New Products Preview

Professional Medical Products

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Next catalogue and pricelist: 1-9-2016

Pricelist 2015 validity extended until 31-8-2016

Spirolab 7” touchscreen spirometer page 24

Bluetooth monitor page 27  Stylish couch in 10 colours page 10  Body fat Bluetooth scale page 12  LED USB Otoscope page 19
**LUX: PROFESSIONAL MONITORING OF LIPIDS, GLUCOSE AND HEMOGLOBIN**

*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 lipoid 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, 3xAAA batteries 1.5 V and manual (GB, IT).

Made in Italy.

**MISSION® CHOLESTEROL METER**

*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

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

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

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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, auto-character and audible-control prompt
    - data transmission function.
  - Application:
    - health examination
    - chronic diseases, especially long-term monitoring for nephritic patients

  **TECHNICAL SPECIFICATIONS**
  - Working mode: One-step
  - Internal language: Italian and English
  - Display: 2.4” LCD, resolution: 320x240
  - Data storage: 500 sample data
  - Principle: RGB tricolor test theory
  - Communication interface: Micro USB interface, Bluetooth wireless communication
  - Repeatability: CV ≤1%

MISSION Hb HEMOGLOBIN TESTING SYSTEM

- **24022 MISSION Hb HEMOGLOBIN TESTING SYSTEM**
  Accurately detects Hb and Hct levels
  - 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 hematolysis 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 blood
    - minimal training required
  - Multilanguage box:
    GB, FR, IT, ES, PT, DE, PL, RO, SE, FI, GR, TR, Arabic

  **TECHNICAL SPECIFICATIONS**
  - Display dimension (LxW): 146x23 mm (5.8”x0.9”)
  - Meter dimension (LxWxH): 127x58x25 mm (5.0”x2.28”x0.09”)
  - Power supply: 3 AAA Batteries or AC Adaptor
  - Automatic shut off: 8 minutes
  - Battery life: 2,700 tests or 360 hours
  - Accuracy: Hb 4.5 - 10 g/dL, ±0.4 g/dL; Hb 10 - 25.6 g/dL ± 4%
  - Hb Total precision: CV ≤ 3%
  - Hb within run precision: CV ≤ 3%
  - Calibration: automatic
  - Calibration: 500 sample data
  - Memory: 1,000 tests with date/time and ID number
  - Test range: Refer to grads table on www.gimaitaly.com

MISSION® PT/INR COAGULATION MONITORING SYSTEM

- **23926 PT/INR COAGULATION MONITORING SYSTEM**
  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 to 2 years shelf life
  - external optional printer available for quick printing of results

  **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

  **TECHNICAL SPECIFICATIONS**
  - Methodology: Optical fluorescence
  - Time to results: About 2 minutes
  - Memory: 200 results with date/time
  - Specimen volume: 15 µL
  - Specimen type: Capillary or venous whole blood
  - INR measurement 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)

  **STANDARD ACCESSORIES**
  - 1 quick reference guide
  - 5 PT test strips
  - 1 carrying case
  - 1 user manual
  - 1 AC adaptor

  **ACCESSORIES AND SPARES**
  - 23927 PT test strips with chip
  - 23928 PT test strips with chip
  - 24513 SURGILANCE SAFETY LANCETS 28G - sterile - box of 100
  - 23926 MISSION PT/INR COAGULATION MONITORING SYSTEM

  **SERVICE ORDER**
  - box of 12
  - box of 48
  - box of 100
MARGHERITA FINGERGUARD FOR HYPODERMIC NEEDLES

NO MORE ACCIDENTAL SYRINGE INJURIES

- 23798 MARGHERITA FINGERGUARD
Margherita FingerGuard 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.

Unique
Internationally patented
Sterilizable
Autoclavable (121°C for 15 minutes or 135°C for 5 minutes)
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.

HOW DOES IT WORK?

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

KIT FOR PROTECTION AGAINST BIOLOGICAL AND CHEMICAL AGENTS

- 26008 KIT FOR BIOLOGICAL AND CHEMICAL PROTECTION - M
- 26009 KIT FOR BIOLOGICAL AND CHEMICAL PROTECTION - XL

These kits offer biological and chemical protection. The kit is a set of PPE in III category (comforms to 89/686/CE chemotherapic) certified for protection against virus, dust and liquids.

Ready for use in a sealed polyethylene pack, it includes:
- white gown
- goggle for protection against liquid droplets and sprays
- SF Biodust filtering face mask with valve for the protection against biological agents
- FFP3 filtering face mask with valve for protection against chemical agents
- coverboots
- nitrile powder free gloves 30 cm long

Suitable in emergency for operators potentially exposed to biological and chemical (including chemo) agents.

ULTRA LIGHT CLOGS WITH STRAP

GIMA ULTRA LIGHT CLOGS
Protective clogs meeting requirements of working shoes norms
EN 20347: 2008 A and 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 detergents or bleach, resistant to chemicals or UV sterilisations - antibacterial, antimould, antifungus

- 26206 ULTRA LIGHT CLOGS - other colour - minimum 50 pair (available in light blue, orange, black, fuchsia)
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.

<table>
<thead>
<tr>
<th>GIMA code</th>
<th>URINE CONTAINERS - BULK</th>
<th>Minimum order</th>
</tr>
</thead>
<tbody>
<tr>
<td>25958</td>
<td>Urine containers 120 ml</td>
<td>box of 300</td>
</tr>
<tr>
<td>25960</td>
<td>Urine containers 60 ml - cleanroom ISO8</td>
<td>box of 500</td>
</tr>
<tr>
<td>25961</td>
<td>Urine containers 60 ml - sterile</td>
<td>box of 500</td>
</tr>
<tr>
<td>25962</td>
<td>Urine containers 120 ml - cleanroom ISO8</td>
<td>box of 250</td>
</tr>
<tr>
<td>25963</td>
<td>Urine containers 120 ml - sterile</td>
<td>box of 250</td>
</tr>
</tbody>
</table>

24 HOURS URINE CONTAINERS

24 h graduated urine containers made in polyethylene. One multilanguage instruction in each carton: GB, FR, IT, ES, PT.

<table>
<thead>
<tr>
<th>GIMA code</th>
<th>24 h URINE CONTAINERS</th>
<th>Minimum order</th>
</tr>
</thead>
<tbody>
<tr>
<td>25980</td>
<td>Bottle 2500 ml</td>
<td>box of 30</td>
</tr>
<tr>
<td>25981</td>
<td>Container 2000 ml with ergonomic handle</td>
<td>box of 54</td>
</tr>
<tr>
<td>25982</td>
<td>Tank 2500 ml</td>
<td>box of 30</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>GIMA code</th>
<th>BIOLOGICAL CONTAINERS</th>
<th>Minimum order</th>
</tr>
</thead>
<tbody>
<tr>
<td>25965</td>
<td>Faeces container 30 ml - cleanroom ISO8</td>
<td>box of 500</td>
</tr>
<tr>
<td>25966</td>
<td>Faeces container 30 ml - sterile</td>
<td>box of 500</td>
</tr>
<tr>
<td>25967</td>
<td>Faeces container 60 ml - cleanroom ISO8</td>
<td>box of 500</td>
</tr>
<tr>
<td>25968</td>
<td>Faeces container 60 ml - sterile</td>
<td>box of 500</td>
</tr>
</tbody>
</table>

PROTECTIVE GOGGLES - FOG RESISTANT, ANTI-SCRATCH

- 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 23 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

- 25261 506 UP GOGGLES - green - fog resistant, anti-scratch
- 25262 506 UP GOGGLES - pink - fog resistant, anti-scratch
  Same as 25260 with below additional features.
  - panoramic wrapping lens
  - temples regulation in lenght and inclination
  - soft terminal tips to eliminate local pressure
POLYESTER OR MICROFIBRE SURGERY DRAPES

100% TEXTURIZED POLYESTER DRAPES
Studied for replacing the classic cotton drape in operating rooms.
- 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.

- 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.
- 41009 MICROFIBRE DRAPE 90x150 cm - green
- 41010 MICROFIBRE DRAPE 150x150 cm - green
- 41011 MICROFIBRE DRAPE 250x150 cm - green

URINE BAGS - MADE IN SPAIN

URINE BAGS
GIMA code | URINE BAGS | Minimum order
--- | --- | ---
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 tipp (Italian reimbursement label) and 1 hanger

URINE BAGS WITH NON RETURN/EXHAUST 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 tipp (Italian reimbursement 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 | box of 30**
28708 | Urine leg bag 750 cc - tube 35 cm - polybag complete with push pull outlet | 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 phthalate free.

HANGER HOLDER FOR URINE BAGS
28699 | Hanger holder for urine bag - blue - bulk | box of 200

EXTERNAL LATEX CATHETERS
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.
**FOLEY CATHETERS - LATEX**

Three eyes with smooth edges

Two symmetrical eyes with smooth edges

<table>
<thead>
<tr>
<th>GIMA code</th>
<th>LATEX STERILE 100% SILICONE COATED FOLEY CATHETERS - SINGLE USE</th>
<th>Minimum order</th>
</tr>
</thead>
<tbody>
<tr>
<td>22053</td>
<td>2-way Foley catheter ch/fr 10 - balloon 5-10 ml</td>
<td>box of 10</td>
</tr>
<tr>
<td>22054</td>
<td>2-way Foley catheter ch/fr 12 - balloon 5-10 ml</td>
<td>box of 10</td>
</tr>
<tr>
<td>22055</td>
<td>2-way Foley catheter ch/fr 14 - balloon 5-10 ml</td>
<td>box of 10</td>
</tr>
<tr>
<td>22056</td>
<td>2-way Foley catheter ch/fr 16 - balloon 5-10 ml</td>
<td>box of 10</td>
</tr>
<tr>
<td>22057</td>
<td>2-way Foley catheter ch/fr 18 - balloon 5-10 ml</td>
<td>box of 10</td>
</tr>
<tr>
<td>22058</td>
<td>2-way Foley catheter ch/fr 20 - balloon 5-10 ml</td>
<td>box of 10</td>
</tr>
<tr>
<td>22059</td>
<td>2-way Foley catheter ch/fr 22 - balloon 5-10 ml</td>
<td>box of 10</td>
</tr>
</tbody>
</table>

Ball 5-10 ml near the ball could be from 5 ml to 10 ml

**FOLEY CATHETERS - SILICONE**

<table>
<thead>
<tr>
<th>GIMA code</th>
<th>SILICONE STERILE FOLEY CATHETERS - SINGLE USE</th>
<th>Minimum order</th>
</tr>
</thead>
<tbody>
<tr>
<td>22094</td>
<td>2-way Foley catheter ch/fr 12 - balloon 30 ml</td>
<td>box of 10</td>
</tr>
<tr>
<td>22095</td>
<td>2-way Foley catheter ch/fr 14 - balloon 30 ml</td>
<td>box of 10</td>
</tr>
<tr>
<td>22096</td>
<td>2-way Foley catheter ch/fr 16 - balloon 30 ml</td>
<td>box of 10</td>
</tr>
<tr>
<td>22097</td>
<td>2-way Foley catheter ch/fr 18 - balloon 30 ml</td>
<td>box of 10</td>
</tr>
<tr>
<td>22098</td>
<td>2-way Foley catheter ch/fr 20 - balloon 30 ml</td>
<td>box of 10</td>
</tr>
<tr>
<td>22099</td>
<td>2-way Foley catheter ch/fr 22 - balloon 30 ml</td>
<td>box of 10</td>
</tr>
<tr>
<td>22100</td>
<td>2-way Foley catheter ch/fr 24 - balloon 30 ml</td>
<td>box of 10</td>
</tr>
</tbody>
</table>

**NELATON CATHETERS**

Male - two lateral eyes with smooth edges

Female - two lateral eyes with smooth edges

<table>
<thead>
<tr>
<th>GIMA code</th>
<th>PVC DEHP FREE STERILE NELATON CATHETERS</th>
<th>Minimum order</th>
</tr>
</thead>
<tbody>
<tr>
<td>22003</td>
<td>Male Nelaton catheter ch/fr 10 - black</td>
<td>box of 100</td>
</tr>
<tr>
<td>22004</td>
<td>Male Nelaton catheter ch/fr 12 - white</td>
<td>box of 100</td>
</tr>
<tr>
<td>22005</td>
<td>Male Nelaton catheter ch/fr 14 - dark green</td>
<td>box of 100</td>
</tr>
<tr>
<td>22006</td>
<td>Male Nelaton catheter ch/fr 16 - orange</td>
<td>box of 100</td>
</tr>
<tr>
<td>22007</td>
<td>Male Nelaton catheter ch/fr 18 - red</td>
<td>box of 100</td>
</tr>
<tr>
<td>22022</td>
<td>Female Nelaton catheter ch/fr 8 - light blue</td>
<td>box of 100</td>
</tr>
<tr>
<td>22023</td>
<td>Female Nelaton catheter ch/fr 10 - black</td>
<td>box of 100</td>
</tr>
<tr>
<td>22024</td>
<td>Female Nelaton catheter ch/fr 12 - white</td>
<td>box of 100</td>
</tr>
<tr>
<td>22025</td>
<td>Female Nelaton catheter ch/fr 14 - dark green</td>
<td>box of 100</td>
</tr>
<tr>
<td>22026</td>
<td>Female Nelaton catheter ch/fr 16 - orange</td>
<td>box of 100</td>
</tr>
</tbody>
</table>

**SUCTION CATHETERS**

Special technology: inner Ø does not shrink at edge

<table>
<thead>
<tr>
<th>PVC DEHP FREE STERILE SUCTION CATHETERS with conical adapter</th>
<th>Minimum order</th>
</tr>
</thead>
<tbody>
<tr>
<td>22110 22120 Suction catheter ch/fr 6 - light green</td>
<td>box of 100</td>
</tr>
<tr>
<td>22112 22122 Suction catheter ch/fr 8 - light blue</td>
<td>box of 100</td>
</tr>
<tr>
<td>22113 22123 Suction catheter ch/fr 10 - black</td>
<td>box of 100</td>
</tr>
<tr>
<td>22114 22124 Suction catheter ch/fr 12 - white</td>
<td>box of 100</td>
</tr>
<tr>
<td>22115 22125 Suction catheter ch/fr 14 - dark green</td>
<td>box of 100</td>
</tr>
<tr>
<td>22116 - Suction catheter ch/fr 16 - orange</td>
<td>box of 100</td>
</tr>
<tr>
<td>22117 - Suction catheter ch/fr 18 - red</td>
<td>box of 100</td>
</tr>
<tr>
<td>22118 - Suction catheter ch/fr 20 - yellow</td>
<td>box of 100</td>
</tr>
</tbody>
</table>

**STOMACH TUBES**

Suitable for feeding and irrigation, with x-ray line

Four lateral eyes with smooth edges marked between 45-20 cm from the distal end

<table>
<thead>
<tr>
<th>GIMA code</th>
<th>PVC DEHP FREE STERILE STOMACH TUBES</th>
<th>Minimum order</th>
</tr>
</thead>
<tbody>
<tr>
<td>22156</td>
<td>Stomach tube ch/fr 12</td>
<td>box of 100</td>
</tr>
<tr>
<td>22157</td>
<td>Stomach tube ch/fr 14</td>
<td>box of 100</td>
</tr>
<tr>
<td>22158</td>
<td>Stomach tube ch/fr 16</td>
<td>box of 100</td>
</tr>
</tbody>
</table>

**CATHETER LUBRICANT GEL - STERILE**

- 22104 CATHETER LUBRICANT GEL 12 ml - sterile - box of 25
  Sterile, clear, water soluble gel, containing Lidocaine, 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 is used to alleviate pain during urethral manipulation with anaesthetic effect. It also has antiseptic effect protecting patient from potential infection risk.
  It contains Lidocaine 2%, Chlorhexidine 0,05%.
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
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.

ANTIDECUBITUS 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.

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.

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

<table>
<thead>
<tr>
<th>GIMA code</th>
<th>RUBBER PESSARY - autoclavable</th>
</tr>
</thead>
<tbody>
<tr>
<td>29882</td>
<td>Rubber Pessary Ø 55 mm</td>
</tr>
<tr>
<td>29963</td>
<td>Rubber Pessary Ø 60 mm</td>
</tr>
<tr>
<td>29964</td>
<td>Rubber Pessary Ø 65 mm</td>
</tr>
<tr>
<td>29965</td>
<td>Rubber Pessary Ø 70 mm</td>
</tr>
<tr>
<td>29966</td>
<td>Rubber Pessary Ø 75 mm</td>
</tr>
<tr>
<td>29967</td>
<td>Rubber Pessary Ø 80 mm</td>
</tr>
<tr>
<td>29968</td>
<td>Rubber Pessary Ø 85 mm</td>
</tr>
<tr>
<td>29969</td>
<td>Rubber Pessary Ø 90 mm</td>
</tr>
<tr>
<td>29884</td>
<td>Rubber Pessary Ø 95 mm</td>
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<table>
<thead>
<tr>
<th>SILICONE PESSARY - autoclavable</th>
</tr>
</thead>
<tbody>
<tr>
<td>29893</td>
</tr>
<tr>
<td>29894</td>
</tr>
<tr>
<td>29895</td>
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<td>29896</td>
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<td>29897</td>
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<tr>
<td>29898</td>
</tr>
<tr>
<td>29899</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>BLUE SILICONE PESSARY - autoclavable</th>
</tr>
</thead>
<tbody>
<tr>
<td>29905</td>
</tr>
<tr>
<td>29906</td>
</tr>
<tr>
<td>29907</td>
</tr>
</tbody>
</table>
**BAG HOLDER TROLLEYS**

- **45905 BAG HOLDER TROLLEY - 2 bags**
  Bag holder trolleys with pedal operated opening. Rigid, sturdy, self-supporting ABS plastic base with edges. The bag holding ring (350x255 mm) 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.

- **45906 BAG HOLDER TROLLEY - 3 bags**

- **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**

- **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: 1100x660x1320 mm. Made in Italy.

- **27462 WRAPPING BAG - blue strip**
- **27466 WRAPPING BAG - yellow strip**

**CLIPPER TOILET SEAT**

- **27756 CLIPPER RAISED TOILET SEAT - height 11 cm**
  Easily adapt to any toilet bowl. Totally made of injected plastic. 4 Fixation clips to secure strongly and easily the seat on the toilet bowl.

- **45910 PUSH HANDLE**
- **27466 WRAPPING BAG - yellow strip**
- **27462 WRAPPING BAG - blue strip**
- **45908 WRAPPING BAG - green strip**

**STICKS WITH LIGHT AND ALARM**

- **43050 SAFETY LIGHT STICK - man - black**
  Innovative sticks with safety light and alarm.
  - front ultra-bright white LED light (4 LED for 43050, 3 LED for 43055) up to 15 lumen, with adjustable positions
  - ultra-bright red LED warning flash with 2 LED, up to 5 lumen
  - comfortable ABS hand grip and aluminium frame
  - 100 dB warning siren
  - adjustable height: 8 positions from 738 to 973 cm (43050), 10 positions from 660 to 860 cm (43055)
  Works with 2 AAA batteries, not included. Supplied with carrying hand strap.
**ELITE EXAMINATION COUCH**

- **44500 ELITE EXAMINATION COUCH - blue**
- **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.

---

**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 extractable.

Metal footrest extractable. Armrest with articulations, manually adjustable in height and revolving 180°.

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.


Maximum load: 150 kg.

Supplied with blanket tray with belts to fix oxygen bottle, IV stand and chart holder support.

Made in Italy.

---

**3-SECTION DELIVERY BED WITH TRENDELENBURG**

- **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.
**CABINETS FOR MEDICINES AND INSTRUMENTS - MADE IN ITALY**

- **27898 VALUE CABINET - 1 door**
- **27899 VALUE CABINET - 2 doors**

- **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.

**BED-TRAYS - FOLDING-LEGS**

**BED-TRAYS**
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**
  Bed tray/bookrest tilting in 3 positions.

**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 for optimal stability. Position of vertical columns and radiotransparent frame (only 27805) allow the structure to have a wide radiotransparent surface.
  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
- **27807 MATTRESS**
- **27808 IV STAND**
**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 overweight 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, IT, ES, PT, PL, DE, RO, CZ, HR, HU, LV, EE, SK, SI.

**TECHNICAL SPECIFICATIONS**

- **Capacity:** 180 kg
- **Sensitivity:** 0.2 lb
- **Size:** 1,290 mm
- **Platform size:** 370x480x170 mm
- **Weight:** 2.3 kg
- **Power supply:** 100-240 V, 50/60 Hz

**SOEHNLE MEDISCALE CLASS III**

- **27242 SOEHNLE MEDISCALE - Bluetooth**
  Approved to Class III, medical device directive (MPG) Class 1.
  Bright luminous LED display, 15 mm digit height. Instant-start-function by stepping on the scale. Energy-saving auto-off function. Units in kg or lb. Mains operation.

**TECHNICAL SPECIFICATIONS**

- **Capacity:** 250 kg
- **Sensitivity:** 100 g
- **Size:** 365x350x39 mm

**AND HEALTH SCALE**

- **27256 AND HEALTH SCALE - Bluetooth**
  One of the most advanced health scales available. Designed for ease of use and accuracy, this device will facilitate your daily weight management regimen. At the end of measurement, data is automatically sent from this scale to the receiver device through Bluetooth. Selectable kg or lb.

**TECHNICAL SPECIFICATIONS**

- **Capacity:** 150 kg / 330 lb
- **Sensitivity:** 100 g
- **Size:** 350x350x39 mm

**BABY AND CHILD SCALE**

- **27312 BABY AND CHILD DIGITAL SCALE**
  Multifunctional scale for babies and children with removable light plastic tray. It can be used with the baby 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 hold function. Automatic switch off and low battery indicator. Switchable to kg/lb/st. Made in Europe. Manual and box in: GB, FR, IT, ES, PT, PL, DE, RO, CZ, HR, HU, LV, EE, SK, SI.

**TECHNICAL SPECIFICATIONS**

- **Capacity:** 20 kg
- **Tray dimensions:** 526x30x63-95 mm
- **Pack dimension:** 540x300x110 mm
- **Battery operated:** 2xCR2032 lithium batteries
**MINIASPEED BATTERY EVO PROFESSIONAL SUCTION ASPIRATORS**

- 28282 MINIASPEED BATTERY SUCTION - 1 l
- 28283 MINIASPEED BATTERY SUCTION - 1 l for ambulance
- 28284 MINIASPEED 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**

<table>
<thead>
<tr>
<th>Operating voltage:</th>
<th>with battery DC 12 V</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power consumption:</td>
<td>max 50 W</td>
</tr>
<tr>
<td>Size:</td>
<td>134x378xh 263 mm</td>
</tr>
<tr>
<td>Bottle capacity:</td>
<td>1,000 or 2,000 ml</td>
</tr>
<tr>
<td>Flow:</td>
<td>30 air litres/min</td>
</tr>
<tr>
<td>Sound level:</td>
<td>65 dBA at 1 m</td>
</tr>
<tr>
<td>Operating cycles:</td>
<td>continuous (45 minutes battery autonomy)</td>
</tr>
<tr>
<td>MAX vacuum:</td>
<td>0 ± 85 KPa</td>
</tr>
<tr>
<td>Internal battery:</td>
<td>12 VDC 4 A lead hermetic</td>
</tr>
<tr>
<td>Battery autonomy:</td>
<td>about 45 minutes, recharging time approx 6 hours</td>
</tr>
<tr>
<td>Norms:</td>
<td>MDD 93/42/EEC (Class II - annex IX)</td>
</tr>
<tr>
<td>EN ISO 10079-1/ UNI CEI EN ISO 14971 Degree of protections against ingress of liquids: IP34d (IEC 529)</td>
<td></td>
</tr>
<tr>
<td>Class II - Type B</td>
<td></td>
</tr>
</tbody>
</table>

**STANDARD ACCESSORIES**

- Autoclavable 1 or 2 l jar with safety valve
- Sterile disposable cannula CH14
- Sterile disposable manual regulator
- Disposable silicone liner 1 l
- 2 bacterial hydrophobic filter
- Cigarette lighter power cord
- Shoulder carrying bag (28283 only)
- Silicone tubing set Ø 6x12 mm
- Support bracket for ambulance (28283 only)
- Manual: GB, IT, FR, DE, ES

**GIMA BATHROOM SCALES**

- 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 lb) - 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 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 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 |

**MESH NEBULIZER**

- 28075 MESH NEBULIZER
  - 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)
  - 28076 RESPIRATORY ACCESSORY KIT (adult and child mask, mouthpiece and connector) - spare
  - 28077 AC-DC ADAPTER 100-240 V - optional

**TECHNICAL SPECIFICATIONS**

- Power supply: 2xAA batteries or adapter (AC-DC 3V 1A)
- Rated power: 2W
- Ultrasonic frequency: approximately 140kHz
- Nebulizer rate: ≥0.2ml / min
- Max. / min. liquid volume: 8ml / 0.5ml
- MMAD approximately 5µm
- Low battery indicate: 2.2V ±0.2V
- 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

**STANDARD ACCESSORIES**

- Autoclavable 1 or 2 l jar with safety valve
- Sterile disposable manual regulator
- Disposable silicone liner 1 l
- 2 bacterial hydrophobic filter
- Cigarette lighter power cord
- Shoulder carrying bag (28282 only)
- Silicone tubing set Ø 6x12 mm
- Support bracket for ambulance (28283 only)
- Manual: GB, IT, FR, DE, ES
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.

- **28430 MAYLEA GIMA DIGITAL COMPRESSION MASSAGE** with 2 legs (98x38 cm) - 4 chambers, 1 single and 1 double hose and cable
  - 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).

<table>
<thead>
<tr>
<th>MODE A</th>
<th>MODE B</th>
<th>MODE C</th>
</tr>
</thead>
<tbody>
<tr>
<td>pressure sensor</td>
<td>one touch connection hose plug</td>
<td>pressure indicator</td>
</tr>
<tr>
<td>digital timer (10, 20, 30, 40 min)</td>
<td>body size: 190x250x210 mm</td>
<td>Power button</td>
</tr>
<tr>
<td>digital pressure gauge (10-180 mmHg)</td>
<td>body weight: 3 kg</td>
<td>Selector mode button</td>
</tr>
</tbody>
</table>

- **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**

- **28441 MK400L PROFESSIONAL COMPRESSION SYSTEM** with 2 legs (L and 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.

<table>
<thead>
<tr>
<th>TECHNICAL SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pressure range: 10-200 mmHg</td>
</tr>
<tr>
<td>Automatic pressure detection</td>
</tr>
<tr>
<td>Operating voltage: 220-240 V, 50/60 Hz, 50 VA</td>
</tr>
</tbody>
</table>

You can use 2 leg cuffs at the same time, MK400L has 2 connection plugs.

- **28442 LEG CUFF L** - 6 CHAMBERS - spare
- **28443 LEG CUFF XL** - 6 CHAMBERS - spare
- **28444 DOUBLE HOSE** - to use two leg cuffs at the same time - spare
- **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 time + 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.

**Medical indications**
- DVT (Deep Vein Thrombosis)
- Lymph edema
- Post-paralytic
- Limb convulsion
- Venousclerotic
- Chronic venous insufficiency (CVI)
- Post-mastectomy
- Post-trauma
- Spinal cord injury
- Varicose veins
- Sciatica
- Sprains
- Diabetes
- Arterial insufficiency

**Home care indications**
- Lymph edema
- Diseases caused by interrupted blood circulation
- Cellulitis fat dissolution
- Pregnant woman’s limb treatment
- Benumbed feet or hands
- Cold feet or hands
- Settlement of stress
- Exercise effects
- Insomnia
- Healthier body and elastic skin
- Old age, weakness and fatigue

PROFESSIONAL AIR COMPRESSION SYSTEM

- **28441 2 hose plugs connections**
- **28442 28443 28444 28445 28446 28447**

- **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

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**Technical specifications**
- Pressure range: 10-200 mmHg
- Automatic pressure detection
- Operating voltage: 220-240 V, 50/60 Hz, 50 VA

You can use 2 leg cuffs at the same time, MK400L has 2 connection plugs.

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VALUE HUMAN ANATOMY MODELS

HUMAN SKULLS - 2 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 - 2 parts
- 40156 HUMAN SKULL 1X NUMERATED - 2 parts

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.

- 40157 HUMAN SKULL 1X COLOURED - 2 parts

Life size human skeletons show all the skeleton parts in high detail. 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.

40119 Height: 180 cm
Weight: approx 10 kg

- 40119 HUMAN SKELETON
- 40124 HUMAN MUSCULAR SKELETON

Giant toothbrush is included

- 40028 EYE 6X - 6 parts

A functional model of knee joint with lateral ligaments, meniscus and patellar ligament.

- 40144 KNEE JOINT

• 40139 SHOULDER JOINT
• 40070 HEART 1X - 2 parts

Shows internal structures including the cardiac valves and the comparative morphology of the right and left ventricles.

- 40070 HEART 3X - 3 parts
- 40039 EAR 3X - 3 parts
- 40038 EAR 3X - 5 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.
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

<table>
<thead>
<tr>
<th>GIMA code</th>
<th>PENTALED 12 LEDS</th>
<th>GIMA code</th>
<th>PENTALED 28 LEDS</th>
</tr>
</thead>
<tbody>
<tr>
<td>30787</td>
<td>Pentaled 12 - trolley</td>
<td>30787</td>
<td>Pentaled 28 - trolley</td>
</tr>
<tr>
<td>30789</td>
<td>Pentaled 12 - ceiling</td>
<td>30789</td>
<td>Pentaled 28 - ceiling</td>
</tr>
<tr>
<td>30790</td>
<td>Pentaled 12 - wall</td>
<td>30790</td>
<td>Pentaled 12 - wall</td>
</tr>
<tr>
<td>30791</td>
<td>Pentaled 12 - trolley with battery group and automatic charger</td>
<td>30791</td>
<td>Pentaled 12 - trolley with battery group and automatic charger</td>
</tr>
<tr>
<td>30792</td>
<td>Pentaled 12+12 - ceiling double</td>
<td>30792</td>
<td>Pentaled 12+12 - ceiling double</td>
</tr>
<tr>
<td>30793</td>
<td>Autoclavable handle - spare</td>
<td>30793</td>
<td>Autoclavable handle - spare</td>
</tr>
<tr>
<td>49115</td>
<td>Pentaled 28 - trolley</td>
<td>49115</td>
<td>Pentaled 28 - trolley</td>
</tr>
<tr>
<td>49116</td>
<td>Pentaled 28 - ceiling</td>
<td>49116</td>
<td>Pentaled 28 - ceiling</td>
</tr>
<tr>
<td>49117</td>
<td>Pentaled 28 - wall</td>
<td>49117</td>
<td>Pentaled 28 - wall</td>
</tr>
<tr>
<td>49118</td>
<td>Pentaled 28 - trolley with battery group and automatic charger</td>
<td>49118</td>
<td>Pentaled 28 - trolley with battery group and automatic charger</td>
</tr>
<tr>
<td>49119</td>
<td>Pentaled 28+28 - ceiling double</td>
<td>49119</td>
<td>Pentaled 28+28 - ceiling double</td>
</tr>
<tr>
<td>30787</td>
<td>Autoclavable handle - spare</td>
<td>30787</td>
<td>Autoclavable handle - spare</td>
</tr>
</tbody>
</table>

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.

**TECHNICAL SPECIFICATIONS**

- **PENTALED 12**
  - 50,000 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.

- **PENTALED 28**
  - 80,000 Lux at 1 m
  - direct light with 28 LED lens
  - double colour selection: 4,500 or 5,000 K
  - light field adjustment

<table>
<thead>
<tr>
<th>Light intensity at 1 m distance</th>
<th>Lux</th>
<th>50,000</th>
<th>80,000 (5,000K)</th>
<th>50,000 (4,500K)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour temperature</td>
<td>K°</td>
<td>4,500</td>
<td>4,500/5,000</td>
<td>4,500</td>
</tr>
<tr>
<td>LED</td>
<td>No.</td>
<td>12</td>
<td>28</td>
<td>28</td>
</tr>
<tr>
<td>Average LED life</td>
<td>hours</td>
<td>50,000</td>
<td>50,000</td>
<td>50,000</td>
</tr>
<tr>
<td>CRI (Chromatic rendering Index)</td>
<td>Ra</td>
<td>96</td>
<td>92 (5,000K)</td>
<td>96 (4,500K)</td>
</tr>
<tr>
<td>Light field where illumination reaches 50% of Ec (d50)</td>
<td>Ø mm</td>
<td>70</td>
<td>135</td>
<td>135</td>
</tr>
<tr>
<td>Light field where illumination reaches 10% of Ec (d10)</td>
<td>Ø mm</td>
<td>140</td>
<td>270</td>
<td>270</td>
</tr>
<tr>
<td>Depth of illumination (L1+L2) at 60%</td>
<td>cm</td>
<td>87 (62+25)</td>
<td>58 (28+30)</td>
<td>58 (28+30)</td>
</tr>
<tr>
<td>Total radiated energy Ec</td>
<td>W/m²</td>
<td>119</td>
<td>220</td>
<td>220</td>
</tr>
<tr>
<td>Weight (ceiling, mobile, wall, double)</td>
<td>kg</td>
<td>18-13-12-20</td>
<td>18-13-12-20</td>
<td>18-13-12-20</td>
</tr>
<tr>
<td>Power supply</td>
<td>V/Hz</td>
<td>100-230V</td>
<td>50-60Hz</td>
<td>50-60Hz</td>
</tr>
</tbody>
</table>

**TECHNICAL SPECIFICATIONS**

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  - 50,000 Lux at 1 m
  - indirect light with 12 elliptic reflectors.
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- **PENTALED 28**
  - 80,000 Lux at 1 m
  - direct light with 28 LED lens
  - double colour selection: 4,500 or 5,000 K
  - light field adjustment

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<td>50,000</td>
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<td>V/Hz</td>
<td>100-230V</td>
<td>50-60Hz</td>
<td>50-60Hz</td>
</tr>
</tbody>
</table>
HEINE DELTA 20® T LED HQ DERMATOSCOPES 10X - 16X

- 31165 HEINE DELTA 20® T LED™ DERMATOSCOPE 2.5V for polarization and immersion - K-262.10.118
- 31166 HEINE DELTA 20® PLUS LED™ DERMATOSCOPE 3.5V (NiMh) for polarization and immersion with rechargeable handle for mains socket - K-262.20.376

Precision HEINE Optics - high quality, achromatic optical system provides unsurpassed sharpness and resolution. Focusing system provides for 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 (31165 only) - 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 - connect to major brand SLR digital cameras with HEINE digital camera lens system. Specially designed lenses integrate the camera and DELTA 20 T or DELTA 20® PLUS optics together to provide highest quality image capturing.

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 OMEGA® 500 INDIRECT OPHTHALMOSCOPE

- 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 0.7 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.
- 31759 HEINE OMEGA 500 UNPLUGGED LED™ 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 HEINE OMEGA 500 LED™ INDIRECT OPHTHALMOSCOPE WITH 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.

5 YEARS WARRANTY

Omega headband comfort:
31165 31168
Omega headband comfort: articulating Rear Hinge provides vertical adjustment of the rear band of the headband for individual placement.
31158
- 31179
**DIGITAL Wi-Fi POLARISED DERMATOSCOPE, CAPILLAROSCOPE, IRIDOSCOPE**

An innovative line of handheld colour digital microscopes: dermatoscope with polarized filter, capillaroscope and iridoscope with Wi-Fi wireless transmission. Small, easy to operate and portable. They can be used with all the most popular smartphones, tablet and PC. Designed in Italy, manufactured in China. Directive 93/43/CEE - Medical device Class I (only 32181 and 32183).

- **32181 Wi-Fi DERMATOSCOPE with polarized filter**
- **32183 Wi-Fi CAPILLAROSCOPE**
- **32184 Wi-Fi IRIDOSCOPE**

**TECHNICAL SPECIFICATIONS**

<table>
<thead>
<tr>
<th>DERMATOSCOPE SPECIFICATIONS</th>
<th>CAPILLAROSCOPE SPECIFICATIONS</th>
<th>IRIDOSCOPE SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Magnification:</strong> 5X to 200X</td>
<td><strong>Magnification:</strong> 500X to 600X</td>
<td><strong>Magnification:</strong> 20X</td>
</tr>
<tr>
<td><strong>Light source:</strong> 8 adjustable white LED</td>
<td><strong>Light source:</strong> 8 adjustable white LED</td>
<td><strong>Light source:</strong> 2 adjustable white LED+ 2 adjustable yellow LED</td>
</tr>
<tr>
<td><strong>Lens:</strong> High definition microscopy lens</td>
<td><strong>Lens:</strong> High definition microscopy lens</td>
<td><strong>Lens:</strong> High definition microscopy lens</td>
</tr>
</tbody>
</table>

**Operation system**
- Windows, OS X, iOS, Android (It can be used by Wi-Fi or USB)

**Photo and video resolution**
- 1.3 MPixels - 1280x1024 (MPJPG), 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 - appx. 2 hours, full charging time - appx. 2 hours

**Power source**
- DC 5.0V / 1A

**Size - Weight**
- Ø 36x142 mm - 88 g

**CAMERA**
- Camera sensor: CMOS 1/4"

**STANDARD ACCESSORIES**
- Caps of contact (only for 32181)
- USB AC adapter
- USB cable
- Quick manual
- Plastic stand
- Line calibration ruler

**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.

- 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
- very low cost of using 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® Pro is supplied in a case with lanyard, batteries and manual (GB, FR, IT, ES)

**BODTEMPERATURE OBJECTS MEMORY AMBIENT CALIBRATION MQCS**

**TECHNICAL SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Forehead measuring range</th>
<th>Measuring range (apart from forehead)</th>
<th>Room temperature working range</th>
</tr>
</thead>
<tbody>
<tr>
<td>34.0/42.5°C (93.2/108.5°F)</td>
<td>1.0°/80°C (33.8/176°F)</td>
<td>16/40°C (50/104°F)</td>
</tr>
</tbody>
</table>

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
DIGITAL Wi-Fi & USB VIDEOOTOSCOPE + SOFTWARE

- 32180 MIC Wi-Fi & USB VIDEOOTOSCOPE 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.

TECHNICAL SPECIFICATIONS

- Operation system: Windows, OS X, iOS, Android
- Photo and video resolution: 1.3 MPixels - 1280x1024 (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"
- 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
- CD software and manual (GB, FR, IT, ES, DE)

LUXAMED AURIS LED OTOSCOPE - MADE IN GERMANY

- 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).

BULB OR LED PENLIGHTS

- 25434 Stylo torch
- 25436 Omega Torch
- 25437 Omega Torch
- 25624 GIMA torch
- 25440 Nova torch
- 25442 Argenta torch

GIMA code | Description | Light | Material | Supplied with batteries | Colour | Packaging | Origin | on/off by |
----------|-------------|------|----------|-------------------------|-------|----------|--------|---------|
25434     | Stylo torch | bulb | metal    | 2 x AAA                 |       | Blister  | Asia   | Push button |
25436     | Omega Torch | LED  | metal    | 2 x AAA                 |       | Plastic case | Asia   | Pocket clip |
25437     | Omega Torch | LED  | metal    | 2 x AAA                 |       | Plastic case | Asia   | Pocket clip |
25624     | GIMA torch  | LED  | metal    | 2 x AAA                 |       | Plastic case | Asia   | Push button |
25440     | Nova torch  | LED  | plastic  | 2 x AAA                 |       | Box      | Germany | Pocket clip |
25442     | Argenta torch | LED  | metal    | 2 x AAA                 |       | Box      | Germany | Pocket clip |
ERKA FINESSÉ STETHOSCOPES - MADE IN GERMANY

FINESSÉ 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.

FINESSÉ² 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.

FEATURES

### FINESSÉ
- Pre-tensioned ERKA. convex membrane provides excellent resonance and sound.
- Non-chill ring ensures highest patient comfort.
- Superior polish, chromium-plated, non-porous surface and brass chest-piece ensure perfect surface hygiene.
- Two internal channels run parallel in the stethoscope tubing preventing any noise caused by friction of two separate tubes.
- Through the separately integrated spring in the tube, there is no acoustic loss from the chest-piece to the ear.
- Ergonomic design and super soft tips provide excellent acoustic seal against external noise interference and maximize user's comfort.
- Standard 15° inclined binaurals can be individually adapted to the specific ear canal of the user.

### FINESSÉ²

#### FEATURES

- Membrane side guarantees optimal auscultation for the entire frequency spectrum.
- Open bell side is specifically designed for low frequencies.

#### FINESSÉ STETHOSCOPES
- With the reversible double chest-piece you'll be prepared for all eventualities in everyday medical practice.
- The membrane side guarantees optimal auscultation.
- The open bell side is specifically designed for low frequencies.

#### FINESSÉ² STETHOSCOPES
- The reversible, combined chest-piece has two membrane sides.
- Each membrane side makes the full frequency range perfectly audible.
- The large membrane is suitable for auscultation of adults.
- The small one is for children or slim patients.

### ERKA FINESSÉ STETHOSCOPES - MADE IN GERMANY

ERMAPHON 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).

### TABLE

<table>
<thead>
<tr>
<th>GIMA code</th>
<th>ERKA code</th>
<th>ERKA STETHOSCOPES - tubing length - 55 cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>FINESSÉ LIGHT ADULT - head Ø 44.5/33.5 mm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>32250</td>
<td>520 000 00</td>
<td>Finesse light</td>
</tr>
<tr>
<td>32251</td>
<td>520 000 20</td>
<td>Finesse light - navy blue</td>
</tr>
<tr>
<td>32252</td>
<td>520 000 55</td>
<td>Finesse light - dark green</td>
</tr>
<tr>
<td>FINESSÉ PEDIATRIC - head Ø 31/26.5 mm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>32256</td>
<td>549 000 00</td>
<td>Finesse pediatric</td>
</tr>
<tr>
<td>32257</td>
<td>549 000 25</td>
<td>Finesse pediatric - light blue</td>
</tr>
<tr>
<td>32258</td>
<td>549 000 35</td>
<td>Finesse pediatric - pink</td>
</tr>
<tr>
<td>FINESSÉ ADULT - head Ø 44.5/33.5 mm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>32262</td>
<td>550 000 00</td>
<td>Finesse adult</td>
</tr>
<tr>
<td>32263</td>
<td>550 000 05</td>
<td>Finesse adult - dark grey</td>
</tr>
<tr>
<td>32264</td>
<td>550 000 20</td>
<td>Finesse adult - black</td>
</tr>
<tr>
<td>32265</td>
<td>550 000 55</td>
<td>Finesse adult - navy blue</td>
</tr>
<tr>
<td>32266</td>
<td>550 000 60</td>
<td>Finesse adult - burgundy</td>
</tr>
<tr>
<td>FINESSÉ² PEDIATRIC - head Ø 30/21.3 mm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>32270</td>
<td>536 000 00</td>
<td>Finesse² pediatric</td>
</tr>
<tr>
<td>32271</td>
<td>536 000 35</td>
<td>Finesse² pediatric - pink</td>
</tr>
<tr>
<td>FINESSÉ² ADULT - head Ø 47/30 mm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>32275</td>
<td>535 000 00</td>
<td>Finesse² adult</td>
</tr>
<tr>
<td>32276</td>
<td>535 000 05</td>
<td>Finesse² adult - black</td>
</tr>
<tr>
<td>32277</td>
<td>535 000 20</td>
<td>Finesse² adult - navy blue</td>
</tr>
</tbody>
</table>

ERKA FINESSÉ STETHOSCOPES
- Finesse and Finesse² are supplied with carrying bag.

FEATURES Finesse
- Pre-tensioned ERKA. convex membrane provides excellent resonance and sound.
- Non-chill ring ensures highest patient comfort.
- Superior polish, chromium-plated, non-porous surface and brass chest-piece ensure perfect surface hygiene.
- Two internal channels run parallel in the stethoscope tubing preventing any noise caused by friction of two separate tubes.
- Through the separately integrated spring in the tube, there is no acoustic loss from the chest-piece to the ear.
- Ergonomic design and super soft tips provide excellent acoustic seal against external noise interference and maximize user's comfort.
- Standard 15° inclined binaurals can be individually adapted to the specific ear canal of the user.

FEATURES FINESSE²
- Membrane side guarantees optimal auscultation for the entire frequency spectrum.
- Open bell side is specifically designed for low frequencies.

ERKA FINESSÉ STETHOSCOPES
- 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).
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)
- adult and pediatric two-sides chestpiece
- small-side diaphragm prevents debris in open bell
- next generation longer-life tubing
- small side converts to open bell
- snap tight soft-sealing eartips

---

CMS-M MULTI-FUNCTIONAL VISUAL STETHOSCOPE
- 32596 MULTI-FUNCTION STETHOSCOPE with SpO₂ probe, USB cable and adapter
- 32598 SpO₂ PROBE - spare

Multi-function visual stethoscope with real time display of ECG waveform, heart rate and pulse oximeter.
- Compact and portable, easy to use.
- Adjustable screen contrast
- Adult SpO₂ sensor
- Alarm function for SpO₂ and Pulse rate
- Low power consumption

TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Range/Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heart rate</td>
<td>30 - 300 bpm</td>
</tr>
<tr>
<td>Accuracy</td>
<td>±2 bpm</td>
</tr>
<tr>
<td>Pulse rate</td>
<td>30 - 250 bpm</td>
</tr>
<tr>
<td>Accuracy</td>
<td>±2% (select larger)</td>
</tr>
<tr>
<td>SpO₂</td>
<td>0% - 100%</td>
</tr>
<tr>
<td>Accuracy</td>
<td>±2% ±2%</td>
</tr>
<tr>
<td>Battery</td>
<td>Rechargeable lithium battery DC 3.7V</td>
</tr>
<tr>
<td>Display</td>
<td>2.7&quot; LCD</td>
</tr>
<tr>
<td>Size</td>
<td>87x63x19 mm</td>
</tr>
</tbody>
</table>

---

CMS-VESD MULTI-FUNCTIONAL VISUAL STETHOSCOPE
- 32597 MULTI-FUNCTION VISUAL STETHOSCOPE with SpO₂ probe, USB cable and adapter, earphone
- 32598 SpO₂ PROBE - spare

The device contains stethoscope function and displays ECG waveform, heart rate, SpO₂, 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 SpO₂ and pulse rate exceeding limits
- Real-time detecting, data storage and review
- Real-time clock

TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Range/Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heart rate</td>
<td>20 - 230 Hz</td>
</tr>
<tr>
<td>Lung</td>
<td>100 - 800 Hz</td>
</tr>
<tr>
<td>H&amp;L</td>
<td>20 - 800 Hz</td>
</tr>
<tr>
<td>Heart rate</td>
<td>30 - 300 bpm</td>
</tr>
<tr>
<td>Accuracy</td>
<td>±2 bpm</td>
</tr>
<tr>
<td>Pulse rate</td>
<td>30 - 250 bpm</td>
</tr>
<tr>
<td>Accuracy</td>
<td>±2 bpm or ±2% (select larger)</td>
</tr>
<tr>
<td>SpO₂</td>
<td>0% - 100%</td>
</tr>
<tr>
<td>Accuracy</td>
<td>70% - 100% ±2% ±2% &lt;70% unspecified</td>
</tr>
<tr>
<td>Battery</td>
<td>3.7V rechargeable lithium battery</td>
</tr>
<tr>
<td>Display</td>
<td>2.4&quot; colour TFT</td>
</tr>
<tr>
<td>Size</td>
<td>110x60x14 mm</td>
</tr>
</tbody>
</table>
OMRON DIGITAL BLOOD PRESSURE METERS

- **32944 OMRON M2 HEM-7121-E** with Easy cuff 22-32 cm
- **32945 ADULT EASY CUFF 22-32 cm - HEM-CR24 - spare**
- **32929 AC/DC ADAPTOR**

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.

---

DENVER SPHYGMO

- **32744 DENVER SPHYGMOMANOMETER - trolley**
  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 and cotton cuff with D-ring. 2-tube adult latex bladder, standard latex bulb, air-release valve with spring, spiral PVC tube (1.8 m).
  - **32839 CHILD CALIBRATED CUFF**
  - **32850 ADULT CALIBRATED CUFF - spare**
  - **32841 ADULT CALIBRATED LARGE CUFF**

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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 bulb and batteries)
  - handle in accordance with ISO 7376 (green standard)
  Made in Germany.

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**TECHNICAL SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Model</th>
<th>Measuring method</th>
<th>Measuring range</th>
<th>Memory (with data and time)</th>
<th>Inflation</th>
<th>Deflation</th>
<th>Rating</th>
<th>Power source</th>
<th>Battery life (N° of measurements)</th>
<th>Protection against electric shock</th>
<th>Weight (console+cuff)</th>
<th>Size</th>
<th>Measurable circumference</th>
</tr>
</thead>
<tbody>
<tr>
<td>32944 M2</td>
<td>oscilometric</td>
<td>0 mmHg to 299 mmHg ± 3 mmHg</td>
<td>30 60x2 users 100b2 users 60</td>
<td>fuzzy logic controlled by electric pump</td>
<td>automatic pressure release valve</td>
<td>automatic</td>
<td>4 “AA” batteries 1.5V</td>
<td>1000</td>
<td>internally powered ME equipment (when using batteries)</td>
<td>250×150 g</td>
<td>104×86×129 mm</td>
<td>22-32 cm</td>
</tr>
<tr>
<td>32928 M3</td>
<td></td>
<td>40 to 180 min ± 5% of display reading</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>4 “AA” batteries 1.5V</td>
<td>1000</td>
<td></td>
<td>280×170 g</td>
<td>107×141×79 mm</td>
<td>22-42 (arm)</td>
</tr>
<tr>
<td>32934 M6</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>2 “AAA”batteries 1.5V</td>
<td>1000</td>
<td></td>
<td>300 g</td>
<td>124×161×90 mm</td>
<td>22-42 (arm)</td>
</tr>
<tr>
<td>32932 RS3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>78×60×21 mm</td>
<td>13.5-21.5 (wrist)</td>
<td></td>
</tr>
</tbody>
</table>
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.

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.

- packaged sterile and ready for use
- colour coded pouch with directions for use
- 5 sizes fitting a wide range of patients.

Airway connector: 15 mm ISO 5356-1

Smaller than the operator’s thumb, AURA-i is the ideal solution for a range of medical and anesthesia professionals look for a disposable laryngeal mask for a wide range of applications.

90° orientation for fast and easy insertion

- colourful coded design is easy to identify
- full set of navigation marks
- built-in anatomically correct curve
- smooth without ridges or fins that could scratch delicate tissue
- reinforced tip resists folding over during insertion and plucks the upper esophageal sphincter

Direct endotracheal intubation using a flexible scope and standard ET-tubes

TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Code</th>
<th>Code AMBU® AURA-i™</th>
<th>Patient weight</th>
<th>Maximum cuff inflation volume</th>
<th>Mask ET-Tubes</th>
</tr>
</thead>
<tbody>
<tr>
<td>34593</td>
<td>Laryngeal Mask N 2 - pink</td>
<td>10-20 kg</td>
<td>10 ml</td>
<td>5.0</td>
</tr>
<tr>
<td>34594</td>
<td>Laryngeal Mask N 2.5 - violet</td>
<td>20-30 kg</td>
<td>14 ml</td>
<td>5.5</td>
</tr>
<tr>
<td>34595</td>
<td>Laryngeal Mask N 3 - green</td>
<td>30-50 kg</td>
<td>20 ml</td>
<td>6.5</td>
</tr>
<tr>
<td>34596</td>
<td>Laryngeal Mask N 4 - orange</td>
<td>50-70kg</td>
<td>30 ml</td>
<td>7.5</td>
</tr>
<tr>
<td>34597</td>
<td>Laryngeal Mask N 5 - blue</td>
<td>70-100 kg</td>
<td>40 ml</td>
<td>8.0</td>
</tr>
</tbody>
</table>

SONOLINE C COLOUR SCREEN DOPPLER

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
- optional probes: 2, 3, 4, 8 MHz probe

Suitable for use after the 12th week of pregnancy

TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Code</th>
<th>Code SONOLINE Colour screen doppler - without probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>29480</td>
<td>29481 2 MHz probe - gynaecology</td>
</tr>
<tr>
<td>29481</td>
<td>29482 3 MHz probe - gynaecology</td>
</tr>
<tr>
<td>29482</td>
<td>29483 4 MHz probe - vascular</td>
</tr>
<tr>
<td>29483</td>
<td>29484 8 MHz probe - vascular</td>
</tr>
</tbody>
</table>
SPIROLAB 7” TOUCHSCREEN SPIROMETER WITH SPO₂ OPTION

- **33519** SPIROLAB® 7” TOUCHSCREEN SPIROMETER
- **33520** SPIROLAB® 7” TOUCHSCREEN SPIROMETER WITH SPO₂

Fast, simple, durable diagnostic spirometer, made in Italy.

**Unbeatable features**
- FVC, VC, MMV, 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 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.

Flow MIR® disposable flowmeter - complies with ATS/ERS standard
Guarantees 100% hygiene, no cross contamination.
No calibration required.

**Suitable for children**
Patented pediatric incentive directly on the screen.

Winspiro PRO®
High performances PC software for spirometry and oximetry.
Multilanguage software: GB, FR, IT, ES, DE, PT

**Summary of all tests carried out**
Printout: spirometry report

**STANDARD ACCESSORIES**
- Carrying case
- Software Winspiro PRO®
- Battery charger
- USB port and cable
- 1 roll thermal paper
- SpO₂ adult sensor (33520 only)
- Reusable turbine
- Nose clip

**CD manual: GB, FR, IT, ES, DE, PT**

**PEDIATRIC INCENTIVE SYSTEM**
**DATABASE FOR 10,000 TESTS**
**7” TOUCHSCREEN**
**USB 2.0, BLUETOOTH 2.1**

**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 H₂O/L/s
- Connectivity: USB 2.0, Bluetooth®
- 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
- Electromagnetic compatibility EN 60601-1-2

**TECHNICAL SPECIFICATIONS - OXIMETRY (33520 only)**
- SpO₂ range: 0-99%
- SpO₂ accuracy: ±2% between 70-99% SpO₂
- Pulse Rate range: 18-300 BPM
- Pulse Rate accuracy: ±2 BPM or 2% whichever is greater
- Memory capacity: up to 500 hours oximetry

**OXIMETRY PARAMETERS (33520 only)**
- %SpO₂ and Pulse Rate (Min, Max, Average), Test duration, Total SpO₂ Events, T90% (SpO₂ time ≥90%), T89% (SpO₂ time ≥89%), T40 (Bradycardia duration with Pulse Rate <40 BPM), T120 (Tachycardia duration with Pulse Rate >120 BPM)

**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, FEV0.4/FVC, FEV0.75, FEV0.75/FVC, FEV2, FEV2/FVC, FEV3, FEV3/FVC, FEV2, FEV0.4/FEV6, FEV1/FEV6, FEV1/FVC, FEV1, FIV1/FIVC, FIV1, FIV25, FIV50, FIV75, FIV50/FIV50, VC, IVC, IC, ERV, FRC, RF, VE, VT, tI, tE, VT/TOT, MVV (measured), MVV (calculated).

**WINSPIRO PRO® 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
DIGITAL 12 CHANNEL COLOUR ECG

- 33223 12 CHANNEL ECG 1200G
  - 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
  - built-in lithium rechargeable battery
  - high-accurate digital filter eliminates baseline drift and distortion to ECG waveform
  - store up to 100 cases in a SD card (not included)
  - built-in rechargeable lithium detachable battery can continuously work for 4 hours, print up to 90 minutes and 150 ECG
  - easy to diagnose
  - historical data can be printed at any time, permanently, easy to check and analyze
  - ECG data can be saved to cloud Platform
  - Bluetooth transmission
  - accurate conclusion can be obtained immediately after measuring
  - continuously record for up to 500 cases with built-in rechargeable lithium battery in full charge
  - quick ECG test with a simple touch.
  - 1.77" colour TFT-LCD
  - standard 12 leads
  - built-in lithium battery

CARDIOPOCKET ECG - 3 CHANNELS

- 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, Q-T interval, Q-Tc, P Axis, QRS Axis, T Axis, R(V5), S(V1), R(V5)+S(V1)
  - 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 distortion to ECG waveform
  - ECG-Sync software to form an ECG workstation

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 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.

Features:
- 1.77" colour TFT-LCD
- quick ECG test with a simple touch.
- 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

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)
- cable for connection to PC

TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Input way</th>
<th>Floating and defibrillation protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lead</td>
<td>Standard 12 leads</td>
</tr>
<tr>
<td>Patient leak current</td>
<td>&lt; 10 μA</td>
</tr>
<tr>
<td>Input impedance</td>
<td>≥ 5 MΩ</td>
</tr>
<tr>
<td>Frequency response</td>
<td>0.05 – 150 Hz (-3 - + 0.4 dB)</td>
</tr>
<tr>
<td>Time constant</td>
<td>≥ 3.2 s</td>
</tr>
<tr>
<td>CMRR</td>
<td>&gt;60 dB, &gt; 100 dB (adding filter)</td>
</tr>
<tr>
<td>EMG interference filter</td>
<td>2535 Hz (3 dB)</td>
</tr>
<tr>
<td>Thermal paper</td>
<td>210 mm x 20 m high-speed</td>
</tr>
<tr>
<td>Paper speed</td>
<td>6.25, 10, 12.5, 25, 50 mm/s, ±5%</td>
</tr>
<tr>
<td>Auto record</td>
<td>Record setup according to auto record format and mode, automatically changing leads, measuring and analyzing.</td>
</tr>
<tr>
<td>Manual record</td>
<td>Record setup according to manual record format, manually changing leads.</td>
</tr>
<tr>
<td>Measurement parameters</td>
<td>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)</td>
</tr>
</tbody>
</table>

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)
- 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 take further 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

- 1.77" colour TFT-LCD
- quick ECG test with a simple touch.
- 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
CHISON ECO1 AND ECO3EXP. DIGITAL ULTRASOUND SYSTEM

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 - trapezoidal
- i-image intelligent image optimization - automatic PW trace
- THI (Tissue Harmonic Imaging) - Chroma
- SRA (Speckle Reduction Algorithm) - full digital beam-former
- full screen display - full digital beam-former - 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 in our websites

EASYVIEW™ Archive system
- image archive on hard disk and USB mobile storage medium
- 3 USB ports
- multiple image formats: BMP, JPG, DCM, CIN
- cine review: auto, manual (auto review segment can be set) for 2D, M images
- cine memory capacity (256 frames/8s)

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 rechargeable lithium-ion battery (ECO1 option, ECO3EXP. standard)

LANGUAGE - switchable by user
Software
GB IT FR ES DE CN RU
User manual • • • • • • •

CHISON ECO5 COLOUR DOPPLER DIGITAL ULTRASOUND SYSTEM

- 33865 CHISON ECOS 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, M, B/M, PW (ECO3EXP. only) multi-frequency imaging

Display modes and 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 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 rechargeable lithium-ion battery

PROBES AND ACCESSORIES FOR CHISON ECO SERIES

<table>
<thead>
<tr>
<th>PROBES ECO1-3-5</th>
<th>FREQUENCY(MHZ)</th>
<th>Main application</th>
</tr>
</thead>
<tbody>
<tr>
<td>33998 C3-A Convex</td>
<td>3.5</td>
<td>2.5 - 5.0</td>
</tr>
<tr>
<td>33999 L7M-A Linear</td>
<td>7.5</td>
<td>5.3 - 10.0</td>
</tr>
<tr>
<td>33871 L7S-A Linear</td>
<td>9.0</td>
<td>5.3 - 11.0</td>
</tr>
<tr>
<td>33872 V6-A Trans-vaginal</td>
<td>6.0</td>
<td>4.5 - 8.0</td>
</tr>
<tr>
<td>33997 MC6-A Micro-convex</td>
<td>6.0</td>
<td>4.5 - 8.0</td>
</tr>
<tr>
<td>33873 R7-A Trans-rectal</td>
<td>7.5</td>
<td>5.0 - 10.0</td>
</tr>
<tr>
<td>33874 MC3-A Micro-convex</td>
<td>3.0</td>
<td>2.5 - 5.0</td>
</tr>
</tbody>
</table>

*For ECO3EXP. and ECOS only

CHISON ECO3EXP. With PW (pulse doppler)

<table>
<thead>
<tr>
<th>GIMA code</th>
<th>ECO SERIES ACCESSORIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>33867</td>
<td>CHISON trolley TR-9000</td>
</tr>
<tr>
<td>33868</td>
<td>Carrying bag</td>
</tr>
<tr>
<td>33866</td>
<td>Needle guided brackets - specify for which probe</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>GIMA code</th>
<th>CHISON ECO SERIES ACCESSORIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>33869</td>
<td>Rechargeable lithium-ion battery BT-2500 (2.5 hours)</td>
</tr>
<tr>
<td>33867</td>
<td>ECO trolley TR-9000</td>
</tr>
<tr>
<td>33868</td>
<td>Carrying bag</td>
</tr>
<tr>
<td>33866</td>
<td>Needle guided brackets - specify for which probe</td>
</tr>
</tbody>
</table>

33865 SonY UP-x898 MD B&W printer (for ECO1 and ECO3EXP.)

33867 SonY UP25MD colour printer (for ECOS)
PC-300 SPOT CHECK BLUE TOOTH MONITOR

PC-300 handheld Spot-check monitor measures SpO₂, 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 SpO₂ pediatric probe
- optional ECG and Glucometer
- built-in rechargeable lithium battery
- communication protocols available on request

TECHNICAL SPECIFICATIONS

SpO₂
Measuring range: 35%-100%
Accuracy: ±3% (70-100%)

Pulse 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

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 | SpO₂, pediatric probe - optional
35165 | SpO₂, adult probe - spare
35166 | NIBP pediatric cuff 10-19 cm - optional
35167 | NIBP adult cuff 22-30 cm - spare
35170 | Ear infrared thermometer
35171 | Ear probe cover - box of 500
35172 | Lithium battery - spare

GIMA code | PC-300 ACCESSORIES: glucose and ECG (optional)
--- | ---
23890 | Glucose monitor On Call Plus II™ - IT, GR
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
23912 | Glucose strips - box of 50
23913 | Glucose strips - box of 100
35176 | Glucose monitor USB cable
35178 | ECG module™ need 33248
33248 | ECG pin lead cable 3 leads

See glucose monitor accessories at page
See electrodes at page
*Needs USB cable 35176 to connect to PC-300
**ECG module can be used without 3 leads cable (palm mode)

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.

Screen brightness, volume and display mode can be adjusted

320x240 TFT screen and LCD
Menu operation easy to use

35101

35102 LITHIUM RECHARGEABLE BATTERY - spare
35105 SpO₂ FINGER-PROBE - adult or child over 15 kg - spare
35106 PEDIATRIC PROBE 3-15 kg - reusable - needs 35107
35107 NEONATAL PROBE <3 kg - reusable - needs 35107
35109 NEONATAL PROBE - disposable
35108 EXTENSION CABLE necessary for 35107, 35109

TECHNICAL SPECIFICATIONS

Power supply: 100-240 V, 50/60 Hz
A rechargeable lithium battery
SpO₂ 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 (English, Italian)
IHEALTH BODY ACTIVITY TRACKER - WRIST/BELT

• 23531 iHEALTH EDGE WIRELESS ACTIVITY AND SLEEP TRACKER
• 23532 iHEALTH WAVE WIRELESS ACTIVITY AND SLEEP TRACKER

- available January 2016
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).

- display room temperature and humidity
-reserve 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:
- track data, graphs and history on the iHealth MyVitals App
- define goals and add activity reminders to stay motivated
- free and secure data storage

IHEALTH TRACK CONNECTED ARM BLOOD PRESSURE MONITOR

• 23499 iHEALTH TRACK CONNECTED ARM B.P.M.

iHEALTH Track features
- 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 (22-42cm)
- colour changing display
- easy to use and comfortable
- 60 memories
- one-Click: save all your measurements in your MyVitals App account

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

TECHNICAL SPECIFICATIONS
Connectivity: Bluetooth 4.0
Size: 98x98x46 mm
Cuff circumference: 22-42 cm
Weight: 438 g (cuff + batteries included)
Measuring method: Oscillometric, with automatic inflation and deflation

IHEALTH BODY ANALYSIS SCALE

• 23508 HS6 iHEALTH CORE 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
Size: 350x350x28.5 mm
Weight: 2500 g
Battery: 4 AAA batteries 1.5V (included)
Range: 5-180 kg
Accuracy: ±1 % (50-180 kg)