Watt
Net weight: 27 kg Class N
Made in Italy - Warranty: 1 year
User manual: GB, IT (FR, ES on request).

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# EUROPA B EVO: CLASS B AUTOCLAVE 15 AND 24 l

EN13060

C€0434 TÜV CHAMBER TEST

*Tray holder with 4 aluminium trays*

*Supplied with 1 closed tray holder, 4 aluminium trays, 1 double-use key for tray extraction and door adjustment, water loading and unloading hoses, chamber cleaning sponge and integrated osmosis system (35657 only)*

35653

*Constant control and monitoring of the entire autoclave functional system.*

*Sterilization Cycles 121°C-134°C suitable for both enveloped and free materials. All cycles are for type-B loads.*

As regards to safety in health practice, sterilisation is the first aspect to consider. Autoclaves offer physical and legal safety. This is why autoclaves must be chosen according to rational logics and based on professional and not only cost-related evaluations.
With the new EN 13060 standard, the choice of the right autoclave is now easier for professionals: they must choose a certified, adequate model, based on the type of materials to sterilise. A B-type loads autoclave allows to sterilize hollow materials such as handpieces and turbines and porous materials (overalls, gauze...).

**P.I.D. System (Proportional Integral Derivate)**
It represents the top of closed loop controls. P.I.D. ensures a constant control and monitoring of the whole operating system of the autoclave, acting automatically in case of anomalies or incorrect technical and electronic parameters.

**Internal tanks**
All the autoclaves are equipped with an internal tank for pure water and another for used water. Each tank is equipped with probes to detect the minimum and maximum water levels.

**Preset temperatures**
The preset temperatures used in our autoclaves cycles are 134°C and 121°C. 134°C cycles are normally used for sterilization of solid and ferrous materials. 121°C cycles are normally used for sterilization of thermoplastic and delicate materials.

**Ease of use**
Sterilization cycle is selected by pushing one button and activated by pushing another. First button allows to scroll and view data about all sterilization cycles on the display and select the cycle that suits your materials best, second button automatically starts the whole sterilization cycle. It is impossible to make mistake or choose an inadequate sterilization cycle. In case of any error or warning a series of messages and LEDS will inform you about the problem.

**Fully automatic cycles**
All cycles are fully automatic, with all steps managed by the leading-edge computer board with a powerful microprocessor. Each step (vacuum, preheating, exposure time, drying) is automatically monitored, assisted and handled. There is no need for human intervention in cycle management.

**Cycles without operator intervention and with autoshutdown**
In sterilization cycles an automatic function will trigger an anti-condensation process and auto-shutdown if the operator is not by the machine when the cycle ends.

35657

*Autoclave equipped with integrated printer*

**Test cycles**
Our autoclaves are equipped with test cycles for periodic control by means of physical and functional tests.
Helix test, to assess vacuum capacity in hollow bodies.
Bowie & Dick test to evaluate vacuum capability in hollow bodies. Vacuum test to evaluate vacuum retaining capability.

**Costantly monitored cycles**
A device constantly controls and monitors the sterilization cycles. Any anomaly or uncommon feature is quickly detected and immediately blocked if it jeopardises the sterilization cycles.
The operator is warned of the anomaly by a message.

**All cycles ensure sterilization of B-type loads**
All the sterilization cycles feature the fractional vacuum system as well as the controls of parameters that ensure sterilization of B-type loads. Therefore, even if the type of cycle chosen is incorrect the sterilization carried out on the material will be equally adequate.

**Integrated Osmosis system (35657 only)**
Inverse osmosis is a safe water treatment system that eliminates even the tiniest polluting particle, to guarantee bacteriological purity. It works through an osmotic membrane which is able to filter water down the molecular levels.

| GIMA code | CLASS B AUTOCLAVES |
|---|---|
| **35653** | Europa B Evo Autoclave - 15 l |
| **35657** | Europa B Evo Autoclave - 24 l with integrated osmosis system |
| | **SPARES** |
| **35672** | Bacterial filter for Europa B conical threading 1/8<br>Compatible also with W&H, Cominox, Mocom, Mediline, Euronda |
| **33250** | Thermal paper 57mm x 25m (pack of 5 rolls) |

| Cycles | Working pressure min-max | Minimum time of the total cycle* - minutes | |
|---|---|---|---|
| | | Europa B EVO | Europa B EVO 24 |
| **121° C Wrapped** | 1.04 - 1.30 | 60 min. (25+18+17) | 56 min. (25+18+13) |
| **121° C Unwrapped** | 1.04 - 1.30 | 49 min. (25+18+6) | 55 min. (25+18+12) |
| **134° C Flash** | 2.02 - 2.38 | 31 min. (25+4+2) | 33 min. (25+4+4) |
| **134° C Wrapped** | 2.02 - 2.38 | 47 min. (25+5+17) | 43 min. (25+5+13) |
| **134° C Unwrapped** | 2.02 - 2.38 | 36 min. (25+5+6) | 42 min. (25+5+12) |
| **134° C Prion** | 2.02 - 2.38 | 62 min. (25+20+17) | 58 min. (25+20+13) |

**The total time includes: vacuum, pre-heating time, cycle and drying phase.*
*The times are to be intended for a fully loaded autoclave.*
*All sterilization cycles have 3 stages of vacuum.*
*Vacuum and pre-heating time can vary depending on the conditions of autoclave from 25 to 35 minutes*

**TECHNICAL SPECIFICATIONS**

| | 35653<br>Europa B - 15 l | 35657<br>Europa B - 24 l |
|---|---|---|
| External size mm (WxHxD): | 510x390x590 | 510x390x730 |
| Chamber size mm (Øxdept): | 245x320 | 245x500 |
| Operating voltage | 230V - 50/60 Hz | 230V - 50/60 Hz |
| Max absorbed power | 1,700 W | 2,200 W |
| Weight kg: | 54 | 58 |
| Built in printer: | yes | yes |
| Manual closing: | yes | yes |
| Fitting for pura deioniser: | yes | yes |
| PID system | yes | yes |

# ANDROMEDA VACUUM XP AUTOCLAVE WITH PRINTER 15-21 LITRES

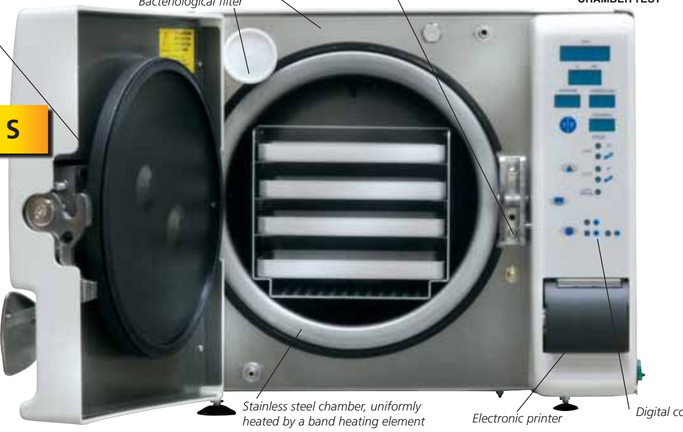
*Twin tanks for pure and used water: by using always pure water, the internal components are protected, with benefits in maintenance and service costs*

*Door opening block with electromagnet*

*Bacteriological filter*

*Door gasket*

CLASS S



*Stainless steel chamber, uniformly heated by a band heating element*

*Electronic printer*

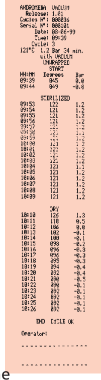
*Digital control*

CHAMBER TEST

MICROBIOLOGIC CERTIFICATION

| | |
|---|---|
| 93/42/EEC<br>73/23/EEC<br>93/336/EEC | Medical device<br>Low tension<br>Electromagnetic Compatibility |

*Andromeda Vacuum is supplied with printer built into the drive board. The printer document certifies the sterilization by indicating all the data related to the cycle.*



```
ANDROMEDA  VACUUM
  Release: 1.01
Cycles N°: 000036
Serial N°: 000101
     Date: 08-06-99
     Time: 09:39
    Cycle: 3
121°C  1.2 Bar 34 min.
     with VACUUM
      UNWRAPPED
        START
HH:MM   Degrees   Bar
09:39    045      0.0
09:44    049     -0.8

      STERILIZED
09:53    122      1.2
09:54    121      1.2
09:55    121      1.2
09:56    121      1.2
09:57    121      1.2
09:58    121      1.1
09:59    121      1.2
10:00    121      1.2
10:01    121      1.2
10:02    121      1.2
10:03    121      1.2
10:04    121      1.1
10:05    121      1.2
10:06    121      1.2
10:07    121      1.2
10:08    121      1.2
10:09    121      1.2

         DRY
10:10    126      1.3
10:11    118      0.5
10:12    106      0.0
10:13    102     -0.1
10:14    100     -0.1
10:15    098     -0.2
10:16    096     -0.3
10:17    096     -0.3
10:18    095     -0.3
10:19    094     -0.4
10:20    092     -0.4
10:21    090     -0.5
10:22    090     -0.1
10:23    092     -0.1
10:24    092     -0.1
10:25    092     -0.1
10:26    092     -0.1

    END  CYCLE OK

Operator:

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```

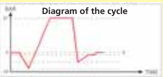
- **35651 ANDROMEDA VACUUM XP - 15 litres - 230 V**
- **35662 ANDROMEDA VACUUM XP - 21 litres - 230 V**

**Pre-and post-vacuum:** Andromeda Vacuum is provided with powerful vacuum pump which, at the beginning of the cycle, ejects the airpockets from the sterilization chamber, and at the end of the sterilization phase ensures a very good drying.
**Rapid preheating:** A very new method of preheating, through a special band heating element, gives a high reduction of the preheating times.
**Guaranteed sterilization:** A sophisticated electronic device gives a constant monitoring of pressure, temperature and time. In case of anomalies there will be an electronic lock of the autoclave and the display will indicate the anomaly.

**TECHNICAL SPECIFICATIONS**

External size: 45x39x54 cm (35651), 45x39x66 cm (35662)
Chamber dimension: Ø 24.5x32 cm depth (35651),
Ø 24.5x43 cm depth (35662)
Weight: 50 kg
Operating Voltage: 230 V - 50/60 Hz
Power consumption: 2000 Watt
Made in Italy Class S Cycles

Diagram of the cycle



*Andromeda Vacuum is provided with 5 cycles of sterilization: 121° C and 134° C for unwrapped and wrapped instruments, and a "Flash" cycle for the fast sterilizations.*

| Cycles | Temperature | Max load | Pressure | Total time* |
|---|---|---|---|---|
| **Program 1** Unwrapped instruments | 134° C | 2.8 kg | 2.2 | 33 |
| **Program 2** Wrapped instruments | 134° C | 2.8 kg | 2.2 | 38 |
| **Program 3** Unwrapped instruments | 121° C | 2.8 kg | 1.2 | 42 |
| **Program 4** Wrapped instruments | 121° C | 2.8 kg | 1.2 | 46 |
| **Program 5** Flash | 134° C | 2.8 kg | 2.2 | 16 |

*** pre-heating - vacuum - cycle - drying in vacuum**

User manual available in English, French, Spanish, Italian, German

**"Night" cycle with anti-condensate device**
Andromeda Vacuum can work also without the operator presence as all functions are automatic.
At the end of each cycle a special device eliminates the backwater of condensate, afterwards there is the automatic sign off, but with electronic storage.
**Safety of the operator:** Andromeda Vacuum has an electromagnetic block device on the door. The door opens only with atmospheric pressure into the chamber, and after having pressed the push button.

*Completely computerized monitoring of all automatic functions, and auto-diagnosis of each component. The total automation of each phase of the cycle prevents any possible human error, also from inexperienced personnel*

*Timed start, with positioning in "Stand-by" at 80°C and automatic switch off after one hour not in use.*

*Automatic filling up of the water: a pump allows the filling up, and stops automatically when the maximum level is reached.*

- **35671 SEALING GASKET - for Andromeda and Europa**
- **35672 BACTERIAL FILTER - for Andromeda and Europa**
- **35673 VAPOR LINE STERILIZATION INTEGRATOR - for Andromeda and Europa**
- **35652 THERMAL PAPER 60 mm x 25 m**

# DISTILLER: SYSTEM OF WATER DISTILLATION

*Size Ø 20 cm x h 36 cm*

35690

- **35690 WATER DISTILLER**

The autoclaves must run with distilled or demineralised water to avoid problems on electrovalves and on internal mechanism and white traces of limestone on the sterilized tools and devices.
Distiller produces 100% distilled water in a cheap and safe way.
It produces 4 litres in about 7 hours.
It is equipped with an automatic control thermostat with block system at the end of operation.
Supplied with 6 active coal filters, 1 detergent, 1 container for produced distilled water. Operating Voltage: 220 V - 50-60 Hz.

- **35691 COAL FILTERS FOR DISTILLER - box of 12**
- **35692 DETERGENT FOR DISTILLER**

# DIGITAL SEALING MACHINES WITH/WITHOUT DOT MATRIX PRINTER

35909, 35910

- **35909 D-400 SEALING MACHINE without printer**
- **35910 D-500 SEALING MACHINE with dot matrix printer**

Continuous sealing machines for medical pouches according to DIN rules 58953-7:2010 with or without dot matrix printer. They allow a 12 mm multi-line seal and features stand-by function and automatic infeed through photocell. D-500 is equipped with **built-in printer** to print different data on the bag (sterilization/expiry dates) during the sealing process in order to provide constant control on the sterility of your instruments, especially when the paper layer of the sterilization bag is less tight, after 30 days, and consequently losing instruments sterility. Built in epoxy coated stainless steel. D-400 and D-500 are sophisticated units controlled by a microprocessor and equipped with a device to adjust temperature (displayed by LCD) and printing parameters. **The sealing pressure is automatically adjusted according to the material thickness.** It also guarantees 30 mm safety distance between seal and product, according to DIN rules. Easy to use and maintenance-free, they are the ideal solution for clinics and hospitals. Compatible for sealing with Tyvek rolls and envelopes. Made in Italy.

- **35912 INK-CARTRIDGE D-500/700 - spare part**

**TECHNICAL SPECIFICATIONS**

| | 35909 | 35910 |
|---|---|---|
| Infeed speed | 6 m/min | |
| Temperature control | by digital thermoregulator | |
| Sealing temperature | 40°÷200° C | 40°÷180° C |
| Temperature tolerance | ±5°C | |
| Seal | Multiline | |
| Seal width | 12 mm | |
| Adjustable free edge | 0 ÷ 30 | |
| Power supply | 230 V-50 Hz-single phase | |
| Absorption | 500 W | 600 W |
| Dimensions | 473x235xh 181 mm | |
| Net weight | 11.5 kg | 12 kg |

# SEALING MACHINES WITH VALIDATION SYSTEM

35915, 35916

COMPLYING WITH ISO 11607 P.2, ISO/TS 16775

- **35915 D-600 ROTARY HEAT SEALER - without printer**
- **35916 D-700 ROTARY HEAT SEALER - with printer**

With validation system complying with ISO 11607 P.2 rule. GIMA 600 and GIMA 700 have been designed to continuously monitor, during the whole sealing phase, all critical process parameters: Temperature, Speed, Pressure. They guarantee sealing in full respect of EN 868-5 / ISO 11607 P.2 rules, provide real-time monitoring of working temperature, applied force and running speed, time used during the sealing process.
All sealing data can be recorded on an external carrier which can be linked to the sealer through a USB port placed on the unit. They are controlled by a microprocessor. Operator's interface is a clear 2 line display, integrated in an ergonomic keyboard placed at the upper side of the sealer in an extremely user friendly position. Simple use, high reliability, they are the ideal solution for hospitals and clinics.
Compatible for use with Tyvek rolls and envelopes.
Made in Italy.

- **35912 INK-CARTRIDGE D-500/700 - spare**

**TECHNICAL SPECIFICATIONS**

| | 35915 | 35916 |
|---|---|---|
| Sealing width | 12 mm | 12.5 mm |
| Seal | multiline | |
| Sealing speed | 6 m/min | 8.5 m/min |
| Temperature adjustment/ tolerance | 10-200°C ± 5 °C | |
| Alarms functioning out of tolerance | yes | yes |
| Automatic stand-by | yes | yes |
| 4 key membrane keyboards | yes | yes |
| LCD display 2 lines | 6 characters | 8 characters |
| Multilanguage menu | yes | yes |
| USB port | yes | yes |
| Data storage on pendrive | yes | yes |
| Power | 230 V / 50 Hz - single-phase (on request 110 V, 60 Hz) | |
| Max electrical input: | 500 W | 500 W |
| Dimensions - Weight: | 473x235x181 mm - 12.5 kg | |

# STEAM AND DRY HEAT ADHESIVE TAPE INDICATORS

35846

35842

MEET EN ISO 11140-1 : 2014
FOR PART APPLICABLE TO TYPE 1 E1

**STEAM AND DRY HEAT TAPE INDICATORS**
Gima range of tapes is specially formulated for packing purposes as well as to show visibly that the pack has undergone a sterilization cycle. The backing of the different tapes is made of strong, semicreped, impregnated paper which gives excellent conformability during the application. Sterile tapes unwind easily and can be torn by hand without difficulty.
Special adhesives formulated to withstand high temperature and humidity ensure excellent bond to paper, plastic, nonwovens, board, metal, glass and linen.
Each tape is individually packed with due date. Made in Italy.

| TAPE INDICATOR - 50 m | Width 19 mm | Width 25 mm | Minimum order |
|---|---|---|---|
| Dry Heat Tape - hot air sterilizer | 35842 | - | 12 rolls |
| Steam Tape - autoclave | 35846 | 35847 | 12 rolls |

## D-351 SEALING MACHINE: ELECTRO-MAGNETE OPERATION

**• 35900 D-351 IMPULSE SEALING MACHINE**
Compact impulse medical sealers, conform to DIN 58953 P.7 rules, specially designed to be used in medical, dental, oculistic surgeries and test laboratories.
**Main features:** sealing and cutting length 35 cm - Safety check with alarm. Main board with temperature control to avoid overheating of the sealing wire - Sealing bars closed by electromagnet. Complete with foil-roll dispenser and built-in cutting device.

**Easy**: by the pressure of only one finger, without using levers, the bars close automatically. The electro-magnet guarantees a steady sealing pressure for the whole set period. The sealing bar opens automatically at the end of the cycle, requiring no action by the operator.
**Quick:** the electro-magnetic system allows a substantial saving of the packing time. Quick foil feeding.
**Safe:** the machine does not start the sealing cycle if there is an object with a thickness over 3 mm between the bars.
The electronic temperature control through a NTC probe provides a perfect temperature accuracy from seal to seal.
The electronic alarm function avoids any overheating.
Made in Italy.

**• 35902 TEFLON - spare** **• 35903 RESISTOR - spare**

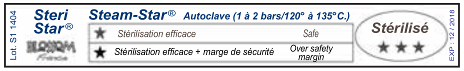
**TECHNICAL SPECIFICATIONS**
Sealed materials: paper/polyethylene/polyester
Sealing length: 350 mm
Sealing width: 8 mm as per DIN 58953-7:2010
Electronically controlled sealing time: 0.5 sec.
Cutting length: 350 mm Foil-roll dispenser 350 mm
Power: 230V- 50/60 Hz single - phase
Max absorption: 700W, only during the sealing time
Dimensions: 44x17.5x31 cm Weight: 18 kg
Built in accordance with CE Norms

## GD-301 EVO SEALING MACHINE FOR CONTINUOUS HEAT SEALING

**TECHNICAL SPECIFICATIONS**
Flat sealing 12 mm Sealing length 300 mm
Thermo controlled continuous heat sealing
Built-in cutting device
Fixed sealing temperature and sealing time
Manual actuation Power 230 V / 50-60 Hz, single phase
Electrical input: 900 W Protection degree IP 20
Sealer dimensions 452x248x146 mm
Roll-holder dimensions 458x412x242 mm

**• 35928 GD-301 EVO SEALING MACHINE - machine only**
**• 35929 GD-301 EVO SEALING MACHINE - complete**
Manual heat sealer for medical pouches and reels according to DIN 58953-7:2008. New models with **3 ceramic heater** elements for a faster and more accurate sealing and **improved infeed and outfeed guide** to keep film flat (infeed) and prevent the film moving upward inside machine.
Available in 2 versions: compact without accessories (35928) or with sealer roll holder, cutter and plane (35929)
User friendly, reliable and extremely compact, ideal in dentistry, medical and veterinary laboratories.
Sealing bar 300 mm manually actuated by a lever.
Thermo controlled continuous heat sealing, to save consumables. Compact vertical design to reduce space at the minimum. Integrated, removable roll-holder, can stand alone apart from the sealer.
Usable only with polypropylene film coupled to medical grade paper and/or plastic envelopes suitable for steam sterilization.
**• 35933 CERAMIC HEATING ELEMENTS - spare**
**• 35935 BLADES - kit of 5 - spare**

## TESTS FOR AUTOCLAVE



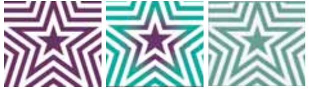
EN 867 - Class D
ISO 11140 - Class 6

*Notice "Sterilisé" and three stars drawing change colours*
**from white to dark brown** *to show safe sterilization of 121°C - 15 minutes or 134°C - 3.5 minutes*
**from white to black** *to show sterilization over safety margin 121°C - 20 minutes or 134°C - 5 minutes*

**• 35849 "STEAM STAR" INDICATOR - autoclave - box of 1,000**
Indicator for sterilization by autoclave with pressure 1 to 2 bar 120°C/135°C. No special stocking requirements. Safety and reliability.
Made in Japan.

## BOWIE & DICK TEST READY FOR USE

*Colour change from dark to green*

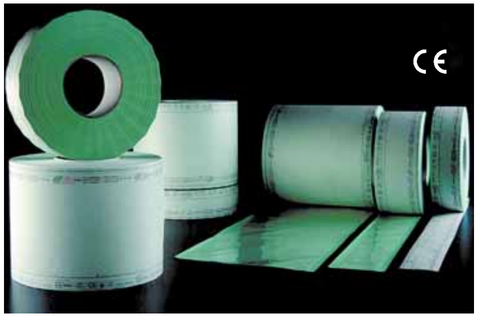


*Test sheet before sterilization* · *Test sheet after sterilization Failed test* · *Test sheet after sterilization Correct test*

**• 35853 UPSTAR - "BOWIE & DICK" - test - 14x14x0.8 cm**
The Bowie & Dick ready to use test pack is designed to control the proper functioning of steam autoclave and to test its ability to sterilize porous devices (compresses, fields, gowns, woven or non-woven,...).
- High sensitivity: detects any default.
- Easy interpretation.
- Stability of color change.
- Waterproof aluminium packaging

EN 867 - Class B
ISO 11140 - Class 2

## ROLLS FOR AUTOCLAVE, STEAM AND ETO



OTHER SIZES AVAILABLE

**FLAT ROLLS for sterilization by steam or ethylene oxide gas**
Flat rolls consist of transparent, polyester-polypropylene film coupled to medical grade paper which permit steam and gas penetration during sterilization. Steam and gas indicators provide clear colour changes when exposed to sterilization process. **Each roll is 200 m long.**

**FLAT ROLLS FOR AUTOCLAVE, STEAM AND ETO**

| GIMA code | | External m x mm | Internal m x mm | Minimum order |
|---|---|---|---|---|
| **35810** | Flat rolls | 200x50 | 200x36 | 8 rolls |
| **35811** | Flat rolls | 200x75 | 200x53 | 8 rolls |
| **35812** | Flat rolls | 200x100 | 200x78 | 4 rolls |
| **35813** | Flat rolls | 200x150 | 200x128 | 4 rolls |
| **35814** | Flat rolls | 200x200 | 200x178 | 2 rolls |
| **35817** | Flat rolls | 200x250 | 200x228 | 2 rolls |
| **35815** | Flat rolls | 200x300 | 200x278 | 2 rolls |
| **35816** | Flat rolls | 200x400 | 200x378 | 1 roll |

**GUSSET ROLLS FOR AUTOCLAVE, STEAM AND ETO**

| GIMA code | | External m x mm x mm | Internal m x mm x mm | Minimum order |
|---|---|---|---|---|
| **35871** | Gusset rolls | 100x100x25 | 100x78x25 | 4 rolls |
| **35872** | Gusset rolls | 100x150x25 | 100x128x25 | 4 rolls |
| **35873** | Gusset rolls | 100x200x30 | 100x178x30 | 2 rolls |
| **35874** | Gusset rolls | 100x250x32.5 | 100x228x32.5 | 2 rolls |
| **35875** | Gusset rolls | 100x300x40 | 100x278x40 | 1 rolls |
| **35876** | Gusset rolls | 100x400x40 | 100x378x40 | 1 rolls |

**GUSSET ROLLS for sterilization by steam or ETO**
Made with coated film PET 12/PP 40 green and 60 g medical white paper.
For sterilization of voluminous objects.
**Each roll is 100 m long.**

## FLAT AND SELF-SEAL POUCHES FOR AUTOCLAVE

**SELF-SEAL POUCHES**
**for sterilization by autoclave, steam or ethylene oxide gas**

Self-seal pouches consist of light green, polyester-polypropylene transparent film coupled to medical grade paper which permit steam and gas penetration during sterilization.
**Steam and gas indicators change colour when exposed to sterilization.**
1. Reinforced corners to prevent dust from collecting near to the opening, reducing the risk of contamination during opening.
2. The laminated transparent film complies with the German standard EN 10/204. The medical paper conforms to the following standards: DIN 58953 (German), Pharmacopoeia 589 (French), pr EN 868-3 (European) and BS 6256 (English).
3. The chevrons allow rapid and correct opening.
4. These consist of one layer of laminated transparent film (special type polyester and copolymer polypropylene) and white damp-resistant medical Kraft paper, specially designed to assure a high anti-bacterial protection.
5. The heat-sealed lines (Multiline) are highly resistant and spaced equally; the external welding runs along the entire length of the pouch.
Reels and pouches are certified and are manufactured according to international standards DIN 58953 BS 6871, EN 868-5, CN 13485

OTHER SIZES AVAILABLE
minimum 10,000 pouches

**FLAT POUCHES FOR AUTOCLAVE, STEAM AND ETO**

| GIMA code | | External mm | Internal mm | Minimum order |
|---|---|---|---|---|
| **35880** | Flat pouches | 100x300 | 78x285 | 1,000 |
| **35881** | Flat pouches | 150x200 | 128x185 | 1,000 |
| **35882** | Flat pouches | 150x250 | 128x235 | 1,000 |
| **35883** | Flat pouches | 150x300 | 128x285 | 1,000 |
| **35884** | Flat pouches | 150x400 | 128x385 | 1,000 |
| **35885** | Flat pouches | 200x300 | 178x285 | 1,000 |
| **35886** | Flat pouches | 200x350 | 178x335 | 500 |
| **35887** | Flat pouches | 200x400 | 178x385 | 500 |
| **35888** | Flat pouches | 250x400 | 228x385 | 500 |
| **35889** | Flat pouches | 250x500 | 228x485 | 500 |
| **35890** | Flat pouches | 300x400 | 278x385 | 500 |
| **35891** | Flat pouches | 400x600 | 378x585 | 500 |
| **35895** | Special size pouches | | | 10,000 |

**SELF-SEAL POUCHES FOR AUTOCLAVE, STEAM AND ETO**

| GIMA code | | External mm | Internal mm | Minimum order |
|---|---|---|---|---|
| **35860** | Self-seal pouches | 90x165 | 68x150 | 1,800 |
| **35861** | Self-seal pouches | 90x230 | 68x215 | 1,800 |
| **35862** | Self-seal pouches | 140x250 | 118x235 | 1,200 |
| **35863** | Self-seal pouches | 190x330 | 168x315 | 1,200 |
| **35864** | Self-seal pouches | 190x400 | 168x385 | 1,200 |
| **35866** | Self-seal pouches | 300x450 | 278x435 | 400 |

## BOWIE DICK TEST PACK

*Package and manual in: GB, IT, ES, FR, PT, GR, DE.*

*Dimensions: 123x123x16 mm*

**• 35950 BOWIE DICK TEST PACK - box of 20 pcs**
Used for daily monitoring of pre-vacuum steam sterilizer. Based upon the Bowie Dick test result the steam sterilizer is released for usage during the day. The Bowie Dick test detect failures like air leaks, insufficient vacuum, inadequate steam penetration.
- fulfill requirements of EN 285 and ISO 17665
- conform to ISO 11140 - 4 Type 2 / EN 867 - 4 class B
(EU standard 7 kilo)
- independently tested to show performance similar to original pack
- clear blue - violet colour change
- easy to interpret and document
- non-Toxic / lead free

## TYPE 5 MOVING FRONT

*Conform to ISO 11140 - type 5*

*User manual: GB, IT, FR, ES,*

*Non-toxic / lead free*

**• 35952 TYPE 5 MOVING FRONT INTEGRATOR box of 1,000 pcs**
Moving front integrators 134 °C - 3.5 min are giving you the best interpretation possible in case of any failure in your steam sterilization cycle. If temperature is not reached or holding time was too short the dark colour will not reach the accept area.
- shelf life: 5 years after production
- packed in white aluminium re.closable bags
- very easy interpretation of result
- complete indicator area sealed of by foil

## TYPE 4 STEAM INDICATOR

**• 35954 TYPE 4 MULTI-VARIABLE STEAM STRIPS - box of 250 dual strips**
Type 4 multi-variable steam indicator strips are designed to be used in steam sterilizers operating at 134 °C - 3.5 min. The indicator strips will provide assurance of steam penetration into the packs. The water based, non-toxic chemical indicator in compliance with ISO 11140-1 will show a clear colour change from blue to black after successful steam sterilization. Test indicator strips are cost effective and can be divided into two separate pieces for economical use.

## TYPE 6 STEAM INDICATOR

**• 35955 TYPE 6 EMULATING STEAM STRIPS - box of 250 strips**
Type 6 emulating steam indicator strips are designed to be used in steam sterilizers operating at 121 °C - 15 min and 134 °C - 3.5 min. The cycle verification indicators can be used in every pack and will provide assurance of steam penetration into the packs and presence of all critical parameters of steam sterilization cycle.
The water based, non-toxic chemical indicator in compliance with ISO 11140-1 will show a clear and accurate colour change from blue to lilac after successful steam sterilization.

## BOWIE DICK HELIX TEST

*Includes: cotton bag, helix device (tube 1.5 m), 100 tests and user manual GB, FR, IT, ES.*

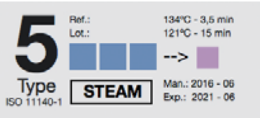
**• 35951 BOWIE DICK HELIX TEST PACK - box of 100 pcs**
Helix devices and their indicators have proven that they detect failures during each cycle much earlier than other chemical indicators / integrators. The EN 285: 2009 are specifying the Helix test (Hollow A) to be used as Bowie Dick Test as well as Batch Monitoring when hospitals are sterilizing hollow loads, Next to that this Bowie Dick Helix Test is an obligatory test for class B Bench Top Steam sterilizers.
- conform to ISO 11140 - 1 Type 2 - EN 867 part 5 class B
- clear transition of color into pink
- easy to interpret and document
- non-Toxic / Lead Free
- PCD guaranteed for 500 Cycles (134°C - 3,5 min)

## TYPE 5 STEAM INDICATOR

*Conform to ISO 11140 - type 5*

*Package and manual in: GB, IT, FR, ES, PT, GR, DE*

*Non-toxic / lead free*



**• 35953 TYPE 5 STEAM INTEGRATOR - box of 500 pcs**
Integrators can be used in addition to the batch control Helix which allow to release load. It allow to re-affirm sterilization condition inside trays or containers.
SV: 134 °C - 3.5 min / 121 °C - 15 min
- shelf life: 5 years after production
- packed in an easy dispensing carton
- clear colour transition from blue into pink of lacquer covered indicator

## TYPE 5 EO INDICATOR

**• 35956 ETHYLENE OXIDE STRIPS - box of 250 dual strips**
Type 5 Ethylene Oxide (EO) indicator strips are designed to be used at E.O. sterilizers in compliance with ISO 11135. The indicator strips can be used in every pack and will provide assurance of E.O. gas penetration into the packs. The water based, non-toxic chemical indicator in compliance with ISO 11140-1 will show a clear colour change from white to yellow after successful sterilization. Test indicator strips are cost effective and can be divided into two separate pieces for economical use.

## SEAL CHECKER

*Dimension: 175x75*

*Suitable for all rotary heat sealers*

**• 35957 SEAL CHECKER - box of 250 pcs**
The ISO-11607 standard is specifying a routine, daily check of your heat sealers.
The seal checker is a way to perform the test required and to document which sealer, which day, which person did perform the test and to easily show results of your heat sealer capacity of properly heat seal your pouch.
When place inside a pouch and seal, the sealed area will be darker and can be easily read whether the seal is consistent, regular and completely without any gaps.

## PILL MANAGERS

**PILL PULVERIZERS**
See page 81.

## SURGICAL CLIPPER

**SURGICAL CLIPPER**
See page 42.

## ELECTROSURGERY

**ELECTROSURGICAL UNITS**
See page 181-186.

## EXAMINATION LIGHTS

**HALOGEN AND LED EXAMINATION LIGHTS**
See page 199-205.

## VET PRODUCTS

■ **CLOGS**
See page 24-25

■ **TOURNIQUETS**
See page 56

■ **SCALPELS and BLADES**
See page 41

□ **THERMOMETERS**
See page 75-78

■ **VET BAGS**
See page 57-60

■ **TROLLEYS**
See page 113-123

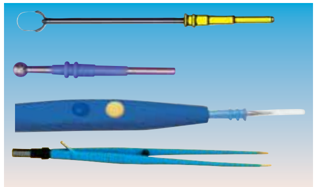
■ **BANDAGES, GAUZES, PLASTERS**
See page 336-342

■ **BARRYCIDAL 30 PLUS DISINFECTANT**
See page 351

## SUTURES

**SUTURES AND SKIN STAPLER DEVICE**
See page 39-40.

## ELECTROSURGERY

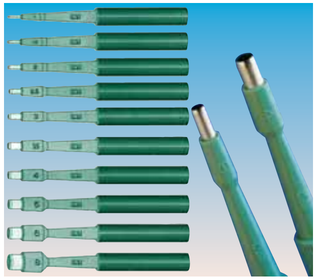


**ELECTROSURGERY ACCESSORIES**
See page 187-192.

## 3M LITTMANN® STETHO

**3M LITTMANN® CLASSIC II**
**3M LITTMANN® CARDIOLOGY**
See page 235-238.

## BIOPSY PUNCHES



**BIOPSY PUNCHES**
**DERMAL CURETTES**
See page 42.

## SUCTION UNITS

**SUCTION UNITS**
See page 161-164.

## HEADLIGHTS

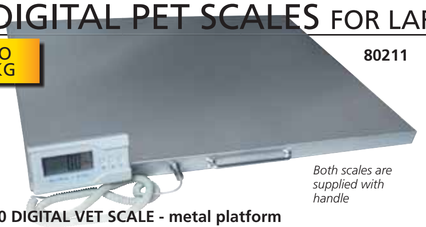
**HEADLIGHTS**
See page 195-198.

## SURGEON BRUSHES

**SCRUB KIT**
**CHLOREXIDINA SCRUB KIT**
**IODO-POVIDONE SCRUB KIT**
See page 350.

## DIGITAL PET SCALES FOR LARGE AND SMALL ANIMALS

UP TO 300 KG


80211

*Both scales are supplied with handle*

- **80210 DIGITAL VET SCALE - metal platform**
- **80211 DIGITAL VET SCALE - stainless steel platform**

High reliable and professional full electronic scale. Robust platform with a separate LCD digital display. Overload and low battery function. Switchable kg/lb/st. Made in Europe.

- **80216 AC POWER**

**TECHNICAL SPECIFICATIONS**

Capacity/Sensitivity: 300 kg / 100 g
Minimum measurable: 2 kg
Platform size: 600x800 mm
Power: 9 V alkaline battery

*Manual in DE, GB, FR, ES, IT, GR, CZ.*

*Taring functions switchable to kg/lb*

- **27266 SOEHNLE 8320 FOLDABLE SCALE**
- **27271 CARRYING BAG**

Foldable scale with magnetic lock for easy transport.

**TECHNICAL SPECIFICATIONS**

Capacity: 15 kg
Sensitivity: 10 g
Dimensions: 395x315x105 mm (closed) - 740x315x53 mm (open)
Alkaline battery 2x1.5V AAA - not included
Weight: 1.9 kg
Warranty: 2 years
Made in Germany

- **27258 DIGITAL PET SCALE - medium**
- **27259 DIGITAL PET SCALE - large**

Precise full electronic multifunctional scale, designed for measuring your pet's weight available in two sizes. Quality product with very competitive price. Minimal measuring weight: 2 kg. Made in Europe.

*Tray 530x290 mm*

*Lb/kg/st switchable by user*

*LCD display 25 mm*

*Overload and low battery indication*

*Tare and automatic hold functions*

- **27261 DIGITAL SMALL PET SCALE**

**TECHNICAL SPECIFICATIONS**

| | | |
|---|---|---|
| Capacity/Sensitivity: | 20 kg / 10 g (27261) - 100 kg / 100 g (27258-27259) | |
| Minimum measurable weight: | 20 g (27261), 2 kg (27258-27259) | |
| Dimensions: | 355x635 mm (27258) - 620x830 mm (27259) | |
| Lithium battery: | included | Automatic switch-off |

## DIAGNOSTIC AND OPERATIVE VETERINARY TABLES

*Pack size: 121x15x90 cm*
*Size: 120x58xh 85 cm*
*Weight: 23 kg*
*Load: 60 kg*

- **80300 VETERINARY EXAMINATION TABLE**

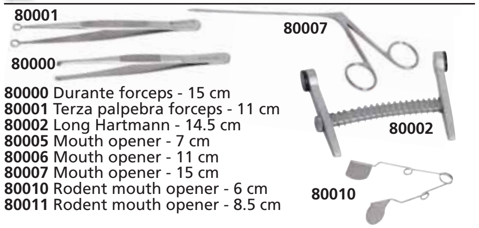
Veterinary operating table with enamelled tubular steel frame, with AISI 304 15/10 stainless steel top with hole and a liquid tray holder underneath. Lateral hook to immobilize animals. Made in Italy.

*Size: 118x56xh 85/102*
*Weight: 48 kg*
*Max load: 90 kg*

- **80301 VETERINARY OPERATION TABLE**

Veterinary operating table with electric lift (82/102 cm), baked enamelled steel tubular frame and AISI 304 stainless steel top (120x56 cm) with hole and a liquid bucket holder underneath. Manual Trendelenburg 15° and Antitrendelenburg up to 15°. Lateral hook to immobilize animals. Made in Italy.

## S/S INSTRUMENTS



**80000** Durante forceps - 15 cm
**80001** Terza palpebra forceps - 11 cm
**80002** Long Hartmann - 14.5 cm
**80005** Mouth opener - 7 cm
**80006** Mouth opener - 11 cm
**80007** Mouth opener - 15 cm
**80010** Rodent mouth opener - 6 cm
**80011** Rodent mouth opener - 8.5 cm

## URINE STRIPS

- **24100 VETERINARY URINE STRIPS - 11 parameters - bottle of 100 strips**

For examination of glucose, ascorbic acid, ketones, protein, ph-value, blood, nitrite, leukocytes, specific gravity, bilirubin, urobilinogen. Each box includes a manual for interpretation of results in each of the following animal: horse, pig, cattle, sheep, goat, dog, cat, bunnie and guinea pig. Made in Germany by Analyticon.

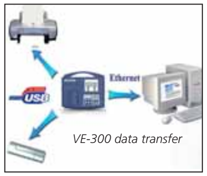
*Performes highest quality standard. Made in Germany*

## VETERINARY ECG - 1 OR 3 CHANNEL

- **33305 VE-100 - 1 channel ECG**
- **33306 VE-300 - 3 channel ECG**
- **33336 ECG-Viewer software (GB, IT, FR, ES, RU, PT, PL, TU) for 33306**
- complete digital design
- LCD display waveforms, parameter configuration
- high resolution thermal printer
- built in rechargeable Li-Ion battery for 6.5 hours use (AC/DC supply)
- complete digital filter, avoid baseline drift, AC, EMG interfere
- baseline automatically adjustable, optimizes printing position
- selectable auto/manual operation

**Features of VE-300 only**

- 12 leads simultaneous acquisition
- automatic ECG parameter measurement and analysis
- support USB ink-jet printer for 12 leads printing
- 120 patient data storage and transfer by USB flash disk, Ethernet or series port
- review and management of ECG data on Window PC with software (optional 33336)



*VE-300 data transfer*

Internal software: GB, IT (33305/6), DE, FR, ES (33305 only)

- **32963 THERMAL PAPER ROLL 50mm x 25m for 33305**
- **32964 THERMAL PAPER ROLL 80mm x 25m for 33306**
- **33318 RE-CHARGEABLE LITHIUM BATTERY 2200 mAh**
- **33319 5-LEAD VETERINARY ECG CABLE - spare**

**STANDARD ACCESSORIES**

5-lead veterinary ECG cable (Ø 4 mm, banana connector, IEC)
Veterinary clip electrodes (set of 5, match Ø 3-4 mm ECG cable)
1 Paper roll
Rechargeable lithium battery (2,200 mAh)
Manual: GB, IT - on request FR, ES, DE

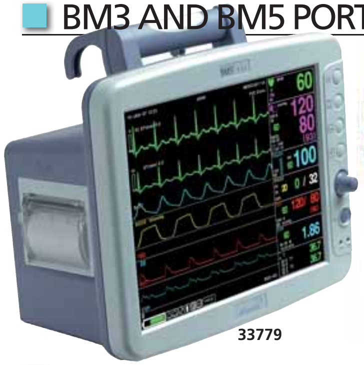
33306

*192x64 pixel LCD*

**TECHNICAL SPECIFICATIONS**

| | 33305 | 33306 |
|---|---|---|
| Lead | standard 12 lead | |
| Acquisition mode | One lead | 12 leads simultaneously |
| Frequency response | 0.05 Hz ~ 150 Hz | |
| Sensitivity | 2.5, 5, 10, 20 (mm/mV) | |
| Input impedance | ≥ 50 MΩ (10 Hz) | |
| Filter | EMG Filter 35 Hz (-3dB)<br>AC/DFT Filter 50/60Hz (-20dB) | EMG Filter 25/35/45Hz / OFF<br>DFT Filter 0.05/0.15/0.25/ 0.32/0.5/0.67 Hz<br>Low pass Fliter 150/100/75 Hz<br>AC Filter on/off |
| Recording mode | Auto/Manual | Auto/Manual/Rhythm/OFF/USBPRT |
| Safety standard | IEC I/CF | |
| Power supply | AC: 100-115 V, 220-240 V, 50/60 Hz<br>Built-in rechargeable Li-ion battery: voltage 14.8 V<br>More than 6.5 hrs, continuously operation under battery supply | |
| Thermal paper | 50 mm x30 m | 80 mm x20 m |
| Paper speed | 25/50 mm/s (± 3%) | 5/6.25/10/12.5/25/50 mm/s (± 3%) |
| Size | 300x260x75 mm | |
| Weight | 2.3 kg (with battery) | 2.5 kg (with battery) |
| Display | 192x64 pixel LCD | 192x64 pixel LCD |
| External input/output | Input: ≥100 kΩ; Sensitivity: 10 mm/V ± 5%<br>output: ≤100 kΩ; Sensitivity: 1 mm/V ± 5% | |
| Communication interface | RS232 | Ethernet, RS232, USB |

## BM3 AND BM5 PORTABLE MULTIPARAMETER VET MONITORS


33779

*3-lead ECG clip*

*$SpO_2$ sensor*

- **33719 BM3 VET MONITOR - 7" TFT display**
- **33779 BM5 VET MONITOR - 10.4" TFT display**

Versatile, portable, lightweight, BM monitors are designed to be used in veterinary environment.
Compact design and handle make it easy to move.
Colour monitor displays all vital signs in different colours for easy recognition.
A built in printer offers hard copy documentation of all measured values.
Alarms and settings are easily adjustable.
See all specifications and accessories at page 290, 293.

- **33772 RECTAL TEMPERATURE SENSOR - 2.75 m cable**
- **33741 EXACON RECTAL TEMPERATURE SENSOR - 2.75 m cable**

ECG+$SpO_2$+NIBP
+RESP+TEMPERATURE
+2IBP (only 33779)

## VETERINARY DOPPLER

- **80600 GIMA VET DOPPLER - FIXED 8 MHz probe**

New doppler for detecting blood flow in small peripheral vessels with its unique 8 MHz probe ideal for veterinary practitioners for routine blood pressure measurement on pets. Flow signals are easily located using the lightweight narrow beam transducer while internal signal processing minimizes noise artefacts.

**TECHNICAL SPECIFICATIONS**

**Ultrasound**
Frequency: 8 MHz continuous wave
Transducer: 2 crystal narrow beam
Output power: <15 mW/cm² SATA
Audio Response: 300 Hz - 4 kHz

**Unit Controls**
Keys: 1 key (for unit on/off)
Controls: rotary volume
Indicators: yellow battery low LED

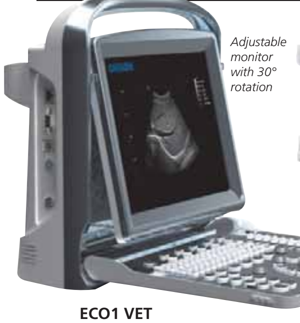
**Power supply**
Battery 9V Alkaline (not included)
Expected battery life: >9 hours

**Output**
Headset: Audio output for optional headset (not included)
Material: ABS / Noryl
Size: 150x75 mm
Weight: 299 g (with transducer)
Classification: Class I Type B - IEC 60601-I

TOP QUALITY:
MADE IN UK
3 YEARS
WARRANTY

80600

# CHISON ECO1 AND ECO3EXP. VET DIGITAL ULTRASOUND SYSTEMS



ECO1 VET

ECO3EXP. VET
*With PW (pulse doppler)*

- **33994 CHISON ECO1 VET with 1 probe connector without probe**
- **33995 CHISON ECO3EXP. VET with 2 probe connectors without probe**

- ultra-compact and ultra-light weight, easy to carry
- latest LED screen technology, super bright images allow to easily view scan even outdoor.
- ergonomic monitor design, 30 degree rotation, adjustable.
- ultra-long battery life up to 2 hours, for outdoor scanning
- one-key to enlarge image to full screen, easy to view from distance
- streamlined workflow, easy to operate, 6-one-key to finish the cycle of diagnosis.

**Display modes and imaging processing**
B, B/B, 4B, M, B/M, PW (ECO3EXP. only) multi-frequency imaging

**Imaging processing**
- compound Imaging
- I-image intelligent image optimization
- THI (Tissue Harmonic Imaging)
- SRA (Speckle Reduction Algorithm)
- full digital beam-former
- full screen display
- trapezoidal
- automatic PW trace (ECO3EXP. only)
- Chroma
- AIO (Automatic Image Optimization)

**User interface**
- fold-up control panel and alphanumeric keyboard
- back-lit keyboard for good visibility in dark room
- interactive back-lighting
- indicator lights identify activated keys
- 8 TGC slides for easy adjustment
- short cut knob for quick adjustment (hot key user- defined)
- neat and clear keyboard layout, doctor can remember easily
- user defined preset

**Streamlined workflow,** one key to:
- select desired application with automatic preset
- optimize the image automatically (AIO)
- save still image and CINE loop
- print to PC printer* (laser or inkjet) or video printer
- Make report
- Measure

**See list of compatible printers on our website*

**EASYVIEW™ Archive system**
- image archive on hard disk and USB mobile storage
- 3 USB ports
- multiple image formats: BMP, JPG, DCM, CIN, AVI
- cine review: auto, manual (auto review segment can be set) for 2D, M, PW (ECO3EXP. only) images
- cine memory capacity (256 frames/10s)

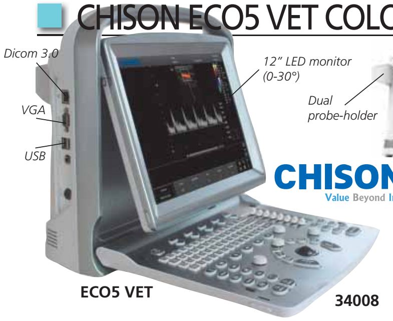
| STANDARD PACKAGE | ECO1 | ECO3EXP. | ECO5 |
|---|---|---|---|
| 12" high resolution LED monitor - B&W | ● | ● | |
| 12" high resolution LED monitor - colour | | | ● |
| 8G memory card | ● | ● | ● |
| Hot Key | ● | ● | ● |
| PC printer connection | ● | ● | ● |
| 3 USB port | ● | ● | ● |
| 1 ethernet port | ● | ● | ● |
| 1 video out port, 1 VGA out port | ● | ● | ● |
| 1 footswitch port | ● | ● | ● |
| Full screen display | ● | ● | ● |
| 2 hours rechargeable lithium-ion battery | optional | ● | ● |
| Power adaptor | ● | ● | ● |
| Standard software package | ● | ● | ● |
| Easy View image archive system | ● | ● | ● |
| THI | ● | ● | ● |
| PW (doppler function to detect blood flow speed) | | ● | ● |

**TECHNICAL SPECIFICATIONS**
Dimension and weight: 33.5x15.5xh 35 cm (13.2"x6.1"xh 13.8"); 6 kg
Display: 12" LED, high resolution 1,024x768
Power: AC 100-240 V - 50/60 Hz
rechargeable lithium-ion battery (ECO1 option, ECO3EXP. standard)

| | LANGUAGE - switchable by user | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | GB | IT | FR | ES | DE | CZ | TR | CN | RU |
| Software | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| User manual | ● | ● | * | | | | | * | |

**On request*

# CHISON ECO5 VET COLOUR DOPPLER DIGITAL ULTRASOUND SYSTEM



ECO5 VET

34008

- **34008 CHISON ECO5 VET Colour Doppler 12" high resolution colour LED monitor, 8G high speed memory, 3 USB ports, 2 probe connectors, EASYVIEW™ archive system, without probe**

**Imaging model: B, B/B, 4B, B/M, M, CFM, PW**

**Imaging processing:**
- MCI (Multiple Compound Imaging)
- i-image intelligent image optimization
- THI (Tissue Harmonic Imaging)
- SRA (Speckle Reduction Algorithm)
- full digital beam-former
- trapezoidal
- automatic PW trace
- Chroma
- full screen display model
- AIO (Automatic Image Optimization)

**Other specifications** as ECO3EXP.

**TECHNICAL SPECIFICATIONS**
Dimension and weight: 33.5x15.5xh 35 cm (13.2"x6.1"xh 13.8"); 6.5kg
Display: 12" LED, high-resolution colour 1,024x768
Power: AC 100-240 V, 50-60 Hz
Rechargeable lithium-ion battery

# PROBES AND ACCESSORIES FOR CHISON ECO SERIES

| PROBES ECO1 - 3 - 5 | | | FREQUENCY(MHz) | | ● Main application | | | | |
|---|---|---|---|---|---|---|---|---|---|
| GIMA code | CHISON code | Scanning method | Main freq. | Probe band width | CANINE | FELINE | OVINE | EQUINE | BOVINE |
| **33998** | C3-A | Convex | 3.5 | 2.5 - 5.0 | | | ● | ● | ● |
| **33999** | L7M-A | Linear* | 7.5 | 5.3 - 10.0 | ● | ● | ● | ● | ● |
| **33871** | L7S-A | Linear** | 9.0 | 5.3 - 11.0 | ● | ● | ● | ● | ● |
| **34000** | L7V-A | Trans-rectal | 7.5 | 5.3 - 10.0 | | | ● | ● | ● |
| **33997** | MC6-A | Micro-convex | 6.0 | 4.5 - 8.0 | ● | ● | | | |
| **33874** | MC3-A | Micro-convex | 3.0 | 2.5 - 5.0 | ● | ● | ● | ● | ● |

**With 40 mm footprint, general linear probe*
***With 30 mm footprint for superficial tissue exams with higher resolution*

| GIMA code | ECO SERIES ACCESSORIES |
|---|---|
| **33869** | Rechargeable lithium-ion battery BT-2500 (2.5 hours) |
| **33867** | ECO trolley TR-9000 |
| **33868** | Carrying case |
| **33866** | Needle guided brackets - specify for which probe (available for 33998-9, 33874 only) |
| | **PRINTERS** |
| **33968** | SONY UP-X898 MD B&W printer (for ECO1 and ECO3EXP.) |
| **33993** | SONY UP25MD colour printer(for ECO5) |

34008 + 33867

# HANDHELD VET PULSE OXIMETER

34346

- **34343 OXY 100 VET PULSE OXIMETER**

OXY 100 Handheld Pulse Oximeter can measure oxygen saturation ($SpO_2$) and Pulse Rate (PR) by placing the sensor on a certain part of the animal, such as tongue, ear, leg or tail. It also provides plethysmogram, bar-graph and Perfusion Index display.
- lightweight, small and easy to handle
- data storage with trend review
- two options for measurement on: thin tissue: such as tongue, ear. thick tissue: such as leg, tail.
- up to 384 hours of data memory (with 1/2/4/8 sec. recording interval)
- audible & visual alert for over-limits (limits are adjustable).

Tested for cats and dogs. Not suitable for big or very small animals. See technical specifications page 297
Oximeter is supplied with universal "Y" type $SpO_2$ probe and three types of adapters: big clip, small clip and rubber wrapper. Each of these adapters allows a different measuring respectively on tongue, ear, leg or tail.

- **34346 UNIVERSAL "Y" type $SpO_2$ probe - spare** includes 3 probe adapters (big clip, small clip, rubber wrapper).

# VET ELECTRONIC SPHYGMOMANOMETER AND $SpO_2$

**TECHNICAL SPECIFICATIONS SPHYGMO**
Measurement method: oscillometric
Measurement range: 0-38.67 kPa (0-290 mmHg)
Resolution: 1 mmHg
Accuracy: static pressure: ±0.4 kPa (±3 mmHg)
Inflation - Deflation: automatic inflation - automatic multistep deflation
Display: 2.8" colour LCD screen
Power: four "AA" batteries or optional power adapter
Safety: class II device type BF applied part
Dimension - Weight: 130x110x80 mm - 300 g

- **80550 VET ELECTRONIC SPHYGMOMANOMETER**

Electronic sphygmomanometer with fully automatic measurement of animals blood pressure and large, high definition colour LCD display.
- data storage for up to 100 groups of data with date and time
- automatic one-touch operation
- alarm function with possibility to set alarm limits
- dual scales: kPa and mmHg
- selection of five cuff sizes: small, small/medium, medium, large, X-large
- automatic power off
- optional $SpO_2$ probe with clip for tongue or ear

Supplied with medium cuff (10-19 cm) and multilanguage manual (GB, FR, IT, ES, PT)

30557

**TECHNICAL SPECIFICATIONS $SpO_2$**
$SpO_2$ range: 0-100% (resolution 1%)
$SpO_2$ accuracy: 70%-100%: ± 2%
PR range: 30bpm-250bpm, (resolution 1bpm)
PR accuracy: ± 2bpm or ± 2% (select larger)

| GIMA code | ACCESSORIES |
|---|---|
| **80556** | Power adaptor |
| **80557** | $SpO_2$ probe - optional |
| **80558** | Extension cable for 80557 |

| GIMA code | CUFFS | Size | Suitable for |
|---|---|---|---|
| **80551** | Small | 6-11 cm | Cats, baby dogs,... |
| **80552** | Small/medium | 10-19 cm | Small dogs, fox, sheep... |
| **80553** | Medium | 18-26 cm | Baby horses, baby pigs, big dogs, deers |
| **80554** | Large | 22-32 cm | Horses, pigs, puma, baby bears, lions |
| **80555** | X-Large | 33-47 cm | Bears, lions, tigers |

# VET STETHOSCOPE

- **32545 REGALITE VET - black**

Top quality single head stethoscope. Patented multi-frequency "ring-o-raised™" diaphragm system. Chromed plated chestpiece with "SUPERFLEX" inner spring binaural and 1 piece moulded PVC, latex free, tubing 90 cm long. Supplied in deluxe box, with spare soft eartips and one spare diaphragm.

32545

# DIGITAL THERMOMETERS

25588

- **25588 VET RECTAL THERMOMETER**

Designed to be ergonomically correct for animals. Setting for pets, pigs, cattle and other animals.

- **80450 VET DIGITAL THERMOMETER - flexible tip**

LCD size 15x7 mm

- **80455 THERMOFOCUS® ANIMAL NON CONTACT THERMOMETER**

Infrared non contact thermometer allows to take pet's body temperature at distance from its eye. MQCS function allows manual calibration in case veterinary is moving to different environments. Thermofocus® animal is suitable for all animals and is multipurpose (can take temperature of liquid, food, ...). Made in Italy.

| TECHNICAL SPECIFICATIONS | 25588 | 80450 | 80455 |
|---|---|---|---|
| Measurement range: | 32~44°C | 32~42.9 °C | 32~43.5 °C |
| Accuracy: | ± 0.1 °C (35~39°C) | ± 0.1 °C | ± 0.2 °C (36~ 39°C) |
| Battery life is approx. | 5,000 readouts | | 10,000 readouts |
| Dimension: | 190x110x35 mm | 138x21x10 mm | 165x40x22 mm |
| Battery: | 2x1.5V AAA | 1.5V LR41 | 4x1.5 V AAA |
| Measurement time: | | 60 sec. | instantaneous |

80455

*Sold in blister*

# MD SCOPE VET VIDEO OTOSCOPE

**MD SCOPE VET VIDEO OTOSCOPE**

**Instant View**

A clear and sharp image can be acquired and displayed instantly on a built-in screen.

Just press a single button and wait for 3 seconds.

**Real Time Interaction**

The medical image can be captured and displayed simultaneously on TV monitor or downloaded to Mac/PC system.

**Electronic medical record**

A medical image is automatically generated to support most of the stand-alone health information system.

Probes and accessories at page 208.

**TECHNICAL SPECIFICATIONS**

2.4“ colour LCD display
Video out port
Size/weight: 8x20 cm (2.5“x8“) - 218 g
Battery lifespan: 4 hours

- **32164 VET MD SCOPE PACK 3 cameras**
  - 3 camera probes 75/150/300 mm
  - image dongle
  - cable set
  - 2 AA alkaline batteries
- **32175 CRADLE**

32175

# HEINE VET OTO AND OPHTHALMO

F.O. XHL
XENON HALOGEN TECHNOLOGY

80500

- **80500 BETA OTOSCOPE SET 2.5 V - G-112.10.118**
Set complete with slit illumination head, 1 set long closed metal specula (57x4,65x6,90x7 mm), 1 spare bulb, hard case.
- **80501 BETA 200 VET F.O. XHL OTO-OPHTHALMO SET 2.5 V - G-151.10.118**
Set complete with:
  - Beta 200 ophthalmo, Beta 200 vet otoscope
  - 3 reusable Sanalons vet specula 61x Ø 4/6/9 mm
  - 1 spare bulb for each instrument
  - zipper case
- **31772 HEINE 077 OTOSCOPE BULB 2.5 V - spare**
- **31781 HEINE 069 OPHTHALMOSCOPE BULB 2.5 V - spare**

80501

# VET OTOSCOPES, OPHTHALMO AND DIAGNOSTIC SETS

*Open otoscope head is supplied with codes 31422, 31424, 31425*

31424

31422

31425

- **31442 PARKER VETERINARY OTOSCOPE**
Includes: kit of 3 reusable plastic cannulas (31447)
- **31424 XENON HALOGEN DIAGNOSTIC SET**
Includes: xenon halogen open otoscope head+handle, xenon-halogen ophtalmoscope head, kit of 5 reusable plastic cannulas (31451), metal tongue depressor holder illuminator, nasal specula

**Rechargeable battery handle 2.5V**

All sets have 2.5V handle for use with 2xC batteries or rechargeable batteries (34479)

- **31422 XENON HALOGEN OTOSCOPE SET**
Includes: xenon-halogen open otoscope head+handle, kit of 5 reusable plastic cannulas (31451), kit of 3 reusable plastic cannulas (31447)
- **31425 XENON HALOGEN DIAGNOSTIC SET** metal cannulas
Includes: xenon-halogen open otoscope head+handle, xenon-halogen ophtalmoscope head, kit of 3 reusable metal cannulas + 2 metal specula (31453)

31447

31451

31453

*Easy adjustable with finger clip*

31454

| GIMA code | VETERINARY SETS AND ACCESSORIES |
|---|---|
| 31451 | Kit of 5 reusable plastic cannulas (Ø 2.5, 3.5, 4.5, 5.5, 9 mm) |
| 31447 | Kit of 3 reusable plastic cannulas (Ø 4,5, 7 mm) |
| 31453 | Kit of 3 reusable metal cannulas (Ø 4,5, 6 mm) + 2 slotted metal specula (Ø 7.5, 9.4 mm) |
| 31454 | Nasal specula |
| 31478 | Xenon halogen otoscope bulb 2.5 V |
| 31479 | Xenon halogen ophthalmoscope bulb 2.5 V |
| 31449 | Standard otoscope bulb vacuum 2.5 V for 31442 |
| 31542 | Charging station |
| 34479 | Rechargeable NimH battery 2.5 V / 3000 mAh |
| 31429 | Swivel lens 2X for Vet oto sets 31422, 31424, 31425 |

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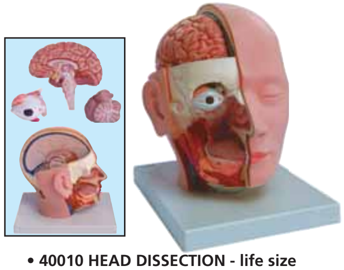
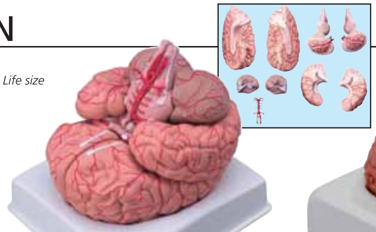
# HEAD AND BRAIN



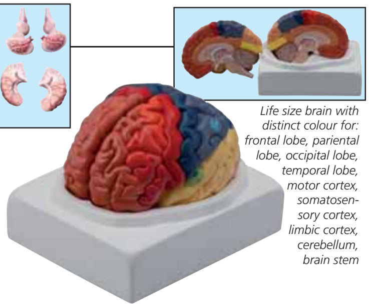
- **40010 HEAD DISSECTION - life size**
Size: 18x25x23 cm - 140 g - 4 parts - 1X



*Life size*

*Can be divided into 9 parts showing the temporal and occipital lobes, the frontal and parietal lobes, the cerebellum, the brain stem and basilary artery*

- **40020 BRAIN WITH ARTERIES**
Size: 16x18x16 cm - 1 kg - 9 parts - 1X



*Life size brain with distinct colour for: frontal lobe, pariental lobe, occipital lobe, temporal lobe, motor cortex, somatosensory cortex, limbic cortex, cerebellum, brain stem*

- **40021 REGIONAL BRAIN**
Size: 20x17x15 cm - 1.3 kg - 2 parts

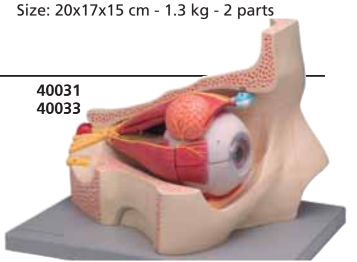
# SENSE ORGANS: EYE AND EAR

40041-40042

*These models show the external, middle and inner ear. The eardrum with malleus, incus and stapes are removable. Also cochlea and labyrinth with vestibular and cochlear nerves and 2 bones sections (40042 only) that define the middle and inner ear are removable.*

| GIMA code | EAR SIZES | Kg | Parts | Mag |
|---|---|---|---|---|
| 40041 | 33x23x21 cm | 1 | 3 | 3X |
| 40042 | 33x23x21 cm | 2 | 5 | 3X |

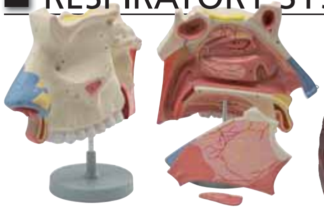
*Cornea, iris, lens and vitreous body can be removed.*



*Models show the eye ball with optic nerves and muscles in its natural position in the bony orbit*

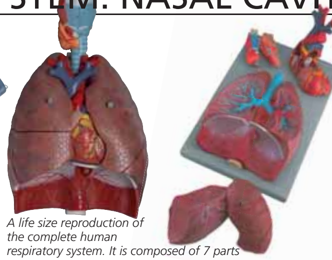
| GIMA code | EYE WITH ORBIT SIZES | Kg | Parts | Mag |
|---|---|---|---|---|
| 40030 | 15x17x27 cm | 0.9 | 6 | 6X |
| 40031 | 42x30x31 cm | 3.2 | 4 | 5X |
| 40033 | 42x30x31 cm | 3.4 | 11 | 5X |

# RESPIRATORY SYSTEM: NASAL CAVITY, LARYNX



*3x life size, the model shows a medial section of the nasal cavity. The nasal septum and part of the olfactory epithelium are removable to show deep internal structures.*

- **40056 NASAL CAVITY**
Size: 15x20x30 cm - 1 kg - 3 parts - 3X
Mounted on base with stand.

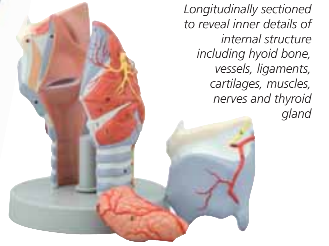


*A life size reproduction of the complete human respiratory system. It is composed of 7 parts showing the larynx (dissected along the sagittal plane), the lungs (dissected along the frontal plane) and a 2-part heart.*

- **40050 RESPIRATORY SYSTEM**
Size: 26x40x12 cm - 1.3 kg - 7 parts life size

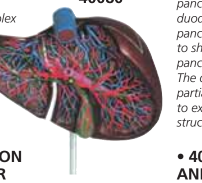
- **40058 LARYNX**
Size: 18x11x8 cm - 450 g - 5 parts - 2X
Mounted on a base with stand.

*Longitudinally sectioned to reveal inner details of internal structure including hyoid bone, vessels, ligaments, cartilages, muscles, nerves and thyroid gland*



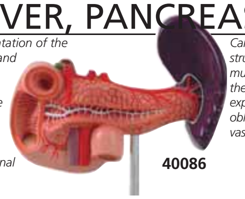
# DIGESTIVE SYSTEMS: LIVER, PANCREAS, STOMACH

*This model, 1.5x life size, shows the liver and gallbladder in open section with the complex network of vessels and bile ducts, displayed in different colours to clarity and ease of examination.*


40080

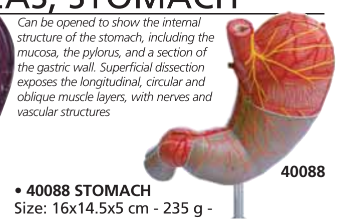
- **40080 LIVER SECTION WITH GALLBLADDER**
Size: 28x27x14 cm - 880 g - 1 part - 1.5X
Mounted on a base with stand.

*Accurate representation of the pancreas, spleen and duodenum. The pancreas is open to show the entire pancreatic duct. The duodenum is partially dissected to expose its internal structure.*


40086

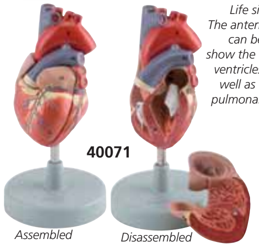
- **40086 PANCREAS, DUODENUM AND SPLEEN**
Size: 16x15x23 cm - 350 g - 1 part - 1X
Mounted on a base with stand.

*Can be opened to show the internal structure of the stomach, including the mucosa, the pylorus, and a section of the gastric wall. Superficial dissection exposes the longitudinal, circular and oblique muscle layers, with nerves and vascular structures*


40088

- **40088 STOMACH**
Size: 16x14.5x5 cm - 235 g - 2 parts - 1.5X
Mounted on a base with stand.

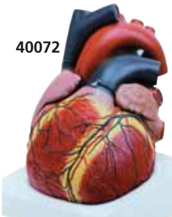
## HEART AND CIRCULATORY SYSTEM



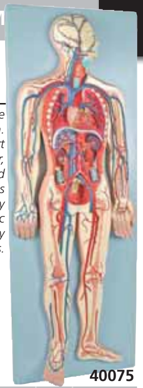
Assembled Disassembled

Life size in 2 parts. The anterior heart wall can be removed to show the left and right ventricles and atria as well as the tricuspid, pulmonary, mitral and aortic valves.

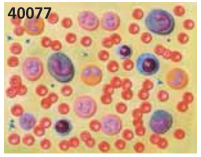
Show internal structures including the cardiac valves and the comparative morphology of the right and left ventricles. The right atrium is also removable.



A general view of the human circulation. It includes the heart (2 parts), lungs, liver, spleen, kidneys and relevant connections with the pulmonary and systematic circulatory pathways.



Enlarged 2000 times, this model shows the various types of blood cells, including red blood cells, white blood cells (lymphocytes, monocytes, neutrophils, eosinophils and basophils) and blood platelets.

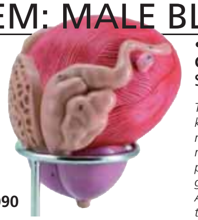


| GIMA code | HEART AND CIRCULATORY SYSTEM | Size cm | Weight kg | Parts | Magnif. |
|---|---|---|---|---|---|
| 40071 | HEART - mounted on base | 11x7x10 | 0.23 | 2 | 1X |
| 40072 | GIANT HEART - mounted on base | 24x25x28 | 3.5 | 4 | 3X |
| 40077 | BLOOD CELLS - mounted on board | 58x38x7 | 1.0 | 1 | 2000X |
| 40075 | CIRCULATORY SYSTEM - mounted on board | 90x32x11 | 2.3 | 2 | 0.5X |

## URINARY SYSTEM: MALE BLADDER, KIDNEY

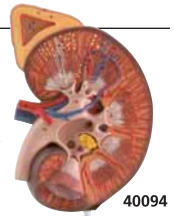
**• 40090 MALE URINARY BLADDER WITH PROSTATE**
Size: 27x20x15 cm - 1,2 kg - 2 parts - 3X

*This model, enlarged 3 times, shows the male urinary bladder with the prostate gland surrounding the urethra. The model is dissected medially to expose both internal and external structures of the bladder and prostate, including the ureteric and urethral orifices, ductus deferens, seminal gland, ejaculatory duct.*

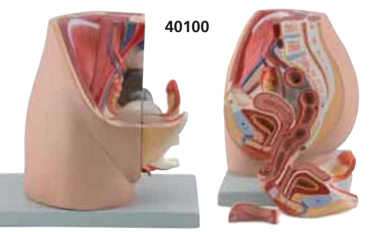


**• 40094 KIDNEY WITH ADRENAL GLAND+RENAL CORPUSCLE**
Size: 40x15x8 cm - 1,2 kg - 1 part - 3X

*This model shows a frontal section of the human kidney enlarged 3 times. The kidney is shown with the renal capsule. Additional structures include: the cortex, medulla, pyramids with papillae, partially dissected renal pelvis, renal calices, ureter, blood vessels, suprarenal gland with cortex and medulla.*
*A schematic representation of the renal corpuscle with the system of collecting tubules is included.*

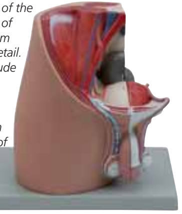


## PELVIS - FEMALE AND MALE



*This life size model, composed of 3 parts, shows an open dissection through the median sagittal section of the pelvis. Internal structures of the female urogenital system are portrayed in great detail. Removable parts include half of the female reproductive system with the uterus opened to reveal medial and transverse sectional views.*

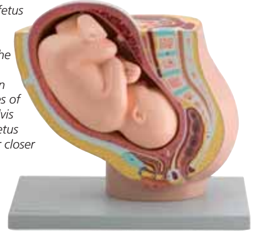
*This life size model, composed of 4 parts, presents an open view through a median sagittal section of the pelvis. Internal structures of the male urogenital system are represented in fine detail. The removable parts include a half penis divided into medial and transverse sections, and half of the male reproductive system with an open dissection of a testis showing details of the internal structure.*



| GIMA code | PELVIS size cm | Sex | Kg | Parts | Mag |
|---|---|---|---|---|---|
| 40100 | 30x20x27 | fem | 1.7 | 3 | 1X |
| 40105 | 30x20x27 | male | 1.7 | 4 | 1X |

## PREGNANCY PELVIS

*This life size model depicts the female human pelvis in median section with a fetus in the 40th week of pregnancy. The fetus is in the normal position prior to birth, showing the anatomical relationship between various structures of the maternal pelvis and the fetus. Fetus is detachable for closer examination.*



**• 40110 PREGNANCY PELVIS WITH MATURE FETUS**
Size: 40x26x34 cm - 3.3 kg - 2 part - 1X

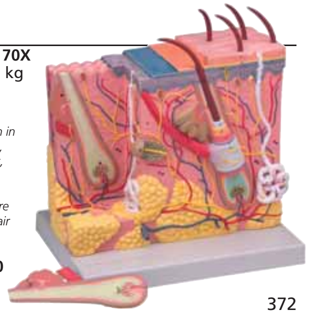
## SKIN

**• 40061 SKIN MODEL - 30X**
Size: 20x15x15.5 cm - 1.2 kg
Mounted on base

*All the skin layers can be easily identified and the main structures such as hair follicle, sensitive corpuscles, sebaceous and sweat glands, are numbered and referred on the accompanying k-card*

**• 40060 SKIN MODEL - 70X**
Size: 25x18x28 cm - 1.5 kg
2 parts - 70X
Mounted on base

*Anatomical structures are shown in details including the hair follicles, sebaceous, glands, sweat glands, erector muscles, Pacinian corpuscles, nerves and blood vessels. The different layers of the skin are clearly defined. A portion of a hair shaft can be removed to show internal details.*



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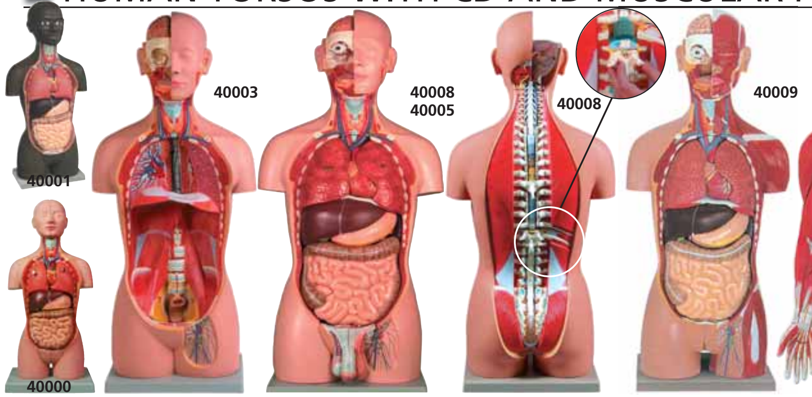
## HUMAN TORSOS WITH CD AND MUSCULAR FIGURES



| GIMA code | HUMAN TORSOS *SUPPLIED WITH CD ROM GUIDE | Size | Weight | Parts |
|---|---|---|---|---|
| 40000 | MINI TORSO | 20x15xh45 cm | 2.1 kg | 16 |
| 40001 | MINI TORSO - african | 20x15xh45 cm | 2.1 kg | 16 |
| 40003 | TORSO UNI SEX * | 23x33xh90 cm | 9 kg | 16 |
| 40005 | TORSO DUAL SEX* | 23x33xh90 cm | 9.3 kg | 25 |
| 40008 | TORSO DUAL SEX OPENBACK* | 23x33xh90 cm | 9.3 kg | 27 |
| 40009 | MUSCULAR TORSO DUAL SEX OPENBACK* | 23x33xh90 cm | 10 kg | 28 |
| 40019 | MUSCULAR FIGURE | 30x33xh87 cm | 5.3 kg | 30 |

*This CD-ROM Guide greatly extends the educational value of the anatomical torsos by identifying hundreds of structures that are not included on the printed key.*
*High-resolution digital images of torso components show the finest anatomical details of all body systems from various angles.*

*Some of the detachable parts of human torsos (40005-8-9):*

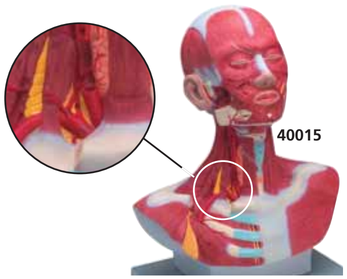
*Removable structures, of codes 40005-8-9, include the following:*
*- eye with optic nerve and extraocular muscles*
*- half of the brain - trachea - descending thoracic aorta and esophagus - right and left lungs (two parts each)- liver with gallbladder - half of one kidney - two part heart - stomach dissected in two parts (not for 40005) - pancreas, duodenum and spleen - small and large intestines - male and female urogenital systems (4 parts each), (on 40009 female system is in 3 parts and provided of detachable fetus) - thoracic vertebra (T12) with spinal cord (code 40008 and 40009 only).*

*Detachable parts of human muscular figure 40019:*

## HEAD MUSCULATURE

**• 40015 HEAD/NECK MUSCULATURE**
Size: 37x23x46 cm
- 3.1 kg - 1 part - life size

*Superficial and deep musculature are well represented as are the pathways of the subclavian and carotid arteries*



## MUSCLES: SHOULDER, ARM, LEG

**• 40016 SHOULDER MUSCLE**
Size: 23x19x11 cm - 435 g
1 part - 1X
Mounted on a base with stand

*This model illustrates in great details the muscles, ligaments and bones of the shoulder.*
*Through different muscles section it is possible to observe the deep musculature to the bone.*

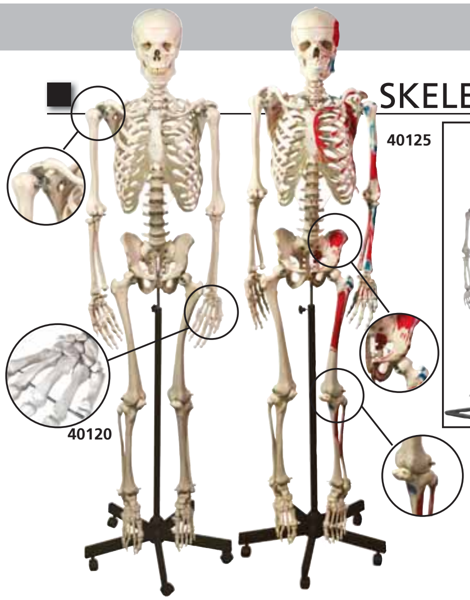
**• 40017 ARM MUSCLE**
Size: 74x20x12 cm - 1.9 kg
- 7 parts

*This 7-part life size model shows, in great detail, the anatomical structure of the arm, complete with superficial and deeper muscles, vascular structures, nerves and ligaments. The hand and the shoulder are also well represented.*
*The following parts are removable:*
*- deltoid muscle*
*- biceps muscle*
*- triceps muscle*
*- long palmar muscle with radial flexor muscle of wrist*
*- brachioradial muscle*
*- radial extensor muscle of wrist*
*- palmar aponeurosis*

**• 40018 LEG MUSCLE**
Size: 110x19x14.5 cm - 5.1 kg
13 parts
Mounted on a base with stand

*This 13-part model shows, in great detail, the anatomical structure of the leg, complete with superficial and deeper muscles, vascular structures, nerves and ligaments.*
*The following parts are removable:*
*- sartorius*
*- long head of biceps*
*- gluteus maximus*
*- soleus*
*- gastrocnemius*
*- gluteus medius*
*- gracilis*
*- semitendinosus and semimembranous*
*- rectus femoris*
*- extensor digitorum longus*
*- sole of foot*
*- tensor fasciae latae*

## SKELETONS

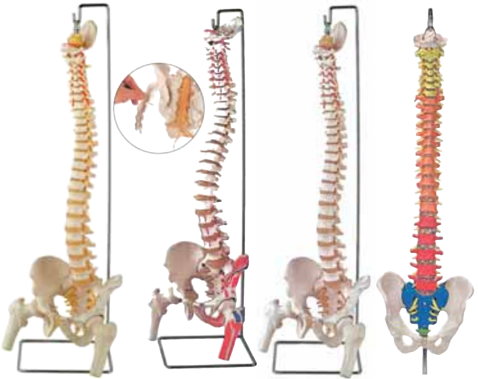


**• 40115 MINI SKELETON**
Height: 80 cm Weight: 1.5 kg. This 1/2 life size model shows the anatomy of the human skeleton in high detail. The skull can be disassembled into 3 parts: skullcap, base of skull and mandible. All the main joints are articulated. Arms and legs can be removed easily. Mounted on a stand for hanging.

**• 40120 HUMAN SKELETON**
Height: 170 cm. Weight: approx 10 kg. This model is a replica of a life size human skeleton and shows all the skeleton parts in high detail. It's hand-assembled to provide intricate details and long-lasting durability. The main joints are articulated; the upper and lower limbs can be removed easily. The following parts are detachable: Calvarium, Skull, Jaw, Arms, Legs. Supplied with 5-caster roller stand.

**• 40125 MUSCULAR HUMAN SKELETON**
Same as code 40120 but with the left side of the skeleton showing the point of origin (red) and the point of insertion (blue) of the muscles.

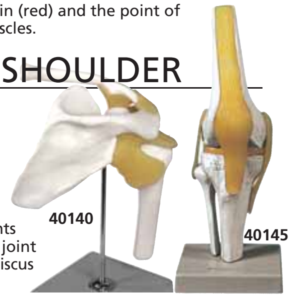
## VERTEBRAL COLUMNS



**FLEXIBLE VERTEBRAL COLUMNS**
Fully flexible life size vertebral columns consisting of the occipital plate, cervical, thoracic and lumbar vertebrae, sacrum, coccyx, complete pelvis with symphysis, removable femur heads (only 40130,31,32).
All models also feature representation of the vertebral arteries, spinal nerve branches, and a prolapsed L3-L4 intervertebral disc.
On 40131 the left side of the skeleton shows the points of origin (red) and the point of insertion (blue) of the muscles.
On 40131 and 40132 the sacral crest and coccyx are removable to show the sacral section of the spinal cord and associated nerve branches.
On 40133 the various regions of the spinal column are colour coded for easy identification.

| GIMA code | FLEXIBLE VERTEBRAL COLUMNS | Size cm | Weight | Magnif. |
|---|---|---|---|---|
| **40130** | VERTEBRAL COLUMN with femur heads | 95x20x20 | 3 kg | 1X |
| **40131** | VERTEBRAL COL with femur + muscle | 95x20x20 | 3 kg | 1X |
| **40132** | VERTEBRAL COL with femur + open sacrum | 95x20x20 | 3 kg | 1X |
| **40133** | SPINAL COL with colour coded regions | 98x23x23 | 970 g | 1X |

## KNEE AND SHOULDER



**• 40140 SHOULDER JOINT**
Size: 29x12x12cm - 560g - 1 part - 1X
Mounted on stand.

**• 40145 KNEE JOINT**
Size: 12x12x31cm - 440g - 1 part - 1X
The life size model represents a functional model of knee joint with lateral ligaments, meniscus and patellar ligament.

## SKELETAL SYSTEM

***Advanced osteoporosis model.***
*Shows 3 vertebrae: one healthy vertebra, one vertebra with pathological changes at first stage, one vertebra with pathological changes at advanced stage.*

***Cervical spinal column** consists of 7 cervical vertebrae with intervertebral discs, occipital plate, cervical nerves, vertebral arteries, spinal cord and brain stem.*

***Thoracic spinal column** consists of 12 thoracic vertebrae with intervertebral discs, thoracic nerves and spinal cord.*

***Lumbar spinal column with sacral and coccyx bones.** It consists of 5 lumbar vertebrae with intervertebral discs, lumbar nerves and spinal cord.*
*The sacral crest and coccyx are removable.*

***3 lumbar vertebrae with hernia and prolapsed intervertebral disc.** Shows 3 lumbar vertebrae with spinal nerves, dura mater and 2 intervertebral discs affected by lateral and medial hernia.*

| GIMA code | SKELETAL SYSTEM | Size cm | Weight | Magnif. |
|---|---|---|---|---|
| **40136** | CERVICAL SPINAL COLUMN | 12x12x22 | 350 g | 1X |
| **40137** | THORACIC SPINAL COLUMN | 12x12x40 | 600 g | 1X |
| **40138** | LUMBAR SPINAL COLUMN | 12x12x36 | 800 g | 1X |
| **40180** | HERNIA PATHOLOGY | 16.5x12x26 | 300 g | 1X |
| **40185** | ADVANCED OSTEOPOROSIS | 12x12x15 | 200 g | 1X |

## HUMAN SKULLS - 3 PARTS

**Numbered skull (40161)**
Significant structures are numerated
**Coloured skull (40162)**
All the bones are depicted in different colours, making this model a useful tool to study the correct position and relationship of all the structures.
**Muscular skull (40163)**
The left side of the skull shows the points of origin(red) and the point of insertion (blue) of the muscles.
**MINI SKULL (40165) ½ adult natural size**
It depicts all structural details of the skull.
It can be disassembled into skullcap and base of skull.
Articulated mandible.

Life size human skull reproduction with all details, made in PVC. Removable skull cap and articulated mandible.

| GIMA code | HUMAN SKULLS | Size cm | Weight g | Magnif. |
|---|---|---|---|---|
| **40160** | HUMAN SKULL | 22x14x16 | 950 | 1X |
| **40161** | HUMAN SKULL - numerated | 22x14x16 | 950 | 1X |
| **40162** | HUMAN SKULL - coloured | 19.5x17x21.5 | 950 | 1X |
| **40163** | HUMAN SKULL - muscular | 18x17x21 | 875 | 1X |
| **40165** | MINI SKULL | 11x11x16.5 | 150 | 0.5X |

## DENTAL MODELS

**• 40206 DECIDUOUS TEETH**
Size: 9x9x10 cm - weight: 85 g. Mounted on base with stand.
*This life size model shows the upper and lower jaw of a 5 year old child. The lower jaw is movable to reproduce the natural chew. The model exposes the arrangement of the young teeth.*

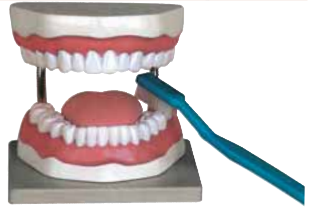
**• 40205 PERMANENT TEETH**
Size: 11x11x12 cm - weight: 170 g. Mounted on base with stand.
*This life size model shows the upper and lower jaw of an adult. The lower jaw is movable to reproduce the natural chew. The model exposes the complete set of permanent teeth with roots and nerves fibres.*

**• 40210 LOWER JAW**
Size: 35x18x31 cm - weight: 1130 g
Mounted on base with stand.
*This 3X life size model is divisible into 6 parts to show all the characteristics of an adult half mandible. A portion of the jaw can be removed to show the roots of the teeth and the internal structure of the bone. Canine and molar teeth can be removed and dissected longitudinally to observe the tooth roots, pulp and nerves.*

**• 40213 SET 3 TEETH: INCISOR, CANINE, MOLAR**
Size: 33x33x11 cm -
weight: 700 g
*5-part model includes representations (10X life size) of human incisor, canine and molar teeth. The canine and molar can be divided into 2 parts each, showing internal features (dentine, enamel, cement and pulp).*

**• 40212 DENTAL PATHOLOGY MODEL**
Size: 6x4.5x11 cm - weight: approx. 100 g
*This 4X life size model shows the process of dental caries in its progressive stages.*
*The tissues forming the tooth (enamel, dentine and pulp) are shown, along with the way in which they are affected by the caries process.*

**• 40214 LOWER MOLAR WITH CARIES**
Size: 11x11x19.5 cm - weight: approx. 250 g
Mounted on base with stand.
*This 1-piece model is approximately 10X life size; it shows the most important dental pathologies, including dental caries, pulpitis, gingivitis and periapical periodontitis.*



**• 40200 ORAL HYGIENE**
Size: 12x16x22 cm - weight: 1 kg
Mounted on base.
*A 3X life size model useful to teach the correct way to brush teeth. A giant toothbrush is included.*

**• 40211 DENTAL CARIES**
Size: 12x6x6 cm -
weight: approx. 300 g
*This model, composed of 7 parts, is 4X life size. It consists of 3 teeth, seated in their sockets, showing the progressive deterioration of tooth structure by dental caries. The first tooth shows the caries in the enamel. In the second tooth, the caries spreads through the dentine. In the third tooth, the pathology affects the pulp, jeopardizing the vitality of the tooth.*

## VALUE HUMAN ANATOMY MODELS

***HUMAN SKULLS - 3 parts***

*A detailed reproduction of a life size human skull with all structural details. The mandible is articulated, the skullcap is removable to show internal details. All of the joints, sutures, fissures, foramina and processes are portrayed with utmost accuracy.*

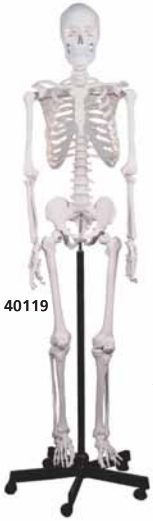
- **40155 HUMAN SKULL 1X - 3 parts**

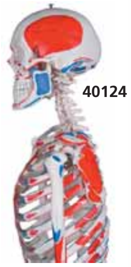
- **40156 HUMAN SKULL 1X NUMERATED - 3 parts**

- **40157 HUMAN SKULL 1X COLOURED - 3 parts**

*Giant toothbrush is included*

- **40199 ORAL HYGIENE MODEL - 3X**





*Life size human skeletons show all the skeleton parts in high detail. The main joints are articulated; the upper and lower limbs can be easily removed. The following parts are detachable: Calvarium, Skull, Jaw, Arms, Legs. Supplied with 5-caster roller stand.*

*Height: 180 cm*
*Weight: approx 10 kg*

- **40119 HUMAN SKELETON**
- **40124 HUMAN MUSCULAR SKELETON**

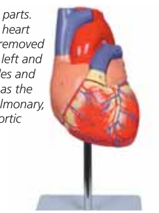
*Fully flexible life size vertebral columns consisting of the occipital plate, cervical, thoracic and lumbar vertebrae, sacrum, coccyx, complete pelvis with symphysis, removable femur heads*

- **40127 FLEXIBLE VERTEBRAL COLUMN with femur heads**

*A functional model of knee joint with lateral ligaments, meniscus and patellar ligament.*

- **40144 KNEE JOINT**

- **40139 SHOULDER JOINT**



*Life size in 2 parts. The anterior heart wall can be removed to show the left and right ventricles and atria as well as the tricuspid, pulmonary, mitral and aortic valves.*

- **40069 HEART 1X - 2 parts**

*Assembled*

*Disassembled*

- **40028 EYE 6X - 6 parts**

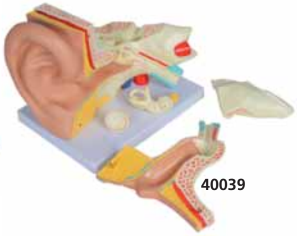
*Cornea, iris, lens and vitreous body can be removed.*

*Shows internal structures including the cardiac valves and the comparative morphology of the right and left ventricles.*

- **40070 HEART 3X - 3 parts**

- **40038 EAR 3X - 3 parts**

*These models show the external, middle and inner ear.*
*The eardrum with malleus, incus and stapes are removable.*
*Also cochlea and labyrinth with vestibular and cochlear nerves and 2 bones sections (40039 only) that define the middle and inner ear are removable.*



- **40039 EAR 3X - 5 parts**

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