HEINE DELTA 20® T LED® HQ DERMATOSCOPIES 10X - 16X

- 31165 HEINE DELTA 20® T LED® DERMATOSCOPE 2.5V for polarization and immersion - K-262.10.118
- 31165 HEINE DELTA 20® T LED® DERMATOSCOPE 3.5V (Li-ion) for polarization and immersion with rechargeable handle for mains socket and USB cable - K-262.28.388

Precision HEINE Optics - high quality, achromatic optical system provides unsurpassed sharpness and resolution. Focusing system provides from 10X to 16X magnification for detection of even the smallest details and structures.

LED in HQ - the new standard in LED illumination defining optimal light intensity, homogeneity and colour rendering for each individual examination - Colour temperature: 5,000 K, Colour Rendering Index (CRI) > 80 on a scale of 100. This ensures true tissue colour for the most accurate diagnosis. Toggle between polarised and non-polarised illumination modes - conveniently alternate between two modes with the press of a button - no exchange of contact plates necessary. Allows recognition of the “Blink Sign” when observing crystalline structures and presence of milia cysts, increasing diagnostic function.

Optional small contact plate for difficult to access lesions. Digital documentation capabilities - Heine SLR photo adapter allows to connect any Delta 20 dermatoscope to major brands of digital cameras. LED Thermal Management - ensure long-term performance and product stability. Carefully selected and applied heat-diffusing materials guarantee up to 50,000 hours.

Supplied with hard case, dermatoscopy compendium, 10 ml oil. - 31162 HEINE DELTA T LED DERMATOSCOPE HEAD with contact plate with graduated scale - K-008.34.221 (can be used with any Heine Beta handle). Supplied with compendium. - 31179 SMALL CONTACT PLATE Ø 8 mm - K-000.34.205 - 31171 SLR PHOTO ADAPTOR - for Canon - 31173 SLR PHOTO ADAPTOR - for Nikon - 31174 SLR PHOTO ADAPTOR - for Olympus - 31169 ADAPTOR CORD - 1.30 m - 31183 DERMATOLOGY OIL - box of 4 bottles of 12.5 ml

HEINE MINI 3000 DERMATOSCOPES

- 31184 HEINE MINI 3000 XENON-HALOGEN DERMATOSCOPE 10X - D-001.78.107 Pocket dermatoscope with high-quality optics, 10X magnification with focusing optics, metal head. Xenon Halogen bulb. Concentrated, bright light for uniform illumination with exact colour rendering. High quality colour-neutral optic system with achromatic lenses, provides sharp images.

Contact plate without scale. Supplied with dermoscopic compendium and oil. Operates with AA batteries or rechargeable batteries (31693) + Mini 3000 NT charger (31692) not included.

- 31160 HEINE MINI 3000 LED™ DERMATOSCOPE 10X - D-008-78-109 - same as 31184, with the addition of:
  - High-performance bright and homogeneous LED illumination with an excellent colour rendering (index >95). Colour temperature 4,000 K. Twice brighter light compared to Xenon Halogen Maintenance free.
  - Fade-out function: reduces illumination intensity with battery level to let you know when to replace. Up to 10 hours operation time.
  - 31692 HEINE MINI 3000 NT CHARGER - X-001.99.484
  - 31693 BATTERY+BASE - X-001.99.487 + X-001.99.488

HEINE NC1 LED DERMATOSCOPE

- 31158 HEINE NC1 LED DERMATOSCOPE - D-008.78.132 LED thermal management - LED illumination systems require thermal management. Carefully selected heat-diffusing materials guarantee consistent quality and performance for up to 50,000 hours. Aluminium frame - more stability to the device for a long working life.

Non-Contact Dermatoscope - examining patients without touching the skin saves time and provides more professional distance between examiner and investigation area. Polarisated illumination for detailed views of the crystalline and vascular structures. Allows examinations without contact liquids.

Precision HEINE Optics with 6X magnification - high-quality, aspherical optical system provides unsurpassed sharpness and resolution. LED in HQ - optimal light intensity, homogeneity and colour rendering for each individual examination - Colour temperature: 5,000 K, Colour Rendering Index (CRI) 80, special index for red colours (R9) 35 on a maximum scale of 100. This ensures true tissue colour for the most accurate diagnosis.

Optional Contact Plate with additional magnification - adding the contact plate transforms NC1 in a contact dermoscopy, increasing magnification (9X) plus offering a scale. It combines the speed and ease of use of non-contact dermoscopy with the detail and precision of a contact device.

- 31159 CONTACT PLATE WITH SCALE - D-000.78.115

GIMA XENON HALOGEN SKIN SURFACE MICROSCOPE 10X

- 31187 GIMA XENON HALOGEN DERMATOSCOPE 2.5 V - 10X Advanced skin surface microscope offers long-lasting halogen illumination for the true tissue colour and 10X magnification for greater details, allowing accurate diagnoses of pigmented skin lesion. Supplied in a useful bag, with spare autoclavable contact plate with 0-10 mm scale. Latex free.
  - 31183 DERMATOLOGY OIL box of 4 bottles of 12.5 ml
  - 32203 °C BATTERIES - blister of 2 pcs.
  - 31479 XENON HALOGEN BULB - 2.5V - spare
  - 31185 SKIN LESION GAUGE - 21x5 cm

Available with your logo for min. 2,000 pcs.
**MD SCOPE VIDEO OTOSCOPE**

**Instant View**
A clear and sharp image can be acquired and displayed instantly on a built-in screen. Just press a single button and wait for 3 seconds.

**Real Time Interaction**
The medical image can be captured and shared simultaneously with patients. A true improved interaction between the health professionals and the patients.

**Electronic medical record**
A medical image is automatically generated to support most of the stand-alone health information system. Simply plug the cable into the video-out socket to retrieve the image.

**Detachable camera modules** are designed for different examinations as needed.

**Basic software included for acquisition of photos, videos, measurements, google/apple applications**

**DIGITAL Wi-Fi & USB VIDEOTOSCOPE + SOFTWARE**

**32160 ELITE PACK**
MD Scope with
- 1 camera probe 45 mm Ø 5.2 mm
- RCA video cable
- 24 disposable specula
- 2 AA alkaline batteries

**32161 DELUXE ZIPPER PACK - 2 cameras**
- 2 camera probes 45 (Ø 5.2 mm)/150 (32161)
- 4 camera probes 45 (Ø 5.2 mm)/75/150/300 mm (32162)
- image dongle (32162 only)
- cable set (32176): USB and RCA cable, adaptor for image dongle
- 24 disposable specula
- 2 AA alkaline batteries

**32162 DELUXE ZIPPER PACK - 4 cameras**
- 2 camera probes 45 (Ø 5.2 mm)/150 (32161)
- 4 camera probes 45 (Ø 5.2 mm)/75/150/300 mm (32162)
- image dongle (32162 only)
- cable set (32176): USB and RCA cable, adaptor for image dongle
- 24 disposable specula
- 2 AA alkaline batteries

**32165**
Camera probe 45 x Ø 5.2 mm

**32166**
Camera probe 47 x Ø 4.2 mm

**32167**
Long camera probe 75 x Ø 5.2 mm

**32168**
Flexible camera probe 150 x Ø 5.2 mm

**32169**
Long flexible camera probe 300 x Ø 5.2 mm

**32172**
Disposable rigid specula Ø 5.5 mm

**32173**
Reusable silicone specula Ø 4.2 mm

**32174**
Cradle for video otoscope

**32176**
Cable set (USB and RCA cable, adaptor)

**TECHNICAL SPECIFICATIONS**
- Operation system: Windows (XP and following), Mac (OSX 10.7 and following), iOS, Android
- Photo and video resolution: 1.3 MPixels - 1,280x1,024 (MJPG), 640x480 (MJPG), 320x240
- Frame rate: 15 fps 1280x1024, 30 fps 640x480 320x240
- Wi-Fi wireless transmission distance: up to 5 m
- Power consumption: max 2.5 W
- Li-ion battery: continuous working time - approx. 2 hours, full charging time - approx. 2 hours
- Power source: DC 5.0 V / 1A
- Size - weight: Ø 36x142 mm - 88 g
- Camera 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: Manual (GB, FR, IT, ES, DE)
- CD basic software Win (GB, IT, ES, DE, PT, RU, BG, TH, JP, KR) Mac (GB)

**US pat. n° 8206290**

**GIMA code**
- ACCESSORIES AND SPARE PARTS
- 32165
- 32166
- 32167
- 32168
- 32169
- 32172
- 32173
- 32174
- 32176

**Battery lifespan:** 4 hours

**Lightweight:** 218 g

**Size:** 8x20 cm

**2.4” colour LCD display**

**Video out port**

**320x240 pixels**

**Image freeze function**
**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 newly illumination system with Xenon Halogen Technology bulb produces less reflexes off the cornea and clear, high resolution bright images of the fundus.
- enhanced variable pupil function: allows for the precise, synchronized selection of observation and illumination optics for any pupil size. It provides stereopsis in pupils ranging from 10 mm to 1 mm.
- fully featured: 3 Spot sizes: Large, Medium and Small. Integrated diffused light filter.
3 Integrated Filters: Red-free, Cobalt Blue, and Yellow.
- Omega headband comfort: articulating Rear Hinge provides vertical adjustment of the rear band of the headband for individual placement.
- 31756 HEINE OMEGA 500 UNPLUGGED LED™ 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 DV1 DIGITAL VIDEO CAMERA - C-008.33.561 with mPack UNPLUGGED with plug-in transformer
- 1280 x 960 imaging: capable of capturing High-Resolution video
- simple operation: digital imaging without any additional adjustments.
- comfortable and balanced fit: headband perfectly distributes the low weight of the camera and optics
- integrated focus adjustment
- interface and software: will plug into any laptop or computer via USB 2.0 interface. Supplied with software program for video recording and image capture. For more information see http://dv1.heine.com
- cable-free power source: system with mPack UNPLUGGED rechargeable battery.

**WELCH ALLYN MACROVIEW™ OTOSCOPE**

- 32100 MACROVIEW™ HEAD - 23810
- 32101 LITHIUM ION HANDLE WITH AC CHARGING MODULE
  - 3.5 V - 71902

This next-generation otoscope features advanced optics that increase magnification while giving you a nearly full view of the tympanic membrane - virtually eliminating the need for panning. With its easy-to-focus eyepiece, MacroView allows for enhanced visualization to help see past wax, locate fluid behind the eardrum, and even perform exams without your glasses.
- twice the field of view
- 30% greater magnification than a traditional otoscope
- nearly a full view of the tympanic membrane
- better clarity and definition of landmarks
- ability to adjust focus for variable ear canal lengths or farsighted eyes
- 32106 KLEENSPEC® ADULT DISPOSABLE EAR SPECULA
  - +20 diopters
  - range is -20 to +20 diopters
- 4.25 mm - box of 850 pcs - 52434-UB
- 32105 KLEENSPEC® PEDIATRIC DISPOSABLE EAR SPECULA
  - 2.75 mm - box of 850 pcs - 52432-UB
- 32135 SPARE HALOGEN BULB - 3.5 V - 06500 U
- 32110 PANOPTIC OPHTHALMOSCOPE HEAD - 11810
- 32110 LITHIUM ION HANDLE WITH AC CHARGING MODULE
  - 3.5 V - 71902

PanOptic is a breakthrough concept in ophthalmoscopy. Thanks to an innovative, optical design known as Axial PointSource™ Optics, it will greatly enhance your funduscopic examinations.
- fast easy entry into small, undilated pupils
- 5X larger field of view than you see with standard ophthalmoscopes in an undilated eye
- 25° field of view versus the 5° field of view of standard ophthalmos's
- a 26% increase in magnification, making it easier to see retinal details
- greater distance between practitioner and patient means greater comfort for all
- 32110 PANOPTIC OPHTHALMOSCOPE HEAD - 11810
- 32110 LITHIUM ION HANDLE WITH AC CHARGING MODULE
  - 3.5 V - 71902

PanOptic Soft Grip ergonomically designed for maximum comfort, balance, and access to controls.
- Aperture Dial: allows you to select micro, small, and large spot sizes. Also includes red-free filter and slit aperture, half-moon aperture for corneal exams
- Patented Axial PointSource™ Optics: makes it easy to enter undilated pupils, and provides a 25° field of view, resulting in a view of the fundus 5 X greater than with a standard ophthalmoscope in an undilated eye
- Dynamic Focusing Wheel: adjusts the focus in a continuous, smooth action for more precise control and optimum view. Available focusing range is -20 to +20 diopters

**WELCH ALLYN PANOPTIC™ OPHTHALMOSCOPE**

- 32110 PANOPTIC OPHTHALMOSCOPE HEAD - 11810
- 32110 LITHIUM ION HANDLE WITH AC CHARGING MODULE
  - 3.5 V - 71902

Patented Axial PointSource™ Optics: makes it easy to enter undilated pupils, and provides a 25° field of view, resulting in a view of the fundus 5 X greater than with a standard ophthalmoscope in an undilated eye
- Dynamic Focusing Wheel: adjusts the focus in a continuous, smooth action for more precise control and optimum view. Available focusing range is -20 to +20 diopters
- Adjustable focus wheel allows to accommodate for variable ear canal lengths and farsighted eyes a full view of the tympanic membrane
- Tip grip ensures ear specula is fastened securely and easily disposed
- Default focus position (the dot and the line)
- Advanced optics give you 2X the field of view and 30% greater magnification than a conventional otoscope
- Insufflation port for pneumatic otoscopy
- Lithium-ion handle with AC charger module compatible with all Welch Allyn instrument heads
- 3.5 V
- 32100
- 32101
HEINE ORIGINAL BULBS

<table>
<thead>
<tr>
<th>HEINE BULBS</th>
<th>HEINE ref.</th>
<th>GIMA code</th>
<th>Compatible with following HEINE products</th>
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<tbody>
<tr>
<td>Xenon 2.5 V</td>
<td>035</td>
<td>31769</td>
<td>Transilluminator Finofit alpha® F.O. and F.O. SP Laryngoscopes - Sanalon handle Glaucoest</td>
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<tr>
<td>Xenon 2.5 V</td>
<td>037</td>
<td>31771</td>
<td>K100 and Beta® 100, Beta® 100 vet otoscopes Laryngolaring mirror F.O. mini 2000 otoscope Alpha® and Alpha F.O. otoscopes Minimini 3000/Alpha/Beta tongue holders</td>
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<td>Xenon 2.5 V</td>
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<td>31773</td>
<td>Microflex opthalmoscope HFP2 spot retinoscope Delta®10 dermatoscope</td>
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<td>31774</td>
<td>Fibralux mini otoscope Mini 2000 combilamp Mini 2000 cliplamp Mini 1000 cliplamp</td>
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<td>042</td>
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<td>Mini 2000, Mini 3000 laringeal mirrors</td>
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<td>069</td>
<td>31781</td>
<td>Beta® 200, 200 M2, 2005 opthalmoscopes - XHL 2.5 V</td>
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<td>077</td>
<td>31772</td>
<td>Beta® 200, 200 VET, 400; K 180 otoscopes Lambda 100 retinometer Delta®10 plus dermatoscope</td>
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<tr>
<td>Xenon 2.5 V</td>
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<td>31782</td>
<td>K180” opthalmoscope - 2.5 V</td>
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<td>Xenon 2.5 V</td>
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<td>31776</td>
<td>Mini 3000 F.O. otoscope</td>
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<td>106</td>
<td>31777</td>
<td>Mini 3000 opthalmoscope</td>
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<td>107</td>
<td>31778</td>
<td>Mini 3000 combilamp and cliplamp - XHL 2.5 V</td>
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<td>109</td>
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<td>Mini 3000 dermatoscope</td>
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<td>31781</td>
<td>Beta 200, 200 M2, 2005 opthalmoscopes - XHL 3.5 V</td>
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<td>108</td>
<td>31782</td>
<td>Beta 200, 200 VET, 400; K 180 otoscopes Lambda 100 retinometer Delta®10 plus dermatoscope</td>
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WELCH ALLYN BULBS

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<th>W. A. ref.</th>
<th>GIMA code</th>
<th>Compatible with following WELCH ALLYN products</th>
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<tbody>
<tr>
<td>03100-U</td>
<td>32124</td>
<td>Otoscopes: 25020, 21700, 20200 Handle: 23500, holder: 28100 Illuminators: 27000, 27050, 26030, 41100, 43300 Old otoscopes: 25000, 25200, 20000</td>
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<tr>
<td>03300-U</td>
<td>32125</td>
<td>Ophthalmos: 11511-11500</td>
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<tr>
<td>03400-U</td>
<td>32126</td>
<td>Otoscopes: 24011-24020-24000-24031-21110/1 Handle: 73550, Illuminators: 27200-27250-41110</td>
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<tr>
<td>03800-U</td>
<td>32127</td>
<td>Pan optic: 11810-11820-11800</td>
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<td>04100-U</td>
<td>32128</td>
<td>Exam light: 48400-48410</td>
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<td>04200-U</td>
<td>32129</td>
<td>Exam light: 48660, 48610-48625-48635, 48700</td>
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<td>04400-U</td>
<td>32130</td>
<td>Ophthalmoscopes: 11400-11411-11470-11475</td>
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<tr>
<td>04700-U</td>
<td>32131</td>
<td>Laryngo: 680, 690, 692 (size 1-2) Old laryngo: 634, 664, 674, 684, 694 (check size)</td>
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<tr>
<td>04800-U</td>
<td>32132</td>
<td>Laryngo: 680 (size 2-4), 690, 692 (size 3-4) Old laryngo: 634, 640, 664, 674, 684, 694 (check size)</td>
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<tr>
<td>04900-U</td>
<td>32133</td>
<td>Ophthalmos: 11720, 11730, 11735, 11620, 11630</td>
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<td>06000-U</td>
<td>32134</td>
<td>Laryngo handles: 60813, 60814, 60713, 60815, 60803, 60804</td>
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<td>06500-U</td>
<td>32135</td>
<td>Macroview otoprobe: 23810, 23820</td>
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<td>07800-U</td>
<td>32136</td>
<td>Handle: 73211, 73210, 78000, 73200</td>
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RIESTER ORIGINAL BULBS

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<th>RIESTER BULBS</th>
<th>RIESTER ref.</th>
<th>GIMA code</th>
<th>Bulb</th>
<th>Compatible with following RIESTER products</th>
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<tr>
<td></td>
<td>10421</td>
<td>31850</td>
<td>Vacuum 2.7 V</td>
<td>Otoscope uni®, speculight</td>
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<td>10424</td>
<td>31851</td>
<td>Vacuum 2.5 V</td>
<td>May-opthalmoscope uni®</td>
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<td>10487</td>
<td>31825</td>
<td>XL 3.5 V xenon</td>
<td>Otoscope ri-scop® L1</td>
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<td>10488</td>
<td>31852</td>
<td>Vacuum 2.7 V</td>
<td>Pen-scop® and e-scop® otoscope</td>
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<td>10489</td>
<td>31560</td>
<td>HL 2.5 V</td>
<td>Otoscope pen-scop®/ri-scop® L1 and e-scop®</td>
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<td>10590</td>
<td>31853</td>
<td>HL 2.5 V</td>
<td>Otoscope uni®</td>
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<td>10600</td>
<td>31854</td>
<td>XL 2.5 V</td>
<td>Otoscope ri-min®, ri-scop® L2/L3 and e-scop®</td>
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<td>10605</td>
<td>31562</td>
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<td>LED 3.7 V</td>
<td>E-scop® F.O otoscope</td>
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<td>31563</td>
<td>LED 3.7 V</td>
<td>E-scop® otalmoscopes</td>
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COMPATIBLE GERMAN BULBS

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<tr>
<th>GIMA BULBS</th>
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<tr>
<td>LARYNGOSCOPE BULBS - MADE IN GERMANY</td>
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<tr>
<td>Conventional laryngoscope SMALL bulb 2.7 V</td>
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<tr>
<td>Conventional laryngoscope LARGE bulb 2.7 V</td>
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<tr>
<td>Xenon halogen bulb for F.O. Laryngoscope and otoscope</td>
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<tr>
<td>OTOSCOPE-OPHTHALMOSCOPE BULBS - MADE IN FRANCE-GERMANY</td>
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<td>Xenon halogen otoscope bulb</td>
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<td>Xenon halogen F.O. otoscope bulb</td>
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<td>Otoscope bulb 2.5V</td>
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<td>Xenon halogen bulb for otoscope 2.5V</td>
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<td>Halogen bulb for opthalmoscope and dermatoscope 2.5V</td>
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<td>OTOP-OPHTHALMO-DERMATOSCOPE BULBS - OTHER COUNTRIES</td>
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<td>Xenon halogen bulbs 3.5 V</td>
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HEINE MINI 3000® XHL AND LED™ OTO AND OPHTHALMOSCOPE

MINI 3000 F.O. XENON OTOSCOPE
- Powerful pocket otoscope in a unique compact design.
- Xenon halogen bulbs for bright illumination and accurate colour rendering.
- 20,000 on/off switch cycles guaranteed.
- Distal Fiber Optic (F.O.) Illumination: Reflex-free illumination of tympanum and ear canal.
- Viewing window with 3X magnification and optimized casing surface for razor-sharp images and minimal reflection.
- Swivelling viewing window built into instrument.
- Pneumatic testing of the tympanum mobility by using the insufflation port and an optional connector.
- Attachment clip with integrated on/off switch.
- Replaceable batteries: size AA or optional rechargeable battery (31693) with mini NT table charger (31692).
- 2-piece handle and head. Easy to maintain, flexible. Compatible with other handles.

MINI 3000 F.O. LED™ OTOSCOPE
All features of F.O. Xenon otoscopes with the addition of:
- Maintenance-free, no need to ever change the LED.
- LED thermal management for a consistent light output throughout the whole working life.
- High-performance-LED: bright and absolutely homogeneous illumination with excellent colour rendering - colour temperature 4,000°K, colour rendering index >95, and >90 rendering index of the colour red.
- Twice as bright as Xenon Halogen instruments.
- Exclusive battery performance indicator.
- Exclusive fade-out function reduces illumination intensity with battery level to let you know when to replace.
- Operation time up to 10 hours.

MINI 3000 XENON OPHTHALMOSCOPES
- Modern pocket opthalmoscope with fixation star aperture.
- Excellent optics and best colour rendering in minimum size.
- XHL Xenon Halogen Technology. Concentrated bright light for perfect illumination, a brilliant image and accurate colour rendering.
- The HEINE optics produce crisp, clear images of the whole area under examination and minimize the reflections.
- 5 different apertures. A full-function instrument incl. fixation star.
- Grey filter for light sensitive patients.
- Range of lenses: 18 lenses from -20D to +20D.
- Easy workflow, because ophthalmoscopy is possible without dilution of the pupils.
- Attachment clip with integrated on/off switch.
- Replaceable batteries. Size AA or optional rechargeable battery (31693) with mini NT table charger (31692).

MINI 3000 LED™ OPHTHALMOSCOPES
- All features of Xenon ophthalmoscope with the addition of:
- Maintenance-free, no need to ever replace the LED.
- LED thermal management for a consistent light output throughout the whole working life.
- High-performance-LED: bright and absolutely homogeneous illumination with an excellent colour rendering - colour temperature 4,000°K, colour rendering index >95, and >90 rendering index of the colour red.
- Exclusive battery performance indicator.
- Exclusive fade-out function reduces illumination intensity with battery level to let you know when to replace.
- Operation time up to 10 hours.

MINI 3000 OTOSCOPE 2.5 V - RECHARGEABLE HANDLE**
- Xenon Set
- LED™ Set
- Both set (Xenon or LED) include one F.O. otoscope head, one ophthalmoscope head, 2 handles, 4 reusable specula (Ø 2.4, 3, 4, 5 mm), 5 disposable specula Ø 4 mm and 5 Ø 2.5 mm in hard case.
- NMH rechargeable battery with bottom insert for Mini 3000 handles.

MINI 3000 OPHTHALMOSCOPES 2.5 V
- Xenon
- Xenon LED™

MINI 3000 OTO-OPHTALMOSET** - hard case
- Xenon Set
- LED™ Set
- Both set (Xenon or LED) include one F.O. otoscope head, one ophthalmoscope head, 2 handles, 4 reusable specula (Ø 2.4, 3, 4, 5 mm), 5 disposable specula Ø 4 mm and 5 Ø 2.5 mm in hard case.

DIAGNOSTICS
SIGMA F.O. DIAGNOSTIC SETS

SIGMA otoscopes and ophthalmoscopes are high quality pocket diagnostic instruments designed for professional use in ENT and ophthalmoscopy. Light weight and manufactured from impact resistant re-enforced plastic.

Supplied in deluxe rigid plastic cases or pouch (31524) with 14 disposable specula (7 with Ø 2.5 mm, 7 with Ø 4 mm).

- 31524 SIGMA F.O. OTOSCOPE 2.5 V - pouch - black
- 31523 SIGMA F.O. OTOSCOPE 2.5 V - pouch - blue
- 31525 SIGMA F.O. OTOSCOPE 2.5 V - case - black
- 31518 SIGMA F.O. LED OTOSCOPE 2.5 V - case - blue

Manufactured with high quality materials and top-notch workmanship ensures excellent reliability in every examination.

Battery life with Led bulb (31526) 6 time longer than with traditional bulb
- distal fibre optic illumination with super bright Xenon/Halogen light or LED light.
- swivel type window with 3X magnification lens for sharp images and minimal reflection
- insufflation port for pneumatic testing of tympanic mobility.

Connector port (code 31532) and insufflation bulb (code 31500) should be ordered separately.

- 31527 SIGMA F.O. OPHTHALMOSCOPE 2.5 V - case - black
- 31529 SIGMA LED OPHTHALMOSCOPE 2.5 V - LED light 85,000 LUX - bulb estimated life 50,000 hours - case - black

Top quality ophthalmoscope with 5 different apertures for almost all ophthalmic examinations. High quality optics in mini format makes this instrument ideal for house calls and rounds.
- enhanced xenon/halogen super bright light
- 5 different apertures

Large spot: for normal fundoscopy
Small spot: for reduced reflection with small pupils
Semi circle: for reduced reflection with small pupils
Fixation star: for determination of central or eccentric fixation, suitable for examining children
Red-free filter: for contrast-enhancement when assessing fine vascular disorders

- range of lenses from -20 D to +20 D
- 31533 SIGMA F.O. OTO-OPHTHALMOSCOPE SET 2.5 V - case with 1 handle - black
- 31528 SIGMA F.O. OTO-OPHTHALMOSCOPE DELUXE SET 2.5 V - case with 2 handles - black
- 31534 SIGMA F.O. LED OTO-OPHTHALMOSCOPE DELUXE SET 2.5 V - case with 2 handles

Oto-ophalmo sets are supplied with oto and ophtalmo head, 1 handle (31533) or 2 handles (31528, 31534) and 14 disposable speculum (7x2.5 and 7x4 mm)

- 34485 OTOSCOPE BULB - xenon - halogen 2.5 V
- 31531 OPHTHALMOSCOPE BULB - xenon - halogen 2.5 V
- 31532 PNEUMATIC CONNECTOR PORT
- 31500 INSUFFLATION BULB

HEINE BETA® 200 RETINOSCOPE

- 31745 HEINE BETA 200 RETINOSCOPE - slit - 2.5 V - C-034.10.118

With ParaStop® for finding the neutralization point (US pat. 5,859,687): precise, easy selection of a parallel beam
- dustproof: maintenance free
- single control for vergence and rotation: comfortable operation
- integrated polarisation filter: eliminates stray light and internal reflexes for a brighter pupilling reflex
- streak or spot retinoscope: simply by changing the bulb
- XHL (xenon halogen technology): bright, white light. Bright fundus reflex, easy recognition of neutralization point
- ergonomic shape: protects the examiner’s orbit from stray light

LED features
- colour temperature: 5,000°K - CRI > 80
- real colours definition - 85,000 LUX
- bulb estimated life 50,000 hours

5 YEARS WARRANTY
E-SCOPE®: RIESTER OTO-OPHTHALMOSCOPES

- 31550 E-SCOPE® OTOSCOPE - XENON 2.5V - black in pouch
- 31552 E-SCOPE® F.O. OTOSCOPE - LED 3.7V - white in rigid case
- E-scope otoscope with direct Xenon illumination or F.O. LED.
- Sealing precision optics pivoting to both sides with triple magnification for superior view
- Suitable for performance of pneumatic tests (supplied without connector and insufflator)
- 31556 E-SCOPE® OPHTHALMOSCOPE - XENON 2.5 V - black
- 31557 E-SCOPE® OPHTHALMOSCOPE - F.O. - LED 3.7 V - white - in rigid case
- E-scope ophthalmoscopes are available with Xenon or LED illumination.
- with 2.5V Xenon illumination and with innovative 3.7V LED illumination for higher-contrast and more efficient diagnosis
- dioptre disc with 18 corrective lenses (± 1, 2, 3, 4, 6, 8, 10, 15, 20)
- easy-to-use aperture wheel with six apertures (fixation star, large circle, small circle, red free filter, blue filter, semi circle)
- high performance optics with aspherical condenser
- parallel optical path
- • 31558 E-SCOPE® DIAGNOSTIC KIT
  Oto-ophthalmoscope set, LED 3.7V, white colour, in rigid case.
- • 31560 E-SCOPE® OTOSCOPE - XENON 2.5 V BULB
- • 31561 E-SCOPE® OTOSCOPE - LED 3.7 V BULB
- • 31562 E-SCOPE® OPHTHALMOSCOPE - XENON 2.5 V BULB
- • 31563 E-SCOPE® OPHTHALMOSCOPE - LED 3.7 V BULB
- • 31817 RI-SCOPE® EAR SPECULUM Ø 2.5 mm - autoclavable
- • 31819 RI-SCOPE® EAR SPECULUM Ø 4 mm - autoclavable

LUXAMED AURIS LED OTOSCOPES - MADE IN GERMANY

- 31570 LUXAMED AURIS LED 2.5V OTOSCOPE - black
- 31571 LUXAMED AURIS LED 2.5V OTOSCOPE - blue
- 31572 LUXAMED AURIS LED 3.7V USB OTOSCOPE - black
- Innovative otoscopes that combine best handicraft production with selected materials with the most modern technology.
- Two-components handle (aluminium/fibre-glass reinforced) with electronic ON/OFF switch.
- Features:
  - LED-Ring illumination with 6 LEDs (concentric), no fibre optic, field of vision is not restricted, with the theoretical failure of a single LED, the functionality is not affected (patent DE202013104278U1)
  - dimmer
  - automatic switchoff after 3 minutes
  - approx. 100,000 hours life expectancy of LEDs
  - approx. 10,000 Lux intensity of illumination
  - approx. 4,000 K colour temperature
  - pivoting 3-fold magnifying glass with locking function
  - insufflation port for pneumatic test.
- Supplied with 2xAAA alkaline batteries (31570/1) or lithium-ion rechargeable battery 3.7V (31572) 20 disposable ear funnels (10x2.5 mm and 10x4.0 mm) and manual (GB, IT, DE).
- See page 219-220 for compatible ear speculum.

- 31570 LUXAMED AURIS LED 2.5V OTOSCOPE - black
- 31571 LUXAMED AURIS LED 2.5V OTOSCOPE - blue
- 31572 LUXAMED AURIS LED 3.7V USB OTOSCOPE - black
- Innovative otoscopes that combine best handicraft production with selected materials with the most modern technology.
- Two-components handle (aluminium/fibre-glass reinforced) with electronic ON/OFF switch.
- Features:
  - LED-Ring illumination with 6 LEDs (concentric), no fibre optic, field of vision is not restricted, with the theoretical failure of a single LED, the functionality is not affected (patent DE202013104278U1)
  - dimmer
  - automatic switchoff after 3 minutes
  - approx. 100,000 hours life expectancy of LEDs
  - approx. 10,000 Lux intensity of illumination
  - approx. 4,000 K colour temperature
  - pivoting 3-fold magnifying glass with locking function
  - insufflation port for pneumatic test.
- Supplied with 2xAAA alkaline batteries (31570/1) or lithium-ion rechargeable battery 3.7V (31572) 20 disposable ear funnels (10x2.5 mm and 10x4.0 mm) and manual (GB, IT, DE).
- See page 219-220 for compatible ear speculum.

Innovative LED 3.7 V ILLUMINATION:
- real colour 5,500K white light
- long life LED bulbs: up to 20,000 hours
- low battery consumption: up to 50 hours operation through IPC (Integrated Power converter). It converts the voltage of AA batteries into the optimum voltage required for LED

Bulb life Battery life (2 x alkaline)
20000 h 50 h
20 h Xeon LED
3 h Xeon LED
20 h Xenon LED
3 h Xenon LED

LUXAMED®
HEINE K100 HALOGEN OTOSCOPE

- 31720 HEINE K 100 HALOGEN OTOSCOPE - 2.5 V - B-245.10.118
  Otoscope with BETA battery 2.5 V handle with rheostat, high-impact polycarbonate housing and 3 reusable specula (Ø 3.5, 4.5, 5.5) in nylon pouch. XHL (Xenon Halogen Technology), extremely bright, white light. Acrylic viewing window with 3X magnification, insufflation port for tympanic test.
- 31771 HEINE 037 OTOSCOPE BULB 2.5 V - spare - X-001.88.037

HEINE K180 OTO-OPHTHALMO

- 31740 HEINE K180 - F.O. OTO-OPHTHALMO SET - 2.5 V - A-279.10.118
  Otoscope and opthalmoscope K180 with BETA battery 2.5 V handle and a set of single use specula. Supplied in hard case.
- 31782 HEINE 084 OPHTHALMO BULB 2.5 V - spare - X-001.88.084
- 31772 HEINE 077 OTOSCOPE BULB - spare - X-001.88.077
- 31741 HEINE K180 OPHTHALMOSCOPE - 2.5 V C-182.10.118
  28 lenses from -35D to +40D supplied in pouch

HEINE BETA 200 F.O. OTOSCOPEG

- 31725 HEINE BETA 200 F.O. OTOSCOPE - 2.5V - B-141.10.118
  F.O. Otoscope with BETA battery 2.5V handle with rheostat, a set of single use specula, a set of reusable specula and a spare bulb. Supplied in hard case. Solid all metal construction, a quality instrument with fibre optic illumination.
- 31772 HEINE 077 OTOSCOPE BULB - spare - X-001.88.077
- 31726 HEINE BETA 200 F.O. OTOSCOPE - 3.5V Li-ion L - B-141.29.420
  Same as code 31725 but with 3.5V rechargeable handle with charging status display, Li-ion battery and charging station (34449).
- 31784 HEINE 078 OTOSCOPE BULB - X-002.88.078

HEINE BETA 400 F.O. OTOSCOPE

- 31728 HEINE BETA 400 LED F.O. OTOSCOPE - B-143.24.420
  Exclusive 4.2X magnification.
  LED in HQ with continuous brightness control.
  All metal housing and scratch resistant glass lenses.
  Colour temperature: 3,500 K. Colour rendering index (CRI) >97.
  Exceptional depth of field, provides sharp spatial image.
  LED otoscope with rechargeable handle supplied with 4 reusable speculum, 5 of both All Spec disposable speculum 2.5 and 4 mm Ø in a case with NT4 table charger (34374).

HEINE BETA 200 AND 200S OPHTHALMOSCOPES

- 31730 HEINE BETA 200 HALOGEN OPHTHALMOSCOPE - 2.5 V - C-144.10.118
  The unique aspherical optic system eliminates conical and iris reflexes. The illuminated area of the retina remains fully visible even in case of small pupil (bright light). BETA 200 has 6 diaphragms with separately “green filter”. It is recommended for small or expanded pupils; suitable for slit or fluorescent ophthalmoscopy as well as for fixation test. Range -35D to +40D. Supplied in hard case with replacement bulb.
- 31731 HEINE BETA 200 F.O. OPHTHALMOSCOPES - 3.5 V Li-ion - C-144.27.388
  Same as 31730 but with USB rechargeable handle for mains socket and Li-ion batteries.
- 31783 HEINE 070 OPHTHALMOSCOPE BULB 3.5 V - X-002.88.070

- 31735 HEINE BETA 200S OPHTHALMOSCOPE - 2.5 V - C-261.10.118
- 31781 HEINE 069 OPHTHALMO BULB - 2.5 V - spare - X-001.88.069
- 31737 HEINE BETA 200S LED OPHTHALMOSCOPE - 3.5 V with USB rechargeable handle - C-261.28.388
  Superior aspherical optics and 74 single-diopter steps
  - in 1 D steps 1 – 10 15 20 35 40 D
  - in 0.5 D steps 1 – 10 15 20 25 25 30 35 38 40 D
  Cobalt blue filter, fixation star with polar co-ordinates, large spot, small spot, pinhole, slit, hemis pot
  With red-free filter: Cobalt blue filter, fixation star with polar coordinates, large spot, small spot, pinhole, slit, hemis pot
  74 single diopters steps + in 1 D steps: +1 through +38 D
  - in 1 D steps: -1 through -36 D

5 YEARS WARRANTY
GIMA VISIO 2000 WALL DIAGNOSTIC STATION - 3.5 V

Perfect solution for everyday clinical and hospital life. The unit has a centralized electrical supply, eliminating the need for conventional or rechargeable batteries. Wall station is equipped with two handles one with Visio 2000 otoscope Xenon light head and one with Visio 2000 ophthalmoscope Xenon light head.

Main features:
- automatic ON/OFF switching of the handles, the instrument turns off automatically once the handle is placed in the cradle
- non-slip ergonomic handle design
- handle with a brightness control mechanism for light adjustment
- spiral cable enables working at 3 metres

Power: 115-230 V, 50-60 Hz. Disposable ear speculum see page 220
RI-FORMER® THE MODULAR DIAGNOSTIC STATION 3.5V

RI-FORMER MODULAR DIAGNOSTIC STATION
The modular diagnostic station can be individually combined according to requirements and the room situation, it is variably extendable to the right and the left.
The basic ri-former® module is available with one handle and can be supplemented with up to 4 further handle modules.
- 3.5V Xenon or LED illumination creates lighting conditions similar to daylight
- optimum electronic efficiency using an adjustable dimmer
- constant output voltage independent from the mains supply prolongs the service life of the lamps and guarantees optimum light intensity
- automatic switching on/off of handles when removing or replacing them in the handle unit saves energy and increases the service life of the lamps
- non-slip, ergonomically designed handles with rheostat: infinitely variable regulation of brightness as well as manual switching on/off possible on the handle
- spiral cord expandable up to 3 m
- developed and manufactured in Germany.

RI-SCOPE® L: LED + Li-ion BATTERIES

LED illumination: bright, white light with a nearly unlimited lifetime!
With its monochromatic white light (4,000° Kelvin) the lamp in the ri-scope®L provides cold light and true-colour. CRI > 90.
Lamps with LED technology have a lifetime of at least 10,000 hours (compared to 20-30 hours with halogen and Xenon lamps) and are extremely energy-efficient.
Li-ion batteries - greatest power in the smallest space!
Considerably higher charging capacity, longer lifetime, lightweight, these are the big advantages of Li-ions batteries; which provide sustained high performance for up to 1200 charging cycles. LEDs powered by lithium batteries can burn for up to 50 hours.
- 31830 RI-SCOPE L2 LED OTOSCOPE - 3.5 V
The newest generation ri-scope®L otoscopes with optical glass and reduced reflection combines excellent optical properties and unparalleled performance with the reliability and efficiency of LED/lithium-ion technology.
- optimal beaming and transmission of the light
- bi-directional swivelling, sealing optical glass 3X
- suitable for pneumatic test (supplied without ball).
- C handle runs Li-ion batteries, not included.
Supplied in deluxe hard case with one spare lamp, 4 reusable ear specula and 3 disposable ear specula.

RI-FORMER MODULES AND HEADS

GIMA code MODULAR DIAGNOSTIC STATION - XENON
31800 Ri-Former Diagnostic station 3.5-230V 50/60 Hz-standard
(include 2 handle oto and ophthalmalmo head, ear specula dispenser, clock)
31805 Ri-Former Diagnostic station 3.5-230V 50/60 Hz-large
(include 31800 + sphygmomanometer)
* available on request 120V - 50/60 Hz

MODULAR DIAGNOSTIC STATION - LED
31801 Ri-Former Diagnostic station 3.5-230V 50/60 Hz-standard
(include 2 handle, LED ido and ophthalmalmo head, ear specula dispenser, clock)
31806 Ri-Former Diagnostic station 3.5-230V 50/60 Hz-large
(include 31801 + sphygmomanometer)
* available on request 120V - 50/60 Hz

RI-FORMER DIAGNOSTIC STATION - XENON
31809 Basic diagnostic station 1 handle 3.5 - 230V 50/60 Hz
31810 Extension module 1 handle
31811 Ri-scope L2 otoscope head - Led 3.5V
31812 Ri-scope L1 otoscope head - Xenon 3.5V
31813 Ri-scope L1 ophthalmoscope head - Xenon 3.5V
31814 Ri-scope retinoscope head - Xenon 3.5V
31815 Ri-scope dermatoscopy head - Led 3.5V
31817 Ri-scope L1, L2 ear speculum Ø 2.5 mm** - autoclavable 134°C
31819 Ri-scope L1, L2 ear speculum Ø 4 mm** - autoclavable 134°C
31820 Ri-spec ear specula dispenser - specula not included
31822 Sphygmomanometer with basket
31823 Ri-thermo N infrared thermometer with 40 covers
31824 Probe cover for 31823 - box of 100 - spare
31825 Xenon L1 otoscope bulb 3.5V - spare
31826 Xenon ophthalmoscope L1, L2, L3 bulb 3.5V - spare
*Available on request 120V - 50/60 Hz **box of 10

RI-FORMER DIAGNOSTIC STATION - LED
31809 Basic diagnostic station 1 handle 3.5 - 230V 50/60 Hz
31810 Extension module 1 handle
31811 Ri-scope L2 otoscope head - Led 3.5V
31812 Ri-scope L1 otoscope head - Xenon 3.5V
31813 Ri-scope L1 ophthalmoscope head - Xenon 3.5V
31814 Ri-scope retinoscope head - Xenon 3.5V
31815 Ri-scope dermatoscopy head - Led 3.5V
31817 Ri-scope L1, L2 ear speculum Ø 2.5 mm** - autoclavable 134°C
31819 Ri-scope L1, L2 ear speculum Ø 4 mm** - autoclavable 134°C
31820 Ri-spec ear specula dispenser - specula not included
31822 Sphygmomanometer with basket
31823 Ri-thermo N infrared thermometer with 40 covers
31824 Probe cover for 31823 - box of 100 - spare
31825 Xenon L1 otoscope bulb 3.5V - spare
31826 Xenon ophthalmoscope L1, L2, L3 bulb 3.5V - spare
*Available on request 120V - 50/60 Hz **box of 10

Table recharge station (with wall holder)
Recharge 2 “C” handles with Li-ion batteries.
31840

Table of contents:
• LED illumination: bright, white light with a nearly unlimited lifetime!
• Optimum electronic efficiency using an adjustable dimmer
• Constant output voltage independent from the mains supply prolongs the service life of the lamps and guarantees optimum light intensity
• Automatic switching on/off of handles when removing or replacing them in the handle unit saves energy and increases the service life of the lamps
• Non-slip, ergonomically designed handles with rheostat: infinitely variable regulation of brightness as well as manual switching on/off possible on the handle
• Spiral cord expandable up to 3 m
• Developed and manufactured in Germany.

Table of contents:
• RI-SCOPE® L: LED + Li-ion BATTERIES

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• Developed and manufactured in Germany.

Table of contents:
• RI-FORMER MODULAR DIAGNOSTIC STATION

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• Spiral cord expandable up to 3 m
• Developed and manufactured in Germany.
## GIMA OTOSCOPECES: PARKER LINE

**PARKER OTOSCOPECES**
- Reliable and indestructible high quality instrument
- Suitable for everyday ear nose and throat examinations
- Easily adjustable 2.5 V vacuum light (made in Germany)
- Quality 3 times magnifying lens
- Available with plug in and snap (bayonet locking) or knurled screw type otoscope head
- Ideal for pneumatic tympanic membrane tests, can also be used for rhinoscopic examinations
- Supplied with 3 autoclavable ear funnels in a colour coordinated zip bag.
- All latex free.

- Require 2xC batteries (not included) 31542
- 31441 also works with rechargeable battery

### PARKER DIAGNOSTIC SETS

- **31471 PARKER DIAGNOSTIC SET**
  Lightweight, semi rigid nylon case with one Parker otoscope 2.5 V with rechargeable handle, 3 autoclavable ear speculum (Ø 2.5, 3.5 and 4.5 mm), 2 laryngeal mirrors (size 3 and 4), bent arm throat lamp, tongue spatula, adjustable nasal speculum.

- **31473 PARKER LARGE SET WITH OPHTHALMO**
  Same as code 31471 with an ophthalmoscope head, support for single use tongue depressors and 2 tubes of single use specula.

- **31446 VACUUM BULB FOR OTOSCOPE**
- **31449 VACUUM BULB FOR OPHTHALMOSCOPE**
- **32203 “C” ALKALINE BATTERIES - blister of 2 pcs**
- **34467 RECHARGEABLE LI-ION BATTERY 2.5 V - needs 31542**

### LED OTOSCOPE - PEN LIGHT

- **31300 COMBI SET**
  Dual function instrument features convertible diagnostic pen light and mini-otoscope with 3 different sizes of funnels or specula.
  White Led light. Packed in a gift box.
  Pupil gauge and dual slide rule printed on the penlight.
  Supplied with batteries (2xAA).

- **32200 "AAA" ALKALINE BATTERIES - blister of 4 pcs**
- **31345 REUSABLE EAR SPECULUM 2.0 mm - bag of 25**
- **31346 REUSABLE EAR SPECULUM 4.0 mm - bag of 25**

### Rechargeable Li-ion Battery 2.5 V / 2,200 mAh

<table>
<thead>
<tr>
<th>GIMA code</th>
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<th>Ear Funnels</th>
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<tr>
<td>31435</td>
<td>Parker colour - green</td>
<td>Bayonet</td>
<td>Ø 2.5, 3.5, 4.5 mm</td>
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<tr>
<td>31436</td>
<td>Parker colour - blue</td>
<td>Bayonet</td>
<td>Ø 2.5, 3.5, 4.5 mm</td>
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<tr>
<td>31437</td>
<td>Parker colour - yellow</td>
<td>Bayonet</td>
<td>Ø 2.5, 3.5, 4.5 mm</td>
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<tr>
<td>31440</td>
<td>Parker - black</td>
<td>Screw</td>
<td>Ø 2.5, 3.5, 4.5 mm</td>
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<tr>
<td>31441</td>
<td>Parker with rechargeable handle</td>
<td>Bayonet</td>
<td>Ø 2.5, 3.5, 4.5 mm</td>
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<tr>
<td>31442</td>
<td>Parker veterinary - black</td>
<td>Screw</td>
<td>Ø 4, 5, 7 mm</td>
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<tr>
<td>31449</td>
<td>Spare bulb 2.5 V for Parker otoscopes 31435-6, 31440-1-2</td>
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<td>31542</td>
<td>Charging station for 31441</td>
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<tr>
<td>34467</td>
<td>Rechargeable Li-ion battery 2.5 V</td>
<td></td>
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</tr>
</tbody>
</table>

### VETERINARY OTOSCOPECES AND SETS SEE PAGE 370
**XENON-HALOGEN OTO AND OPHTHALMOSCOPE SETS**

- **31475 XENON-HALOGEN PARKER OTOSCOPE**
  Same as PARKER Otoscope code 31440 but with halogen 2.5V bulb, and bayonet connection system. Supplied with 3 autoclavable ear funnels in a soft bag. Requires 2xC batteries (not included) or rechargeable battery.
- **31476 HALOGEN OPERATIVE PARKER OTOSCOPE**
  2.5V halogen light for true tissue colour and consistent, long lasting illumination. 24 colour coded lenses -25 to +40 dioptres for excellent resolution (green for +, red for -). Rubber eye brow rest to prevent scratching of eye-glasses. Illumination lens dial for clear identification of dioptre setting.
- **31477 HALOGEN OTO-OPHTHALMOSCOPE PARKER SET**
  Diagnostic set including one handle, one halogen otoscope head and one halogen ophthalmoscope head, all in a plastic case.
- **31478 XENON-HALOGEN BULB FOR OTOSCOPE 2.5V**
- **31479 XENON-HALOGEN BULB FOR OPHTHALMOSCOPE 2.5V**
- **31480 XENON-HALOGEN DIAGNOSTIC SET - 3.5 V**
- **31482 XENON-HALOGEN OPERATIVE DIAGNOSTIC SET - 3.5 V**
  Both xenon-halogen sets are supplied in plastic rigid case containing: one rechargeable handle, one otoscope head (operative for code 31482), one ophthalmoscope head, 3 autoclavable speculum Ø 2.5, 3.5, 4.5 mm, two laryngeal mirrors (size 3 and 4), adjustable nasal speculum, bent throat lamp, tongue spatula. Should be used with 31541 + 31542.
- **31427 XENON-HALOGEN OTOSCOPE BULB 3.5V**
- **31428 XENON-HALOGEN OPHTALMO BULB 3.5V**
- **31520 GIMALUX F.O. OTOSCOPE - black**
- **31521 GIMALUX F.O. OTOSCOPE - blue**
- **31522 GIMALUX F.O. OTOSCOPE - green**
  High professional plastic otoscopes with extra bright halogen light provided by fibre optic system. Quality 3 times magnifying movable lens. Output for pneumatic membrane test. Supplied with 14 single use mini speculums (7 Ø 2.5 and 7 Ø 4 mm) in a colour coordinated nylon bag. For mini ear-speculum see at page 220.
  All latex free.
- **31485 XENON-HALOGEN BULB 2.5V**
  Old model with chrome insufflation adapter need below bulb.
- **31478 XENON-HALOGEN BULB 2.5V for old models**

**FIBRE OPTIC XENON-HALOGEN OTOSCOPES**

- **31520 GIMALUX F.O. OTOSCOPE - black**
- **31521 GIMALUX F.O. OTOSCOPE - blue**
- **31522 GIMALUX F.O. OTOSCOPE - green**
  High professional plastic otoscopes with extra bright halogen light provided by fibre optic system. Quality 3 times magnifying movable lens. Output for pneumatic membrane test. Supplied with 14 single use mini speculums (7 Ø 2.5 and 7 Ø 4 mm) in a colour coordinated nylon bag. For mini ear-speculum see at page 220.
  All latex free.
- **34485 XENON-HALOGEN BULB 2.5V**
  Old model with chrome insufflation adapter need below bulb.
- **31478 XENON-HALOGEN BULB 2.5V for old models**
**DISPOSABLE EAR-SPECULUM FOR "TRADITIONAL" OTOSCOPES**

<table>
<thead>
<tr>
<th>GIMA code</th>
<th>DISPOSABLE EAR - SPECULUM FOR OTOSCOPES OF DIFFERENT BRANDS</th>
<th>Colour</th>
<th>To be used with</th>
<th>Minimum order</th>
</tr>
</thead>
<tbody>
<tr>
<td>31313</td>
<td>Disposable ear-speculum Ø 2.5 mm</td>
<td></td>
<td>Gowllands (with connector 31316)</td>
<td>box of 200 pcs.</td>
</tr>
<tr>
<td>31315</td>
<td>Disposable ear-speculum Ø 4 mm</td>
<td></td>
<td>Riester (some models)</td>
<td>box of 200 pcs.</td>
</tr>
<tr>
<td>31316</td>
<td>Connector for 31313-31315</td>
<td></td>
<td>Gowllands</td>
<td>box of 1000 pcs.</td>
</tr>
<tr>
<td>31504</td>
<td>Disposable ear-speculum Ø 2.5 mm</td>
<td></td>
<td>Heine Beta 100, K100 and Eurolight, Kawe C10, C30, Combilight C10</td>
<td>box of 100 pcs.</td>
</tr>
<tr>
<td>31505</td>
<td>Disposable ear-speculum Ø 4 mm</td>
<td></td>
<td>Riester: Ri-star</td>
<td>box of 200 pcs.</td>
</tr>
<tr>
<td>31506</td>
<td>Disposable ear-speculum Ø 2.5 mm</td>
<td></td>
<td>Welch Allyn: Pocket-pro; Pocket scope Series 200, 250</td>
<td>dispenser of 250 pcs.</td>
</tr>
<tr>
<td>31507</td>
<td>Disposable ear-speculum Ø 4 mm</td>
<td></td>
<td></td>
<td>dispenser of 250 pcs.</td>
</tr>
<tr>
<td>31508</td>
<td>Disposable ear-speculum Ø 2.5 mm</td>
<td></td>
<td></td>
<td>dispenser of 250 pcs.</td>
</tr>
<tr>
<td>31509</td>
<td>Disposable ear-speculum Ø 4 mm</td>
<td></td>
<td></td>
<td>dispenser of 250 pcs.</td>
</tr>
</tbody>
</table>

**GIMA code**

31313
31315
31316
31504-31505

**Suitable for RIESTER GOWLLANDS**

31506-31507

**Suitable for HEINE**

31508-31509

**Suitable for WELCH-ALLYN**

**WELCH-ALLYN KLEENSPEC DISPOSABLE EAR SPECULUM**

<table>
<thead>
<tr>
<th>GIMA code</th>
<th>WELCH-ALLYN KLEENSPEC Disposable ear-speculum</th>
<th>Colour</th>
<th>To be used with</th>
<th>Minimum order</th>
</tr>
</thead>
<tbody>
<tr>
<td>72571</td>
<td>KleenSpec ear-speculum Ø 3 mm</td>
<td></td>
<td>Welch-Allyn 20100, 20200</td>
<td>box of 100 pcs.</td>
</tr>
<tr>
<td>32105</td>
<td>KleenSpec ear-speculum Ø 2.75 mm</td>
<td></td>
<td>Welch-Allyn Macroview</td>
<td>box of 850 pcs.</td>
</tr>
<tr>
<td>32106</td>
<td>KleenSpec ear-speculum Ø 4.25 mm</td>
<td></td>
<td>Riester Ri-scope L2, L3</td>
<td>box of 850 pcs.</td>
</tr>
</tbody>
</table>

**GIMA code**

72570
72571
32105-32106

**Type**

- Welch-Allyn
- Riester

**FOR GENERAL USE APPLICATIONS**

**FOR ELECTRONIC**

**FOR ACOUSTIC**

**ALKALINE, LITHIUM AND ZINC-AIR "ACOUSTIC" BATTERIES**

<table>
<thead>
<tr>
<th>GIMA code</th>
<th>VARTA ALKALINE HIGH ENERGY BATTERIES</th>
<th>Type</th>
<th>Blister</th>
</tr>
</thead>
<tbody>
<tr>
<td>32200</td>
<td>Varta ministilo H.E. - alkaline</td>
<td>AAA</td>
<td>4 pcs.</td>
</tr>
<tr>
<td>32201</td>
<td>Varta stilo H.E. - alkaline</td>
<td>AA</td>
<td>4 pcs.</td>
</tr>
<tr>
<td>32203</td>
<td>Varta half torch H.E. - alkaline</td>
<td>C</td>
<td>2 pcs.</td>
</tr>
<tr>
<td>32204</td>
<td>Varta torch H.E. - alkaline</td>
<td>D</td>
<td>2 pcs.</td>
</tr>
<tr>
<td>32205</td>
<td>Varta 9V H.E. - alkaline</td>
<td>9V</td>
<td>1 pc.</td>
</tr>
</tbody>
</table>

**GIMA code**

32202
32203-32205

**Type**

- Varta Energy Stilo - alkaline
- Varta Energy Stilo - alkaline

**Blister**

- 24 pcs.
- 24 pcs.

**GIMA code**

32211
32220
32221

**VARTA LITHIUM BATTERIES - BUTTON**

<table>
<thead>
<tr>
<th>GIMA code</th>
<th>VARTA LITHIUM BATTERIES - BUTTON</th>
<th>Blister</th>
</tr>
</thead>
<tbody>
<tr>
<td>32210</td>
<td>Varta 2016 - lithium button</td>
<td>1 pc.</td>
</tr>
<tr>
<td>32211</td>
<td>Varta 2025 - lithium button</td>
<td>1 pc.</td>
</tr>
<tr>
<td>32212</td>
<td>Varta 2032 - lithium button</td>
<td>1 pc.</td>
</tr>
</tbody>
</table>

**GIMA code**

32220
32221
32222
32223

**RAYOVAC ZINC-AIR "ACOUSTIC BATTERIES" - mercury free**

<table>
<thead>
<tr>
<th>GIMA code</th>
<th>RAYOVAC ZINC-AIR &quot;ACOUSTIC BATTERIES&quot; - mercury free</th>
<th>Blister</th>
</tr>
</thead>
<tbody>
<tr>
<td>32220</td>
<td>Rayovac 675 - zinc air - acoustic</td>
<td>6 pcs.</td>
</tr>
<tr>
<td>32221</td>
<td>Rayovac 13 - zinc air - acoustic</td>
<td>6 pcs.</td>
</tr>
<tr>
<td>32222</td>
<td>Rayovac 312 - zinc air - acoustic</td>
<td>6 pcs.</td>
</tr>
<tr>
<td>32223</td>
<td>Rayovac 10 - zinc air - acoustic</td>
<td>6 pcs.</td>
</tr>
</tbody>
</table>

**GIMA code**

32220
32221
32222
32223

**RECHARGEABLE BATTERIES AND CHARGERS**

<table>
<thead>
<tr>
<th>GIMA code</th>
<th>VARTA POWER PLAY RECHARGEABLE BATTERIES</th>
<th>Type</th>
<th>Blister</th>
</tr>
</thead>
<tbody>
<tr>
<td>32235</td>
<td>Varta ministilo - 1000 mAh</td>
<td>AAA</td>
<td>2 pcs.</td>
</tr>
<tr>
<td>32236</td>
<td>Varta stilo - 2400 mAh</td>
<td>AA</td>
<td>4 pcs.</td>
</tr>
</tbody>
</table>

**GIMA code**

32241
32242

**CHARGERS FOR ANY BRAND**

<table>
<thead>
<tr>
<th>Power supply</th>
<th>Sizes mm</th>
<th>Weight g</th>
<th>To be used with:</th>
<th>Recharging time</th>
<th>Supplied with:</th>
<th>12V+USB adaptor</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 - 240 V</td>
<td>172x109x53</td>
<td>403</td>
<td>AAA, AA, C, D, 9C</td>
<td>5 h</td>
<td>-</td>
<td>no</td>
</tr>
<tr>
<td>110 - 240 V</td>
<td>120x230x75</td>
<td>359</td>
<td>AAA, AA</td>
<td>2-4 h</td>
<td>4AA</td>
<td>yes</td>
</tr>
</tbody>
</table>

**GIMA code**

32241
32242

**Universal charger**

**LCD charger**

219
### GIMA DISPOSABLE EAR-SPECULUM FOR MINI OTOSCAPES OF DIFFERENT BRANDS

<table>
<thead>
<tr>
<th>GIMA code</th>
<th>GIMA DISPOSABLE SPECULUM FOR MINI OTOSCAPES - LATEX FREE</th>
<th>Colour</th>
<th>Compatibility</th>
<th>Fit with connector 31493</th>
<th>Minimum order</th>
</tr>
</thead>
<tbody>
<tr>
<td>31486</td>
<td>Disposable Mini ear-speculum Ø 2.5 mm - grey</td>
<td></td>
<td></td>
<td></td>
<td>dispenser of 250</td>
</tr>
<tr>
<td>31489</td>
<td>Disposable Mini ear-speculum Ø 2.5 mm - grey</td>
<td></td>
<td></td>
<td></td>
<td>dispenser of 250</td>
</tr>
<tr>
<td>31491</td>
<td>Disposable Mini ear-speculum Ø 2.5 mm - black</td>
<td></td>
<td></td>
<td></td>
<td>dispenser of 250</td>
</tr>
<tr>
<td>31495</td>
<td>Disposable Mini ear-speculum Ø 2.5 mm - black</td>
<td></td>
<td></td>
<td></td>
<td>dispenser of 250</td>
</tr>
<tr>
<td>31496</td>
<td>Disposable Mini ear-speculum Ø 2.5 mm - blue</td>
<td></td>
<td></td>
<td></td>
<td>box of 1,000</td>
</tr>
<tr>
<td>31497</td>
<td>Disposable Mini ear-speculum Ø 4 mm - blue</td>
<td></td>
<td></td>
<td></td>
<td>box of 1,000</td>
</tr>
<tr>
<td>31498</td>
<td>Disposable Mini ear-speculum Ø 4 mm - green</td>
<td></td>
<td></td>
<td></td>
<td>box of 1,000</td>
</tr>
<tr>
<td>31499</td>
<td>Disposable Mini ear-speculum Ø 4 mm - green</td>
<td></td>
<td></td>
<td></td>
<td>box of 1,000</td>
</tr>
</tbody>
</table>

#### CONNECTORS FOR MINI EAR SPECULUM

<table>
<thead>
<tr>
<th>GIMA code</th>
<th>CONNECTORS FOR MINI EAR SPECULUM</th>
<th>Colour</th>
<th>To be used with GIMA codes</th>
</tr>
</thead>
<tbody>
<tr>
<td>31493</td>
<td>Connector to GIMA Parker otoscope for Mini ear-speculum</td>
<td></td>
<td>31435, 31436, 31437, 31440, 31441, 31442, 31471, 31473, 31475, 31477</td>
</tr>
<tr>
<td>31494</td>
<td>ALLIGATOR connector (supplied with 100 ear speculum)</td>
<td></td>
<td>31435, 31436, 31437, 31440, 31441, 31442, 31471, 31473, 31475, 31477</td>
</tr>
</tbody>
</table>

#### HEINE DISPOSABLE MINI EAR-SPECULUM

<table>
<thead>
<tr>
<th>GIMA code</th>
<th>HEINE DISPOSABLE MINI EAR SPECULUM</th>
<th>Minimum order</th>
</tr>
</thead>
<tbody>
<tr>
<td>31501</td>
<td>HEINE dispenser for mini speculum - empty</td>
<td>dispenser of 250</td>
</tr>
<tr>
<td>31502</td>
<td>HEINE disposable Allspec® speculum Ø 2.5 mm - grey</td>
<td>box of 1,000</td>
</tr>
<tr>
<td>31503</td>
<td>HEINE disposable Allspec® speculum Ø 4 mm - grey</td>
<td>box of 1,000</td>
</tr>
<tr>
<td>31515</td>
<td>HEINE disposable Allspec® speculum Ø 2.5 mm - grey</td>
<td>box of 1,000</td>
</tr>
<tr>
<td>31516</td>
<td>HEINE disposable Allspec® speculum Ø 4 mm - grey</td>
<td>box of 1,000</td>
</tr>
</tbody>
</table>

#### RIESTER AUTOCLAVABLE MINI EAR-SPECULUM

<table>
<thead>
<tr>
<th>GIMA code</th>
<th>AUTOCLAVABLE MINI EAR SPECULUM</th>
<th>Colour</th>
<th>Minimum order</th>
</tr>
</thead>
<tbody>
<tr>
<td>31817</td>
<td>Riester ear speculum Ø 2.5 mm - black</td>
<td>black</td>
<td>box of 10 pcs.</td>
</tr>
<tr>
<td>31819</td>
<td>Riester ear speculum Ø 4 mm - black</td>
<td>black</td>
<td>box of 10 pcs.</td>
</tr>
</tbody>
</table>

#### REUSABLE CANNULAS AND EAR SPECULUM

<table>
<thead>
<tr>
<th>GIMA code</th>
<th>AUTOCLAVABLE SPECULUM FOR PARKER OTOSCAPES - LATEX FREE</th>
<th>Colour</th>
<th>To be used with GIMA code</th>
<th>Also compatible with</th>
<th>Minimum order</th>
</tr>
</thead>
<tbody>
<tr>
<td>31447</td>
<td>Kit 3 autoclavable veterinary speculum Ø 4.5, 7 mm</td>
<td></td>
<td>31435-37, 31440-42, 31471, 31473, 31475, 31477, 31480</td>
<td>Heine, Kawe, Riester</td>
<td>One kit</td>
</tr>
<tr>
<td>31448</td>
<td>Kit 3 autoclavable speculum Ø 2.5, 3.5, 4.5 mm</td>
<td></td>
<td>31435-37, 31440-42, 31471, 31473, 31475, 31477, 31480</td>
<td>Heine, Kawe, Riester</td>
<td>One kit</td>
</tr>
<tr>
<td>31451</td>
<td>Kit of 5 autoclavable speculum Ø 2.5, 3.5, 4.5, 5.5, 9 mm</td>
<td></td>
<td>31435-37, 31440-42, 31471, 31473, 31475, 31477, 31480</td>
<td>Heine, Kawe, Riester</td>
<td>One kit</td>
</tr>
<tr>
<td>31453</td>
<td>Kit of 3 metal cannulas (Ø 4, 5, 6 mm) + 2 slotted metal specula (Ø 7.5 and 9.4 mm)</td>
<td></td>
<td>31435-37, 31440-42, 31471, 31473, 31475, 31477, 31480</td>
<td>Heine, Kawe, Riester</td>
<td>One kit</td>
</tr>
<tr>
<td>31500</td>
<td>Pneumatic bulb for Otoscopes</td>
<td></td>
<td>31435/36/37/40/42/71/73/75/77-31520/21/22, 31535</td>
<td>Heine, Kawe, Riester</td>
<td>One kit</td>
</tr>
</tbody>
</table>

Gima autoclavable ear speculum 31447, 31448, 31451 features:
- made from resilient thermoplastic material
- smooth and shiny surface ensure easy cleaning
- Metallic bayonet lock for positive fit to otoscope
- autoclavable at 134°C
- 2 slotted models with 60 mm opening and round edges, ideal for instrumentation, atraumatic insertion
**OTOSCILLO® ELECTRICAL IRRIGATION DEVICE**

- **25815 OTOSCILLO®**
- **25800 PROFESSIONAL OTOSCILLO®**

Otoscillo® is designed for automated ear rinsing both in hospitals and during private consultations. Innovative, compact, efficient and rapid, the Otoscillo® combines the most sophisticated operating qualities with the best security guarantees, all in a single device.

*Anywhere, anytime*

Otoscillo® is an electrical irrigation for simplified rinsing of the ear canal. The pulsating stream system makes it easier to remove cerumen, even at low pressure control, Otoscillo® is particularly adapted to the treatment of sensitive ear canals. It looks less alarming and is easier to use, with greater accuracy and security, than the alternatives. The water basin is removable to allow easy filling and emptying. Can be mounted on a wall (only 25815) or a cupboard. Operating power: 220V - 50/60 Hz.

**Professional Otoscillo®** same as 25815, but supplied with automatic back stop behind disposable nozzle for preventing cross-infections.

- **25816 SPARE SET (2 reusable tips + disk) for 25815**
- **25817 SPARE HANDLE + TUBE**
- **25814 DISPOSABLE TIPS SET** (100 disposable tips, 1 disk, connector) for 25800 and 25815
- **25818 DISPOSABLE TIPS for 25800 - box of 100**

---

**GLASS-METAL, ALL-METAL AND SINGLE-USE EAR SYRINGES**

**GLASS-METAL JANET RECORD SYRINGES**

High quality, reliable and accurate glass-metal syringes. Janet Record come complete with 2 cannulas, one conical, one oval. Individually packed in cardboard box. Made in Germany.

<table>
<thead>
<tr>
<th>GIMA code</th>
<th>GLASS-METAL SYRINGES COMPLETE WITH 2 CANNULAS</th>
</tr>
</thead>
<tbody>
<tr>
<td>25801</td>
<td>Janet Record 50 cc - 13 x Ø 3.5 cm</td>
</tr>
<tr>
<td>25802</td>
<td>Janet Record 100 cc - 14 x Ø 4.7 cm</td>
</tr>
<tr>
<td>25803</td>
<td>Janet Record 200 cc</td>
</tr>
<tr>
<td>25804</td>
<td>Spare cannula for Janet Record (conical shape)</td>
</tr>
<tr>
<td>25805</td>
<td>Spare cannula for Janet Record (olive shape)</td>
</tr>
</tbody>
</table>

**ALL-METAL SCHIMMELBUSCH SYRINGES**

High quality, reliable and accurate syringes. Schimmelbusch come complete with 3 cannulas and ear bowl. Individually packed in cardboard box. Made in Germany.

<table>
<thead>
<tr>
<th>GIMA code</th>
<th>ALL-METAL SYRINGES COMPLETE WITH 3 CANNULAS AND EAR BOWL</th>
</tr>
</thead>
<tbody>
<tr>
<td>25806</td>
<td>Schimmelbusch 50 cc</td>
</tr>
<tr>
<td>25807</td>
<td>Schimmelbusch 100 cc</td>
</tr>
<tr>
<td>25808</td>
<td>Schimmelbusch 200 cc</td>
</tr>
<tr>
<td>25809</td>
<td>Spare cannula for Schimmelbusch (conical shape)</td>
</tr>
<tr>
<td>25810</td>
<td>Spare cannula for Schimmelbusch (olive shape) small</td>
</tr>
<tr>
<td>25811</td>
<td>Spare cannula for Schimmelbusch (olive shape) large</td>
</tr>
</tbody>
</table>

---

**HIGH CAPACITY POLYPROPYLENE SYRINGES**

**HIGH CAPACITY POLYPROPYLENE SYRINGES - sterile**

Sterile, single use, latex free syringes for ear and other purposes. Box in GB, FR, IT, ES, DE, PT, GR, RO, RU, YU, SA. Medical Device class IIa.

<table>
<thead>
<tr>
<th>GIMA code</th>
<th>HIGH CAPACITY, POLYPROPYLENE SYRINGES STERILE - CATHETER CONE</th>
<th>Minimum order</th>
</tr>
</thead>
<tbody>
<tr>
<td>23820</td>
<td>Syringe 60 ml</td>
<td>box of 20</td>
</tr>
<tr>
<td>23821</td>
<td>Syringe 100 ml</td>
<td>box of 25</td>
</tr>
</tbody>
</table>
**OTOCLEAR® EAR IRRIGATION SYSTEM**

- **25858 OTOCLEAR EAR SPRAY WASH**
  - manual, intermittent lavage
  - delivers greater volume compared to syringes or other manual devices
  - efficient design allows for two handed procedure

- **25861 OTOCLEAR EAR IRRIGATION TIPS**
  - single use - box of 40 - spare
  - Flared design protects against over-insertion. The tip directs three streams of water towards the walls of the ear canal, away from the tympanic membrane, creating a turbulent lavage that effectively dislodges the cerumen. The exit portal controls backsplash and directs drainage into a basin.

- **25862 EAR IRRIGATION BASINS** - box of 3 - spare

**LOOP-SPOON EAR CURETTES**

- **31470 GIMA EAR CURETTES** - box of 10 pcs
  - Double function curettes: one side spoon, one side loop. Each curette is individually packed in a single pouch.

**BIONIX EAR CURETTES**

- **FLEXLOOP**: For normal curettage
  - Most flexible of all
  - Least traumatic
  - Rounded tips for comfort
  - 4 mm wide tip

- **INFANTSCOOP**: For the smallest ears
  - For when a small scoop works better
  - Can be used through an otoscope
  - Flexible
  - 2 mm wide tip

- **MICROLOOP**: For compact cerumen
  - More rigid construction
  - Tip can be angled for added strength
  - Rounded tip for comfort
  - 3 mm wide tip

- **CERASPOON**: For viscous cerumen
  - For extensive cerumen buildup
  - For when a large scoop works better
  - 4 mm wide tip

- **WAVECURETTE**: New wave like 2.5 mm tip

- **VERSALOOP**: 3 mm wide tip

**BIONIX EAR CURETTES**

- **31462 FLEXLOOP - white - box of 50 pcs**
- **31464 INFANTSCOOP - light blue - box of 50 pcs**
- **31460 MICROLOOP - green - box of 50 pcs**
- **31467 CERASPOON - yellow - box of 50 pcs**

Our four styles of curettes give you the most effective, economical and safe way to remove cerumen - whatever the size of ear or consistency of cerumen.

**Patient comfort**: Metal curettes are cold, hard and sharp. BIONIX ear curettes with rounded plastic tips reduce trauma and risk of laceration. Latex free.

**Effectiveness**: Ear curettes can duplicate the effectiveness of metal curettes in almost any situation and their polypropylene composition makes them virtually unbreakable.

**Disposability**: Ear curettes don’t require expensive and time-consuming sterilization and eliminate the risk of cross-contamination.

**LIGHTED EAR CURETTES**

- **31450 KIT MIXED LIGHTED CURETTES**
  - Kit is composed by 50 lighted curettes (8 FlexLoop and 7 of each of below other 6 tip styles) + LED illuminator + magnification lens

- **31458 31459**
  - Loop side Spoon side

- **31470 GIMA EAR CURETTES** - box of 10 pcs
  - Double function curettes: one side spoon, one side loop. Each curette is individually packed in a single pouch.

- **25858 OTOCLEAR EAR SPRAY WASH**
  - manual, intermittent lavage
  - delivers greater volume compared to syringes or other manual devices
  - efficient design allows for two handed procedure

- **25861 OTOCLEAR EAR IRRIGATION TIPS**
  - single use - box of 40 - spare

- **25862 EAR IRRIGATION BASINS** - box of 3 - spare

**OTOCLEAR® EAR IRRIGATION SYSTEM**

- **25858 OTOCLEAR EAR SPRAY WASH**
  - manual, intermittent lavage
  - delivers greater volume compared to syringes or other manual devices
  - efficient design allows for two handed procedure

**LOOP-SPOON EAR CURETTES**

- **31470 GIMA EAR CURETTES** - box of 10 pcs
  - Double function curettes: one side spoon, one side loop. Each curette is individually packed in a single pouch.

**BIONIX EAR CURETTES**

- **FLEXLOOP**: For normal curettage
  - Most flexible of all
  - Least traumatic
  - Rounded tips for comfort
  - 4 mm wide tip

- **INFANTSCOOP**: For the smallest ears
  - For when a small scoop works better
  - Can be used through an otoscope
  - Flexible
  - 2 mm wide tip

- **MICROLOOP**: For compact cerumen
  - More rigid construction
  - Tip can be angled for added strength
  - Rounded tip for comfort
  - 3 mm wide tip

- **CERASPOON**: For viscous cerumen
  - For extensive cerumen buildup
  - For when a large scoop works better
  - 4 mm wide tip

- **WAVECURETTE**: New wave like 2.5 mm tip

- **VERSALOOP**: 3 mm wide tip

**BIONIX EAR CURETTES**

- **31462 FLEXLOOP - white - box of 50 pcs**
- **31464 INFANTSCOOP - light blue - box of 50 pcs**
- **31460 MICROLOOP - green - box of 50 pcs**
- **31467 CERASPOON - yellow - box of 50 pcs**

Our four styles of curettes give you the most effective, economical and safe way to remove cerumen - whatever the size of ear or consistency of cerumen.

**Patient comfort**: Metal curettes are cold, hard and sharp. BIONIX ear curettes with rounded plastic tips reduce trauma and risk of laceration. Latex free.

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**LIGHTED EAR CURETTES**

- **31450 KIT MIXED LIGHTED CURETTES**
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- **31458 31459**
  - Loop side Spoon side

- **31470 GIMA EAR CURETTES** - box of 10 pcs
  - Double function curettes: one side spoon, one side loop. Each curette is individually packed in a single pouch.

- **25858 OTOCLEAR EAR SPRAY WASH**
  - manual, intermittent lavage
  - delivers greater volume compared to syringes or other manual devices
  - efficient design allows for two handed procedure

- **25861 OTOCLEAR EAR IRRIGATION TIPS**
  - single use - box of 40 - spare

- **25862 EAR IRRIGATION BASINS** - box of 3 - spare

**OTOCLEAR® EAR IRRIGATION SYSTEM**

- **25858 OTOCLEAR EAR SPRAY WASH**
  - manual, intermittent lavage
  - delivers greater volume compared to syringes or other manual devices
  - efficient design allows for two handed procedure

- **25861 OTOCLEAR EAR IRRIGATION TIPS**
  - single use - box of 40 - spare

- **25862 EAR IRRIGATION BASINS** - box of 3 - spare
WOOD TONGUE DEPRESSORS

Quality tongue depressors manufactured with selected high quality smooth birch wood. Edges accurately finished. 150x18x1.6 mm. Individually packed in a paper envelope and sterilized.

GIMA code | WOOD TONGUE DEPRESSOR - STERILE
--- | ---
25511 | Tongue depressor - box of 50
25512 | Tongue depressor - box of 2,000 (40 boxes of 50 pcs)

STERILE ENT KITS

- **31456 STERILE ENT KIT A** - box of 25 pcs.
  Kit includes one plastic nasal speculum, one plastic tongue depressor and two (adult and pediatric size) plastic ear funnels in single sealed pouch.

- **31457 STERILE ENT KIT B** - box of 10 pcs.
  Kit includes one plastic nasal speculum, one plastic tongue depressor, two (adult and pediatric size) plastic ear funnels, two plastic laryngeal mirrors, one plastic forceps, six cotton tip applicators, one napkin, all packed in a sterile plastic tray.

THROAT SCOPE®

- **25498 THROAT SCOPE® KIT**
  1 handle + 3 blades - blister
  Throat Scope is an illuminated tongue depressor that allows the clinician a one handed operation for oral cavity examination. The light is guided by the blade to illuminate the mouth for a quick examination by the clinician. Light is automatically activated when you insert single use blade into the handle.

- **25499 THROAT SCOPE® DISPOSABLE BLADES** - box of 100 - non sterile

PLASTIC TONGUE DEPRESSORS

- **25505 PLASTIC COLOURED TONGUE DEPRESSORS**
  Plastic tongue depressor animal shaped with bright colour. Each tongue depressor is individually packed in transparent pouch. Packed in box of 50 pieces.

- **25513 WOOD TONGUE DEPRESSOR**
  Wooden medical tongue depressors made of quality birch wood. Size: 150x18x1.6 mm Made in PRC.

NASAL SPECULUM

- **31469 DISPOSABLE NASAL SPECULUM** - box of 48
WELCH ALLYN HALOGEN PROFESSIONAL PENLIGHT

• 25622 W.A. HALOGEN PENLIGHT with 2 x AAA batteries
  Bright white halogen light.
  Durable solid brass construction.
• 25618 BULB for W.A. PENLIGHT - spare

TOP QUALITY BULB OR LED PENLIGHTS - MADE IN GERMANY

Professional penlights, also suitable for diagnostic, with bulb or white LED with quick clip shifter mechanism or push button (25634).

Argenta and Elegance made of anodized aluminium, Nova in top-quality ABS plastic housing. Supplied with 2x1.5V AAA batteries.

BULB OR LED TORCHES PENLIGHTS

BULB OR LED TORCHES FOR QUANTITIES

DELTA PENLIGHTS WITH TONGUE DEPRESSOR HOLDER

• 25628 DELTA "LED" PENLIGHT - red
• 25629 DELTA "LED" PENLIGHT - blue
  Delta penlights are supplied in aluminium box with 2 AAA batteries and holder for tongue depressors (tongue depressor not included).
  Manual in: GB, FR, IT, ES.
**NEUROLOGICAL REFLEX PERCUSSORS - LATEX FREE**

<table>
<thead>
<tr>
<th>GIMA code</th>
<th>PERCUSSORS</th>
<th>Colour</th>
<th>Handle</th>
<th>Pin</th>
<th>Brush</th>
<th>Weight</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>31270</td>
<td>Buck Gima 2000</td>
<td>green</td>
<td>plastic/stainless steel</td>
<td>yes</td>
<td>yes</td>
<td>85 g</td>
<td>18 cm</td>
</tr>
<tr>
<td>31251</td>
<td>Buck Classic</td>
<td>silver</td>
<td>chromed brass</td>
<td>yes</td>
<td>yes</td>
<td>90 g</td>
<td>18 cm</td>
</tr>
<tr>
<td>31252</td>
<td>Buck colour-yellow</td>
<td>yellow</td>
<td>brass colour coated</td>
<td>yes</td>
<td>yes</td>
<td>90 g</td>
<td>18 cm</td>
</tr>
<tr>
<td>31271</td>
<td>Dejerine Gima 2000</td>
<td>blue</td>
<td>plastic/stainless steel</td>
<td>yes</td>
<td>yes</td>
<td>110 g</td>
<td>21 cm</td>
</tr>
<tr>
<td>31254</td>
<td>Dejerine Classic</td>
<td>silver</td>
<td>stainless steel</td>
<td>yes</td>
<td>yes</td>
<td>140 g</td>
<td>21 cm</td>
</tr>
<tr>
<td>31255</td>
<td>Dejerine colour</td>
<td>red</td>
<td>brass colour coated</td>
<td>yes</td>
<td>yes</td>
<td>125 g</td>
<td>21 cm</td>
</tr>
<tr>
<td>31256</td>
<td>Babinsky - Ø 4.5 cm</td>
<td>silver</td>
<td>chrome plated</td>
<td>yes</td>
<td>no</td>
<td>170 g</td>
<td>24 cm</td>
</tr>
<tr>
<td>31257</td>
<td>Queens - Ø 5 cm</td>
<td>silver</td>
<td>flexible plastic</td>
<td>no</td>
<td>no</td>
<td>100 g</td>
<td>33 cm</td>
</tr>
<tr>
<td>31258</td>
<td>Troemner</td>
<td>silver</td>
<td>stainless steel</td>
<td>no</td>
<td>no</td>
<td>200 g</td>
<td>23 cm</td>
</tr>
<tr>
<td>31260</td>
<td>Pinwheel</td>
<td>silver</td>
<td>chrome plated</td>
<td>no</td>
<td>no</td>
<td>50 g</td>
<td>18 cm</td>
</tr>
<tr>
<td>31272</td>
<td>Babinsky-Gima 2000</td>
<td>green</td>
<td>plastic</td>
<td>no</td>
<td>yes</td>
<td>80 g</td>
<td>24 cm</td>
</tr>
<tr>
<td>31273</td>
<td>Taylor Gima</td>
<td>red</td>
<td>plastic/stainless steel</td>
<td>no</td>
<td>yes</td>
<td>70 g</td>
<td>20 cm</td>
</tr>
</tbody>
</table>

**NEUROLOGICAL KIT**

- **31265 NEUROLOGICAL KIT - 3 hammers**

This kit includes 3 metal hammers in a foam box:
Taylor hammer, Buck hammer and Babinsky hammer.

**THermo FEEL**

- **31278 THERMO FEEL**

Useful tool for diagnosis of neuropathy in diabetes patients. Both sides (one stainless steel and one plastic) are alternatively put in contact with foot skin of the patient. Patient perception of cool or warm allows a first diagnosis of diabetes.

**TWO POINTS DISCRIMINATOR**

- **31279 TWO POINTS DISCRIMINATOR**

Plastic (ABS) caliper with scale printed on aluminium plate. Two point discrimination is the ability to discern that two nearby objects touching the skin are truly two distinct points, not one. It is often tested with two sharp points during a neurological examination and reflects how finely innervated an area of skin is. Reliable and widely used technique for determining tactile gnosis.

**TRIGONAL MONOFILAMENT**

- **31277 TRIGONAL MONOFILAMENT**

Trigonal shape diabetic monofilament with 3 different monofilament diameters: 0.4, 0.5 and 0.7 mm

---

**MONOFILAMENT - SENSORY EVALUATOR**

Diagnostic tool for detecting diabetic neuropathy. Supplied in pouch with multilingual user manual and 3 spare monofilaments.

- **31282 MONOFILAMENT TOOL - sensory evaluator**

Plastic retractable monofilament with 3 spare monofilaments. Evaluates both diminishing and returning sensation (touch test). Examines levels of sensory function and changes in neuro status. Monofilament is calibrated at 10 g. Size: 13x2.5 cm + 4 cm monofilament.

- **31281 KIT OF 3 MONOFILAMENTS - spare**
**ENT TUNING FORKS:**
All made in Germany, with age-long craftsmanship experience, in special alloy that ensures maximum sound precision.

<table>
<thead>
<tr>
<th>GIMA code</th>
<th>ENT TUNING FORKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>31230</td>
<td>Tuning fork 128 Hz* - with weight</td>
</tr>
<tr>
<td>31231</td>
<td>Tuning fork 256 Hz* - with weight</td>
</tr>
<tr>
<td>31232</td>
<td>Tuning fork 512 Hz</td>
</tr>
<tr>
<td>31233</td>
<td>Tuning fork 1024 Hz</td>
</tr>
<tr>
<td>31234</td>
<td>Tuning fork 2048 Hz</td>
</tr>
<tr>
<td>31235</td>
<td>Tuning fork 4096 Hz</td>
</tr>
<tr>
<td>31240</td>
<td>Set of 5 tuning forks in a stylish lined case (contains 128 Hz*, 256 Hz*, 512 Hz, 1024 Hz, 2048 Hz). Tuning forks with asterisk * are supplied with weight</td>
</tr>
</tbody>
</table>

**ENT/NEUROLOGY TUNING FORKS**
All made in a special alloy and supplied with base.

<table>
<thead>
<tr>
<th>GIMA code</th>
<th>ENT/NEUROLOGY TUNING FORKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>31245</td>
<td>Tuning fork a1-440 Hz - ENT - 90 g</td>
</tr>
<tr>
<td>31246</td>
<td>Tuning fork - LUCAE - 85 g adjustable from c128 to h240 with foot</td>
</tr>
<tr>
<td>31247</td>
<td>Tuning fork C64, c128 - RYDEL SEIFFER detachable slider either C64 or c128 - 130 g</td>
</tr>
<tr>
<td>31249</td>
<td>Hammer neurotone 5 in a lined case</td>
</tr>
</tbody>
</table>

**ALUMINIUM ALLOY DIAPASONS - TUNING FORKS**

- 31225 ALUMINIUM TUNING FORK 128 Hz
- 31226 ALUMINIUM TUNING FORK 128 Hz - with foot

Made of finest aluminium alloy and precisely shaped to meet highest requisites (standards) in medical field.

**NYSTAGMUS SPECTACLES - DR. FRENZEL - MADE IN GERMANY**

- 31204 NYSTAGMUS SPECTACLES - DR. FRENZEL - black
  Easy to use in the search of spontaneous or provoked nystagmus. Fixed, biconvex lens + 18.0 diopters. Nystagmus spectacles should be connected only with < 4.2 V transformer as per safety norms 93/42/EEC. See code 31203 or 31214
- 31214 BATTERY handle for 31204
  Offers mobility during examination. Needs 3x1.5 V CLR14 batteries (not included)
- 31203 PLUG-IN TRANSFORMER for 31204
- 31206 BATTERY NYSTAGMUS SPECTACLES - DR. FRENZEL - black
  This model allows wireless working and is provided with power through the adjustable battery placed above the spectacle. Requires three 1.5 Volt batteries, size C LR14/AM-2 (baby cells). Illumination can be adjusted through a turn of the switch.
- 31208 NYSTAGMUS BULB - spare for 31204, 31206
  4 Volt 0.230 Ampere, 1 Watt threading Ø 3.5x0.35 mm
- 31207 LED BATTERY NYSTAGMUS SPECTACLES - white
  Same as 31206 with LED and inner function that makes easier watching the rashes within a particular time period (30, 60, 90 seconds).
- 31209 LED POWER SUPPLY NYSTAGMUS SPECTACLES - white
  Same as 31204 with LED and rechargeable power supply.

**USB VIDEO NYSTAGMOSCOPE SYSTEMS**

- 31213 VIDEO NYSTAGMOSCOPE - USB
  - mask with ir camera and USB cable
  Facilitate to view and register the Nystagmus through standard vestibular tests (both position and instrumental proof).
  This system allows to view on the monitor or PC/Notebook images of patient eyes during tests and to make Visual Suppression Test (VST) through a green LED light inside the mask to allow fixation. Innovative technology allows to get quality images. Power 12V DC.
## OPTOMETRIC CHARTS

<table>
<thead>
<tr>
<th>GIMA code</th>
<th>OPTOMETRIC CHARTS*</th>
<th>Working distance</th>
<th>Size cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>31301</td>
<td>SNELLEN eye chart with red/green bar visual acuity test</td>
<td>10 feet</td>
<td>23x35.5</td>
</tr>
<tr>
<td>31302</td>
<td>TUMBLING “E” colour vision chart-visual acuity screen</td>
<td>20 feet</td>
<td>23x35.5</td>
</tr>
<tr>
<td>31303</td>
<td>SNELLEN eye chart for visual acuity and colour vision test</td>
<td>20 feet</td>
<td>23x35.5</td>
</tr>
<tr>
<td>31304</td>
<td>SLOAN colour bar visual acuity chart</td>
<td>20 feet</td>
<td>6.1 x 28.5</td>
</tr>
<tr>
<td>31307</td>
<td>TUMBLING “E” eye chart</td>
<td>20 feet</td>
<td>6.1 x 28.5</td>
</tr>
<tr>
<td>31308</td>
<td>TRADITIONAL SNELLEN eye chart</td>
<td>20 feet</td>
<td>6.1 x 28.5</td>
</tr>
<tr>
<td>31309</td>
<td>MIXED DECIMAL chart</td>
<td>10 feet</td>
<td>3 x 28.5</td>
</tr>
<tr>
<td>31310</td>
<td>EWING illiterate test chart</td>
<td>20 feet</td>
<td>3 x 28.5</td>
</tr>
<tr>
<td>31311</td>
<td>SLOAN near vision chart (2 sides printed)</td>
<td>16 inches</td>
<td>40 cm x 18x23</td>
</tr>
</tbody>
</table>

*Polypropylene natural white sheet, approx. thickness 0.8 to 1.0 mm

## LEA SYMBOLS AND NUMBERS VISION CARDS AND CHARTS

- **31322 LEA SYMBOLS NEAR VISION CARD - 40 cm (16 inches)**
  This test measures near visual acuity with proportionally spaced (logMAR) lines on the front and lines with 25% and 50% spacing on the back. Response key printed on test card. Includes training cards and instructions. Card measures 20.3x25.4 cm (8x10”).

- **31323 LEA SYMBOLS 15-LINE DISTANT CHART - 3 m (10 feet)**
  This test is designed for vision screening at schools and assessment of vision of children with special needs beginning with age of 3 years. Has a hole for hanging the chart on the wall. Includes response key, training cards, and instructions. 43x53.4 cm (17x21”). Folds to 43x26.7 (17x10.5”).

- **31324 LEA NUMBERS NEAR VISION CARD - 40 cm (16 inches)**
  Designed to measure visual acuity with a standard line test and with three tighter spaced tests; 50%, 25%, and 12.5%, which often reveal difficulties in seeing tightly crowded details. Card measures 20.3x25.4 cm (8x10”).

- **31325 LEA NUMBERS 15-LINE DISTANT CHART - 3 m (10 feet)**
  This test is designed for vision screening at schools and assessment of vision of children with special needs beginning with age of 5 years. Has hole for hanging on the wall. 45.7x50.8 cm (18x20”). Folds to 45.7x25.4 (18x10”).

## LOW CONTRAST CHARTS

- **31317 CONTRAST SENSITIVITY CARD - NEAR VISION 40 cm size 40x34 cm**
- **31318 CONTRAST SENSITIVITY CHART - FROM A DISTANCE 3 m size 77x61 cm**
  It checks for the ability to distinguish light and dark (contrast). It can detect vision problems. Also useful to reveal in time regression or progression of the cataract disease.

## OCCLUDERS

- **31274 EYE OCCLUDER - 170x200x3 mm**
- **31274 OCCLUDER - 154 x Ø 47 mm**
- **31276 FUN FROSTED OCCLUDER GLASSES**
  Set of two tiger fun frosted glasses to be used as occluder during children examinations one to occlude each eye.

## OPTOMETRIC PENCILS

- **31319 OPTOMETRIC PENCILS - set of 2 pcs**
  Set of two wooden puppets (red and white) used to capture attention during vision evaluation in young non-verbal children. Can also be used for test of convergence.
**ISHIHARA COLOUR TEST**

ISHIHARA Colour Test

These series of plates are designed to provide a test which gives a quick and accurate assessment of colour vision deficiency of congenital origin. This is the most common form of colour vision disorders. Most cases of congenital colour vision deficiency are characterized by a red-green deficiency which may be of two types: a protan type which may be absolute (protanopia) or partial (protanomalia), and a deutan type which may be absolute (deuteranopia) or partial (deuteranomalia).

<table>
<thead>
<tr>
<th>GIMA code</th>
<th>ISHIHARA COLOUR TEST</th>
</tr>
</thead>
<tbody>
<tr>
<td>31290</td>
<td>Book of 10 plates for illiterates</td>
</tr>
<tr>
<td>31291</td>
<td>Book of 24 plates</td>
</tr>
<tr>
<td>31292</td>
<td>Book of 38 plates</td>
</tr>
</tbody>
</table>

**STEREOPSIS TESTS**

- **31283 FLY STEREO ACUITY TEST**
- **31284 BUTTERFLY STEREO ACUITY TEST**

Designed to rapidly test for amblyopia and strabismus using gross to fine stereopsis (4800 to 20 sec of arc):
- graded circle test from 400 sec now down to 20 sec
- new technology → no monocular clues
- answer key on back cover
- includes pair of standard polarised viewers

- **31285 RANDOM DOT STEREO ACUITY TEST**

Designed to rapidly test for amblyopia and strabismus in early and non-readers and non-verbal children and adults
- expanded random dot test (500, 250, 125, 63 sec of arc)
- graded circle test now down to 12.5 sec
- answer key on back cover
- includes pair of standard polarised viewers

**STEREOPTIC TEST**

- **31293 STEREOPTIC TEST**

This test is performed at a distance of 30-40 cm and allows evaluation of the cooperation between the two eyes to form a single image to the brain from the two image provided separately by each of the two eyes.

It can be used for children from the age of one year and adults if you suspect strabismus, amblyopia or visual reduction of one or both eyes.

Gima stereoptic test contains one ball, one fish, one star, one tree. Ball can be seen by one eye only.

**GIMA COLOUR TEST**

- **31287 GIMA ADULT COLOUR TEST - 15 plates**
- **31286 GIMA PEDIATRIC COLOUR TEST - 10 plates**

Single plates packed in a practical aluminium box.

**WORTH LED LIGHT TEST**

- **31289 WORTH LED LIGHT TEST - with red/green glasses**

The Worth 4 dot test, is a clinical test for suppression of either the right or left eye. Suppression occurs during binocular vision, when the brain does not process the information received from either of the eyes. This is a common adaptation to strabismus, amblyopia, and aniseikonia.

Battery not included, glasses included.

**LANG STEREOTEST**

- **31294 LANG STEREOTEST I**
- **31295 LANG STEREOTEST II**

Stereotest I was created to simplify stereopsis screening in children. It is based on two principles: on random dots and on cylinder gratings.

Stereotest II is a further development and helps the assessment of binocular vision.

**SCHIÖTZ TONOMETER**

- **31220 SCHIÖTZ TONOMETER - straight scale**
- **31222 SCHIÖTZ TONOMETER - inclined scale**

A masterpiece of precision mechanism, measures intraocular pressure according to Prof. Schiötz standards.

Vital parts are made of stainless steel.

High quality agate bearing for extremely long service life.

Set 3 weights included (5.5-7.5-10 g).

Scale specification 5. In black deluxe case with velvet-look inserts.

Perfect reading of the scale with red pointer. Made in Germany.
TRAD STETHOSCOPES - GOOD VALUE FOR MONEY

TRAD STETHOSCOPES: adult, pediatric
Traditional aluminium stethoscopes, lightweight and reliable.
Chestpiece diaphragm Ø 43.5 mm (Ø 35 for pediatric model), bell Ø 30 mm (Ø 26.5 for pediatric model) external sizes.
Brass binaural, non chill ring.
Tubing: length 62 cm, int. Ø 4 mm, ext. Ø 8 mm.

COVERS FOR STETHO

<table>
<thead>
<tr>
<th>GIMA code</th>
<th>COVERS FOR STETHOSCOPES*</th>
</tr>
</thead>
<tbody>
<tr>
<td>32653</td>
<td>Pig cover for stethoscopes</td>
</tr>
<tr>
<td>32654</td>
<td>Dragon cover for stethoscopes</td>
</tr>
<tr>
<td>32652</td>
<td>Cow cover for stethoscopes</td>
</tr>
</tbody>
</table>

*For pediatric applications, fits every kind of stethoscopes. Other shapes available for quantitative

SPARE PARTS AND ACCESSORIES FOR STETHOSCOPES

<table>
<thead>
<tr>
<th>GIMA code</th>
<th>QUALITY &quot;Y&quot; TUBING</th>
<th>Minimum order</th>
</tr>
</thead>
<tbody>
<tr>
<td>32620</td>
<td>&quot;Y&quot; tubing mixed colours</td>
<td>box of 20</td>
</tr>
<tr>
<td>32621</td>
<td>&quot;Y&quot; tubing - black</td>
<td>box of 20</td>
</tr>
<tr>
<td>32622</td>
<td>&quot;Y&quot; tubing - green</td>
<td>box of 20</td>
</tr>
<tr>
<td>32623</td>
<td>&quot;Y&quot; tubing - blue</td>
<td>box of 20</td>
</tr>
<tr>
<td>32624</td>
<td>&quot;Y&quot; tubing - red</td>
<td>box of 20</td>
</tr>
<tr>
<td>32625</td>
<td>&quot;Y&quot; tubing - orange</td>
<td>box of 20</td>
</tr>
<tr>
<td>32626</td>
<td>&quot;Y&quot; tubing - light blue</td>
<td>box of 20</td>
</tr>
<tr>
<td>32627</td>
<td>&quot;Y&quot; tubing - yellow</td>
<td>box of 20</td>
</tr>
<tr>
<td>32628</td>
<td>&quot;Y&quot; tubing - purple</td>
<td>box of 20</td>
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<tr>
<td>32629</td>
<td>&quot;Y&quot; tubing - pink</td>
<td>box of 20</td>
</tr>
<tr>
<td>32645</td>
<td>&quot;Y&quot; tubing - other colours on request*</td>
<td>box of 20</td>
</tr>
</tbody>
</table>

*Over 20 colours available: frosted green, black, blue, mel, pink, lavender, teal, ice blue, grey...

BINAURAL - DIAPHRAGM - HEADS

<table>
<thead>
<tr>
<th>GIMA code</th>
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</thead>
<tbody>
<tr>
<td>32656</td>
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<td>32665</td>
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<td>32666</td>
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<td>32668</td>
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EARTIPS AND ADAPTORS

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<tbody>
<tr>
<td>32659</td>
<td>Standard eartips - rigid - universal</td>
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<tr>
<td>32663</td>
<td>Mushroom eartips - universal</td>
</tr>
<tr>
<td>32664</td>
<td>Rigid eartips screw-type - for Classic, Wan, Yton, Duca, Regalite</td>
</tr>
<tr>
<td>32660</td>
<td>Male-female adaptor</td>
</tr>
</tbody>
</table>
**WAN STETHOSCOPES - ADULT**

WAN ADULT STETHOSCOPES
Features a chrome-plated zinc-alloy chestpiece, a screw-on plastic retaining ring, outer spring binaural and colour matched moulded PVC tubing with non-chill ring.
Assure optimum acoustic performances.
Chestpiece: Ø 45 mm, bell Ø 30 mm.
Tubing: length 63 cm, int. Ø 4.2 mm, ext. Ø 8 mm.
Supplied in a cardboard box.
Manual and box in 11 languages: GB, FR, IT, ES, DE, PT, GR, PL, HU, SE, Arabic.

<table>
<thead>
<tr>
<th>GIMA code</th>
<th>WAN STETHOSCOPES - LATEX FREE</th>
</tr>
</thead>
<tbody>
<tr>
<td>32569</td>
<td>WAN single head adult - black</td>
</tr>
<tr>
<td>32570</td>
<td>WAN single head adult - blue</td>
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<tr>
<td>32571</td>
<td>WAN single head adult - burgundy</td>
</tr>
<tr>
<td>32572</td>
<td>WAN single head adult - orange</td>
</tr>
<tr>
<td>32574</td>
<td>WAN double head adult - black</td>
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<tr>
<td>32575</td>
<td>WAN double head adult - blue</td>
</tr>
<tr>
<td>32576</td>
<td>WAN double head adult - burgundy</td>
</tr>
<tr>
<td>32577</td>
<td>WAN double head adult - orange</td>
</tr>
<tr>
<td>32678</td>
<td>Diaphragm Ø 44 mm - spare</td>
</tr>
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</table>

**WAN PEDIATRIC AND NEONATAL STETHOSCOPES**
Features a chrome-plated zinc-alloy chestpiece, a screw-on plastic retaining ring, outer spring binaural and colour matched moulded PVC tubing with non-chill ring.
Assure optimum acoustic performances.
Chestpiece: Ø 35 mm, bell Ø 30 mm, (pediatric) or Ø 22 mm, bell Ø 19 mm (neonatal). Tubing length: 63 cm.

**WAN PLUS:**
Same as standard with inner spring binaural, superior tubing quality and 2 pair of soft colour coordinated ear tips in different size.

<table>
<thead>
<tr>
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<th>WAN STETHOSCOPES - LATEX FREE</th>
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</thead>
<tbody>
<tr>
<td>32508</td>
<td>WAN double head neonatal - red</td>
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<tr>
<td>32509</td>
<td>WAN double head neonatal - grey</td>
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<tr>
<td>32513</td>
<td>WAN double head pediatric - light-blue</td>
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<td>32515</td>
<td>WAN double head pediatric - red</td>
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<tr>
<td>32511</td>
<td>WAN PLUS double head pediatric - pink</td>
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<tr>
<td>32506</td>
<td>WAN PLUS double head pediatric - black</td>
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</tbody>
</table>

**DESIGN STETHOSCOPES**

- **32527 DESIGN STETHO - transparent blue**
- **32528 DESIGN STETHO - transparent purple**
High quality single head stethoscope with fashionable design diaphragm and “Superflex™” binaural. Provides high acoustic performances thanks to its quality components. Head and tube are in transparent coordinated colour.

**YTON STETHOSCOPES**

**YTON STETHOSCOPES - LATEX FREE**

- **32527 Yton single head - green teal colour**
- **32530 Yton double head - green teal colour**

**YTON STETHOSCOPES:**
Chestpiece Ø 45 mm, bell Ø 30 mm (for double head), with colour coordinated plastic retaining ring. "Duracote®" finished.
Supplied in cardboard box.
Manual and box in 11 languages: GB, FR, IT, DE, ES, PT, GR, PL, SE, HU, Arabic.
**JOTARAP STEThOSCOPE: DOUBLE-HEAD, DOUBLE TUBE**

Gima Sprague Rappaport type double-head, double-tube, latex free stethoscope at the price of a standard stethoscope. **5 in 1, five way convertible type stethoscope**

This convertible stetho, zinc alloy tared with chrome plated chestpiece drum fitting with different sized chestpieces bells, provides versatile acoustics for infants and adults for the detection of a wide range of heart and lung sounds.

<table>
<thead>
<tr>
<th>GIMA code</th>
<th>JOTARAP STEThOSCOPE</th>
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<tbody>
<tr>
<td>32579</td>
<td>JOTARAP - purple</td>
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<td>32580</td>
<td>JOTARAP - black</td>
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<tr>
<td>32581</td>
<td>JOTARAP - blue</td>
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<tr>
<td>32582</td>
<td>JOTARAP - neon orange</td>
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<td>32583</td>
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<td>32584</td>
<td>JOTARAP - neon yellow</td>
</tr>
<tr>
<td>32585</td>
<td>JOTARAP - light blue</td>
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<tr>
<td>32586</td>
<td>JOTARAP - fuchsia</td>
</tr>
<tr>
<td>32587</td>
<td>JOTARAP - transparent pink</td>
</tr>
<tr>
<td>32590</td>
<td>ACCESSORY KIT - spare</td>
</tr>
</tbody>
</table>

Chestpiece with small and large diaphragm. **Double tubing for individual sound transmission**

Two separate 56 cm (22") thick latex free wall tubing provide individual sound transmission from chestpiece to both sides of the ear. Complete in cardboard box with accessory kit (32590).

It is supplied with an accessory pouch containing:

- 3 interchangeable plastic black non-chill bells, adult and pediatric spare diaphragm, one pair clear neoprene eartips, one pair black mushroom eartips.

10 languages manual (GB, FR, DE, IT, ES, PT, GR, PL, HU, Arabic).

**LINUX STEThOSCOPEs**

Chestpiece Ø: 44 mm
Tubing: length 62 cm
int. Ø 4 mm
ext. Ø 8 mm

- 32518 LINUX STEThOSCOPE - blue
- 32524 LINUX STEThOSCOPE - black
- 32529 LINUX STEThOSCOPE - red

Single head stethoscope with lightweight zinc alloy chestpiece plated with an attractive satin finish. The special design assures better performances by pushing the back of the head.

Non-chill diaphragm retaining rim for patient comfort. Stainless steel binaural fixed at 15° angle for greater comfort and acoustic seal. Soft and flexible PVC tubing. Supplied in deluxe box with one pair of plastic eartips and PVC eartips.

Manual and box in 11 languages: GB, FR, IT, ES, DE, PT, GR, PL, HU, SE, Arabic.
**CARDIOLOGY STETHOSCOPES**

- **32550 CARDIOLOGY CLASSIC STETHOSCOPE** - blue
- **32551 CARDIOLOGY CLASSIC STETHOSCOPE** - burgundy
- **32552 CARDIOLOGY CLASSIC STETHOSCOPE** - black

Cardiology Classic offers acoustical excellence in a traditional design with superior durability. Its innovative features include:
- stainless steel chestpiece (diameter 33-44 mm) with extra deep cone-shaped bell for a superb low frequency response
- stainless steel double inner spring binaural
- ultra-sensitive diaphragm for unsurpassed amplification
- durable, elegantly moulded 55.5 cm (22") PVC tubing (int. Ø 6.5 mm, ext. Ø 12 mm)

Manual and box in 11 languages: GB, FR, DE, IT, ES, PT, GR, PL, HU, SE, Arabic.

**PROFESSIONAL STETHOSCOPE**

- **32526 REGALITE** - black
  Top quality single head stethoscope.
  Patented multi-frequency “ring-o-raised™” diaphragm system.
  Chromed plated chestpiece with “SUPERFLEX” inner spring binaural and 1 piece moulded, latex free, PVC tubing.
  Supplied in deluxe box, with spare soft eartips and one spare diaphragm.

Manual and box in 7 languages: GB, FR, IT, ES, PT, GR, Arabic.

**LYNX MULTI-FUNCTIONAL VISUAL STETHOSCOPE**

- **32596 LYNX 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 pulsoximeter.
- compact and portable, easy to use
- adjustable screen contrast
- adult SpO₂ sensor
- alarm function for SpO₂ and Pulse rate
- low power consumption

Multilanguage box and manual: GB, FR, IT, ES

**MULTI-FUNCTIONAL VISUAL STETHOSCOPE**

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

The device includes 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
- recorded data can be transferred to PC
- PC analysis software
- low power consumption

Multilanguage box and manual: GB, FR, IT, ES
ACOUSTIC EXCELLENCE DOUBLE HEAD STETHOSCOPES

CLASSIC STAINLESS STEEL STETHOSCOPES - Adult and Pediatric
High quality stethoscope with stainless steel chestpiece, stainless steel double inner spring binaural and durable, elegantly moulded PVC tubing for unsurpassed acoustic performance. The colour coordinated flexible 55 cm (22") PVC "Y" tubing, non-chill ring and diaphragm retaining ring provide excellent patient comfort, while adding attractiveness. It comes in a foam lined box with 2 extra sets of soft eartips. Chestpiece: Ø 45 mm (adult), Ø 35 mm (pediatric). Manual and box in: GB, FR, DE, IT, ES, PT, GR, PL, HU, SE, Arabic.

CLASSIC IN 11 COLOURS

RIESTER DUPLEX® 2.0 STAINLESS STEEL STETHOSCOPES
Duplex® 2.0 stethoscopes are distinguished by outstanding acoustic performance. They have been completely new constructed to meet the challenges of daily diagnostic practice. Special design tube for better auscultation of adults, children/babies or new-borns.
- precision double chest-piece made of stainless steel with innovative membrane support
- anatomically shaped binaural with internal multiple spring for adjusting the contact pressure
- extra-soft, replaceable and pivotable ear-tips for perfect sealing at the ear canal and enhanced wear comfort
- innovative acoustic system with extraordinary auscultation for all frequency ranges

RIESTER DUPLEX® 2.0 STAINLESS STEEL STETHOSCOPES, SIMPLY BETTER HEARING

- special membrane for precise acoustics with novel non-chill rims for improved adaptation on the skin

GIMA code | CLASSIC DOUBLE HEAD S/S STETHOSCOPES - ADULT
--- | ---
32531 | Classic adult - dark green
32532 | Classic adult - orange
32533 | Classic adult - light blue
32534 | Classic adult - black
32535 | Classic adult - burgundy
32536 | Classic adult - dark blue
32537 | Classic adult - green
32538 | Classic adult - red
32539 | Classic adult - pink
32540 | Classic adult - royal blue
32541 | Classic adult - lilac

GIMA code | CLASSIC DOUBLE HEAD S/S TEACHING STETHOSCOPES
--- | ---
32542 | Classic Teaching - black allows simultaneously auscultation by 2 people

GIMA code | ACCESSORIES - SPARES
--- | ---
32678 | Diaphragm Ø 44 mm - spare for Classic adult
32664 | Rigid eartips screw-type - white spare for Classic/Wan/Yton/Duca/Regalite
ERKA FINESSE STETHOSCOPES - MADE IN GERMANY

FINESSE STETHOSCOPES
With the reversible double chest-piece you’ll be prepared for all eventualities in everyday medical practice. The membrane side guarantees optimal auscultation for the entire frequency spectrum and the open bell side is specifically designed for low frequencies.

FINESSE2 STETHOSCOPES
The reversible, combined chest-piece has two membrane sides, each making the full frequency range perfectly audible. The large membrane is suitable for auscultation of adults and the small one for children or slim patients.

FEATURES
- 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.

ERKAPHON STETHOSCOPES - MADE IN GERMANY

ERKAPHON STETHOSCOPES:
High quality precision stethoscopes for excellent acoustics, made in Germany.

All stethoscopes are equipped with 56 cm long Y tube, brass chrome-plated binaural and chest-piece (32350, 32358) or aluminium (32344-7), membrane Ø 44 mm, bell Ø 30 mm (32358 only).
The 3M Littmann® Select Stethoscope is ideal for general examination purposes, including blood pressure measurement. The patented single-sided chestpiece for both low and high frequency sounds offers acoustic clarity.

Lightweight Select
- Head Ø 44 mm
- Lightweight only 118 g
- Headset made of aerospace alloy

3M™ LITTMANN® SELECT STETHOSCOPES - length 71 cm
- 32397 2292 Littmann® Select - pearl pink
- 32398 2294 Littmann® Select - violet
- 32399 2306 Littmann® Select - ocean blue
- 32400 2298 Littmann® Select - royal blue
- 32401 2293 Littmann® Select - burgundy
- 32403 2290 Littmann® Select - black
- 32282 2291 Littmann® Select - caribbean blue
- 32283 2296 Littmann® Select - raspberry
- 32396 Littmann® Select - colour on request

*Minimum order 3 pieces

3M™ LITTMANN® LIGHTWEIGHT II
- Standard length 71 cm
- Tunable diaphragm for easy low and high frequency monitoring
- Headset made of aerospace alloy

3M™ LITTMANN® MASTER CLASSIC II
- Other colours on request available in 20 days
- Length 69 cm - head Ø 44 mm
- Black Edition

*Minimum order 3 pieces
The 3M™ Littmann® Classic III™ Stethoscope offers:
- Small side converts to open bell
- Next generation longer-life tubing
- Snap tight soft-sealing eartips
- Small-side diaphragm prevents debris in open bell
- Versatile adult and pediatric two-sides chestpiece (pressure sensitive)
- High acoustic sensitivity

It features dual tunable diaphragms and updated design.

When doing general physical assessments, high acoustic sensitivity is exceptional performance.

3M™ Littmann® Classic II S.E. Stethoscopes
- Special finish - head Ø 44/32 mm
- Length 71 cm

3M™ Littmann® Classic II Special Finish
- Special finish - head Ø 44/32 mm
- Length 71 cm

3M™ Littmann® Classic II Pediatric
- Special finish - head Ø 33/25 mm
- Length 69 cm

3M™ Littmann® Classic II Infant
- Special finish - head Ø 27/19 mm
- Length 69 cm

CLASSIC III - SPECIAL EDITION - head Ø 43/33 mm
- Length 69 cm

CLASSIC III SPECIAL EDITION - head Ø 43/33 mm
- Length 69 cm
The 3M™ Littmann® Cardiology IV helps you to catch more of the subtle critical sounds, thanks to the improved acoustics and the new design, more versatile than ever.

- better audibility of high-frequency sounds
- tunable diaphragms for hearing both high and low frequency sounds without turning over the chestpiece (pressure sensitive)
- adult and paediatric sides for more versatility
- single-piece diaphragm, easier to attach and clean, because the surface is smooth without crevices
- next generation longer-life tubing
- snap tight soft-sealing eartips.

GIMA code 3M™ Littmann® Stethoscopes - length 69 cm

<table>
<thead>
<tr>
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<th>3M™ Littmann® Stethoscopes</th>
<th>3M™ Littmann® Stethoscopes - head Ø 43/33 mm</th>
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</thead>
<tbody>
<tr>
<td>32631</td>
<td>6162 Littmann® Cardiology IV black - smoke finish</td>
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</tr>
<tr>
<td>32632</td>
<td>6163 Littmann® Cardiology IV black edition</td>
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<tr>
<td>32633</td>
<td>6164 Littmann® Cardiology IV black - brass finish</td>
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<tr>
<td>32634</td>
<td>6165 Littmann® Cardiology IV black - rainbow finish</td>
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<tr>
<td>32635</td>
<td>6166 Littmann® Cardiology IV plum - smoke finish</td>
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<td>32636</td>
<td>6168 Littmann® Cardiology IV navy blue - black finish</td>
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<td>32637</td>
<td>6171 Littmann® Cardiology IV turquoise - smoke finish</td>
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<tr>
<td>32638</td>
<td>6178 Littmann® Cardiology IV raspberry - smoke finish</td>
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CARDIOLOGY IV MIRROR FINISH - head Ø 43/33 mm

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<tr>
<th>GIMA code</th>
<th>3M™ Littmann® Stethoscopes</th>
<th>3M™ Littmann® Stethoscopes - head Ø 51 mm</th>
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<tbody>
<tr>
<td>32646</td>
<td>6169 Littmann® Cardiology IV caribbean blue - mirror fin.</td>
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<tr>
<td>32647</td>
<td>6170 Littmann® Cardiology IV burgundy - mirror finish</td>
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<tr>
<td>32648</td>
<td>6177 Littmann® Cardiology IV black - mirror finish</td>
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<tr>
<td>32649</td>
<td>6179 Littmann® Cardiology IV black/champagne - smoke fin.</td>
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CARDIOLOGY IV SPECIAL FINISHES - head Ø 43/33 mm

<table>
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<th>3M™ Littmann® Stethoscopes</th>
<th>3M™ Littmann® Stethoscopes - head Ø 43/33 mm</th>
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<tbody>
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<td>32606</td>
<td>6152 Littmann® Cardiology IV black</td>
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<td>6153 Littmann® Cardiology IV burgundy</td>
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<tr>
<td>32608</td>
<td>6154 Littmann® Cardiology IV navy blue</td>
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</tr>
<tr>
<td>32609</td>
<td>6155 Littmann® Cardiology IV hunter green</td>
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</tr>
<tr>
<td>32610</td>
<td>6156 Littmann® Cardiology IV plum</td>
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<td>32611</td>
<td>6157 Littmann® Cardiology IV caribbean blue</td>
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<td>32612</td>
<td>6158 Littmann® Cardiology IV raspberry</td>
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<tr>
<td>32613</td>
<td>6161 Littmann® Cardiology IV rose pink</td>
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CARDIOLOGY III - head Ø 43/33 mm

<table>
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<tr>
<th>GIMA code</th>
<th>3M™ Littmann® Stethoscopes</th>
<th>3M™ Littmann® Stethoscopes - head Ø 43/33 mm</th>
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<tbody>
<tr>
<td>32371</td>
<td>3138 Littmann® Cardiology III caribbean blue</td>
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<td>32372</td>
<td>3148 Littmann® Cardiology III raspberry</td>
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<tr>
<td>32429</td>
<td>3149 Littmann® Cardiology III coral pink</td>
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</tr>
<tr>
<td>32430</td>
<td>3128 Littmann® Cardiology III black</td>
<td></td>
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<td>32431</td>
<td>3129 Littmann® Cardiology III burgundy</td>
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</tr>
<tr>
<td>32432</td>
<td>3130 Littmann® Cardiology III navy blue</td>
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<tr>
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<tr>
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<td>3134 Littmann® Cardiology III hunter green</td>
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<td>32443</td>
<td>3146 Littmann® Cardiology III light blue</td>
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<td>32444</td>
<td>3140 Littmann® Cardiology III red</td>
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CARDIOLOGY III SPECIAL EDITION - head Ø 43/33 mm

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<th>3M™ Littmann® Stethoscopes - head Ø 43/33 mm</th>
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<tbody>
<tr>
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<td>3161 Littmann® Cardiology III lime - smoke finish</td>
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<tr>
<td>32472</td>
<td>3131B Littmann® Cardiology III black edition</td>
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<tr>
<td>32474</td>
<td>3137CPR Littmann® Cardiology III chocolate - copper finish</td>
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<td>32475</td>
<td>3128BRS Littmann® Cardiology III black - brass finish</td>
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<td>32373</td>
<td>3152BFW Littmann® Cardiology III black - rainbow finish</td>
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CARDIOLOGY III BLACK EDITION

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<tbody>
<tr>
<td>32330</td>
<td>3141 Littmann® Traditional black</td>
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<tr>
<td>32331</td>
<td>3142 Littmann® Traditional navy blue</td>
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<td>32332</td>
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CARDIOLOGY TRADITIONAL

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<td>32473</td>
<td>2161 Littmann® Master Cardiology black edition</td>
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<tr>
<td>32363</td>
<td>2183 Littmann® Master Cardiology black brown finish</td>
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<tr>
<td>32359</td>
<td>Littmann® Master Cardiology colour on request</td>
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CARDIOLOGY III COPPER FINISH

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<td>32331</td>
<td>3142 Littmann® Traditional navy blue</td>
<td></td>
</tr>
<tr>
<td>32332</td>
<td>3143 Littmann® Traditional burgundy</td>
<td></td>
</tr>
</tbody>
</table>

CARDIOLOGY TRADITIONAL

<table>
<thead>
<tr>
<th>GIMA code</th>
<th>3M™ Littmann® Stethoscopes</th>
<th>3M™ Littmann® Stethoscopes - head Ø 43/33 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>32360</td>
<td>2176 Littmann® Master Cardiology black smoke ed.</td>
<td></td>
</tr>
<tr>
<td>32473</td>
<td>2161 Littmann® Master Cardiology black edition</td>
<td></td>
</tr>
<tr>
<td>32363</td>
<td>2183 Littmann® Master Cardiology brown finish</td>
<td></td>
</tr>
<tr>
<td>32359</td>
<td>Littmann® Master Cardiology colour on request</td>
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</table>

CARDIOLOGY III - black edition

<table>
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<tr>
<th>GIMA code</th>
<th>3M™ Littmann® Stethoscopes</th>
<th>3M™ Littmann® Stethoscopes - head Ø 43/33 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>32330</td>
<td>3141 Littmann® Traditional black</td>
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<tr>
<td>32331</td>
<td>3142 Littmann® Traditional navy blue</td>
<td></td>
</tr>
<tr>
<td>32332</td>
<td>3143 Littmann® Traditional burgundy</td>
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</tr>
</tbody>
</table>

CARDIOLOGY III - black

<table>
<thead>
<tr>
<th>GIMA code</th>
<th>3M™ Littmann® Stethoscopes</th>
<th>3M™ Littmann® Stethoscopes - head Ø 43/33 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>32360</td>
<td>2176 Littmann® Master Cardiology black smoke ed.</td>
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<tr>
<td>32473</td>
<td>2161 Littmann® Master Cardiology black edition</td>
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</tr>
<tr>
<td>32363</td>
<td>2183 Littmann® Master Cardiology brown finish</td>
<td></td>
</tr>
<tr>
<td>32359</td>
<td>Littmann® Master Cardiology colour on request</td>
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CARDIOLOGY III - red

<table>
<thead>
<tr>
<th>GIMA code</th>
<th>3M™ Littmann® Stethoscopes</th>
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</thead>
<tbody>
<tr>
<td>32369</td>
<td>3161 Littmann® Cardiology III lime - smoke finish</td>
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</tr>
<tr>
<td>32472</td>
<td>3131B Littmann® Cardiology III black edition</td>
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</tr>
<tr>
<td>32474</td>
<td>3137CPR Littmann® Cardiology III chocolate - copper finish</td>
<td></td>
</tr>
<tr>
<td>32475</td>
<td>3128BRS Littmann® Cardiology III black - brass finish</td>
<td></td>
</tr>
<tr>
<td>32373</td>
<td>3152BFW Littmann® Cardiology III black - rainbow finish</td>
<td></td>
</tr>
</tbody>
</table>
For Classic IIITM - grey - blister
Neoprene grey ring - infant - box of 5
For Cardiology IIITM - grey - blister
Ear Tips - grey - small and large
For Classic II S.E., Select, Master classic, Cardio III (large side) - grey
Neoprene grey ring - Classic II - box of 10
Diaphragm for Electronic 3100 - dark grey
Ear Tips - grey - rigid - large
For Classic II S.E. - black - blister
For Master Cardiology - grey
Neoprene grey ring - pediatric - box of 5
Diaphragm for Pediatric Classic II - box of 10
Retaining ring for Pediatric Classic II - grey - box of 5
For Classic II S.E. - grey - blister
Name tag - grey
Up to 24X Sound Amplification
- tubbing, the sensor brings the ambient noise entering through the seal. It means a tighter seal from ambient noise entering through tubing and eartip connections.
State-of-the-Art Sound Sensor
Positioned at the base of the tubing, the sensor brings the sound more naturally to your ears. Up to 24X Sound Amplification Useful for obese

**3M™ LITTLMANN® ACCESSORIES**

**DIAPHRAGM + RETAINING RING - box of 5 pcs**

- 32449 36572
  For Cardiology III (small side) - black
- 51443 36556
  For Classic II S.E., Select, Master classic, Cardio III (large side) - black
- 51446 36557
  For Classic II S.E., Select, Master classic, Cardio III (large side) - grey
- 51452 36554
  For Master Cardiology - black
- 51450 36555
  For Master Cardiology - grey
- 51463 51183
  For S.T.C. Cardiology - black

**DIAPHRAGM OR RETAINING RINGS**

- 51450 36550
  Retaining ring for Pediatric Classic II - black - box of 5
- 51451 36551
  Retaining ring for Pediatric Classic II - grey - box of 5
- 51454 MEMB/3200
  Diaphragm for Electronic 3200 - black
- 51454 MEMB/3210
  Diaphragm for Electronic 3100 - dark grey
- 51478 7880303222
  Diaphragm for Electronic 3000 - dark grey
- 51452 36560
  Diaphragm for Pediatric Classic II - box of 10

**NEOPRENE RINGS**

- 32476 36547
  Neoprene black ring - infant - box of 5
- 32455 36569
  Neoprene grey ring - infant - box of 5
- 51455 36546
  Neoprene black ring - pediatric - box of 5
- 32456 36568
  Neoprene grey ring - pediatric - box of 5
- 32459 36544
  Neoprene black ring - Classic II, Lightweight - box of 10
- 51456 36545
  Neoprene grey ring - Classic II - box of 10

**EARTIPS for all models - box of 10 pairs**

- 32451 37812
  Ear Tips - grey - soft - large
- 32465 37809
  Ear Tips - black - soft - small
- 32466 37811
  Ear Tips - black - soft - large
- 32467 38742
  Ear Tips - grey - rigid - small
- 32468 37808
  Ear Tips - grey - rigid - large
- 51490 40001
  Ear Tips - black - small and large
- 51491 40002
  Ear Tips - grey - small and large
- 32460 BLCIP/N
  Binaural Classic II SE, ped., inf., Select - black
- 32461 BLCIP/R
  Binaural Cardiology III and Master Cardiology - black
- 32462 BMAC/N
  Binaural Master Classic, Classic III - black
- 32469 2170
  Name tag - black
- 51494 40007
  Name tag - black
- 51495 40008
  Name tag - grey

**2 TUNABLE DIAPHRAGMS AND RIM ASSEMBLY + NON CHILL BELL SLEEVES + EARTIPS**

- 51460 40003
  For Cardiology III™ - black - blister
- 51461 40004
  For Classic III™ - grey - blister

**TUNABLE DIAPHRAGM AND RIM ASSEMBLY + NON CHILL BELL SLEEVES + EARTIPS**

- 51464 40005
  For Classic II S.E. - black - blister
- 51465 40006
  For Classic II S.E. - grey - blister
- 51466 40020
  For Lightweight - black - blister

**TUNABLE DIAPHRAGM + RIM ASSEMBLY + EARTIPS**

- 51470 40011
  For Master Cardiology - black - blister
- 51471 40018
  For Cardiology III grey - blister
- 51472 40019
  For Cardiology S.T.C. - black - blister
- 51473 40022
  For Master Classic™ - black - blister

**TUNABLE DIAPHRAGM + 2 RIMS ASSEMBLY**

- 51477 40012
  For Classic II™ - Paediatric - black - blister
- 51478 40013
  For Classic II™ - Infant - black - blister

**2 TUNABLE DIAPHRAGMS + RIM ASSEMBLY + EARTIPS**

- 51482 40016
  For Classic III™ - black - blister
- 51483 40017
  For Classic III™ - grey - blister
**YTON ANEROID SPHYGMOMANOMETERS**

Economic sphygmomanometers with nylon cuff with velcro closure, reliable manometer with clip to be fixed on the cuff.

- Scale 0-300 mmHg. Air release at closed tap max 4 mmHg/minute.
- Manual setting of deflation possible up to 2/3 mmHg/sec.
- From 260 mmHg to 15 mmHg max deflation time 10 sec.
- Scale graduated every 2 mmHg.

- Floating zero (the pointer has no stop point but swings freely), nylon velcro cuff, latex bulb with chromium plated valve.
- Chromium-plated air tap with air release regulation by screw valve.
- Supplied with a simulated-leather soft pouch with zip in a carton box.

Available in 5 versions: standard, with one piece cuff, latex free, with incorporated stethoscopes or kit (sphygmomanometer+stethoscope). Multilanguage box and manual: GB, FR, IT, ES, PT, DE, GR, Arabic.

<table>
<thead>
<tr>
<th>GIMA code</th>
<th>YTON SPHYGMOMANOMETERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>32720</td>
<td>YTON - black cuff</td>
</tr>
<tr>
<td>32692</td>
<td>YTON - one piece cuff</td>
</tr>
<tr>
<td>32704</td>
<td>YTON latex-free - blue cuff</td>
</tr>
<tr>
<td>32703</td>
<td>YTON - with incorporated - stethoscope - black cuff</td>
</tr>
<tr>
<td>32693</td>
<td>YTON KIT - sphygmomanometer + stethoscope</td>
</tr>
<tr>
<td>32701</td>
<td>YTON MANOMETER - spare</td>
</tr>
</tbody>
</table>

**YTON DIGITAL SPHYGMO**

- **32722 YTON DIGITAL SPHYGMO**
  - Semi-automatic digital sphygmomanometer with manual inflation and automatic deflation through manual valve.
  - Light: only 50 g, one third of a normal blood pressure monitor.
  - A large 9 digits LCD display shows systolic/diastolic/pulse rate simultaneously, and store 90 memories.
  - Range: 40-260 mmHg
  - Pulse: 40-160 minute
  - Power supply: 1 x AAA battery
  - Multilanguage box: GB, FR, IT, ES, PT, DE, GR, Arabic.
  - Manual: GB, IT
### SPHYGMOMANOMETERS WITH GAUGE ON THE CUFF

**32724 BERLIN SPHYGMO - velcro cuff**
- High quality sphygmomanometer with gauge mounted on cuff:
  - High reliable manometer with extra large dial Ø 65 mm
  - Top quality and resistant linen cuff with simulated leather support and velcro closure
  - Extra large PVC bulb, 9x5 cm
- Made in Italy - German manometer

**32723 NEW EXACTOPHON SPHYGMO - pull-on strap cuff**
- GIMA quality and reliability in a stylish and long-life sphygmomanometer.
- EXACTOPHON has a reliable manometer fixed on a simulated leather support, on a highly resistant linen pull-on straps cuff.
- Supplied in a nice carrying case and box.
- Made in Italy: GIMA.
- **32805 EXACTOPHON BLADDER - spare**
- **32806 EXACTOPHON CUFF - spare**

**32719 GIMATONO - latex free**
- Economic sphygmo with chrome-plated manometer fixed on the cuff, provided with a rubber protective ring.
- Nylon cuff with simulated-leather support. Two tubes adult size latex free TPU bladder, with standard latex free PVC bulb.
- Supplied in nylon bag and cardboard box.
- Made in P.R.C.

### SHOCK RESISTANT SPHYGMO

**32702 SHOCK RESISTANT SPHYGMO - nylon-cuff**
- High quality, shock resistant sphygmomanometer matching the ISO 81060 standard.
- **One piece design with damped system manometer**
- Creative design with a new structure that fixes all parts together closely to make it more steadier.
- The damped system absorbs impacts.
- **Other features**
  - Large dial Ø 55 mm easy to read
  - High precision air-release valve, provides precise rate adjustment and quick deflation
  - Adult nylon cuff with latex-free bladder
  - Soft bulb for fast inflation.
- Multilanguage box and manual: GB, FR, IT, ES, PT, DE.

**32714 MINOR 2 SPHYGMO - 2 TUBES**
- **2 tubes - black nylon velcro cuff**
- **32713 MINOR 2 SPHYGMO - 2 tubes - green cotton hook cuff**
- High quality sphygmomanometer with traditional design and modern features.
  - High precision manometer, adjustable by turning a screwdriver, for perfect calibration any time
  - 2 tubes system for quick inflation
  - Available with washable coated fabric velcro cuff or cotton hook cuff
SIRIO SPHYGMO AND 3 MULTICUFF KIT WITH BAG

- 32729 SIRIO SPHYGMO - adult grey/green cuff
  Classic sphygmomanometer with fabric cuff with velcro closure (green/grey colour). Reliable large dial manometer for easy readings, fixed on bulb. Scale 0-300 mmHg, graduated every 2 mmHg. Supplied in carrying case and box, with 4 languages user manual (English, Spanish, French, Italian).

- 32705 SIRIO PEDIATRIC KIT - sphygmo with 3 pediatric cuffs
  SIRIO with 3 pediatric cuffs: minicuff (32812) 4 months - 3 years, minicuff (32813) 3-7 years, minicuff (32814) 7-10 years in a nylon bag.
  - 27177 SIRIO MULTICUFF PEDIATRIC BAG - empty

- 32706 SIRIO KIT 3 - sphygmo with 3 one piece cuffs
  SIRIO with 3 one piece cuffs: child (32910), adult (32911) and adult large (32912) in a nylon bag.
  - 27178 SIRIO MULTICUFF BAG 3 - empty

- 32707 SIRIO KIT 5 - sphygmo with 5 cuffs
  SIRIO with 5 cuffs: infant cuff (32886), child cuff (32888), adult cuff (32830), adult large cuff (32834) thigh cuff (32837) in a nylon bag.
  - 27179 SIRIO MULTICUFF BAG 5 - empty

LONDON: PROFESSIONAL SPHYGMO

- 32725 LONDON SPHYGMO - adult - black cuff
  Professional, stylish, reliable and lightweight sphygmomanometer with ABS manometer, integral PVC bulb, high quality precision mechanism, velcro closure calibrated nylon cuff and one tube TPU bladder. Dial Ø 55 mm, with specially designed eye-catching colour printing and easy to read. Special outer ring protects the manometer from shocks and the glass from scratches. Supplied in a nice colour co-ordinated carrying bag and box.
  With multilingual box and user manual: GB, FR, IT, ES, DE, PT, GR.
  Latex free.

- 32726 LONDON SPHYGMO - adult - red cuff

- 0476 Calibrated nylon cuff
**TOKYO AUTOMATIC**

- **32735 TOKYO SPHYGMO - adult - black cuff**
  Professional sphygmomanometer with large Ø 65 mm dial and button type air release valve. ABS light plastic case, and extra shock-proof ring for long durability. 360° rotary handle. Supplied with black nylon calibrated cuff with D-ring, black 1-tube PVC, latex free bladder and black, latex free PVC bulb in a nylon carrying bag and cardboard box. Multilanguage box and manual: GB, FR, IT, ES, DE, PT, GR, Arab.

**32771 EMERGENCY SPHYGMO KIT - 5 cuffs**
Palm type sphygmomanometer with orange silicone shockproof ring and orange cup of air-release valve. PVC tube and 1 tube TPU bladder. Supplied in a plastic carrying case with 5 cuffs: XS infant (13-19 cm), S child (18.4-26.7 cm), M adult (25.4-40.6 cm), L adult large (33.3-51 cm), XL thigh (40.6-66 cm).

**ROMA SPHYGMOMANOMETERS - 4 DIFFERENT MODELS**

- **32709 ROMA SPHYGMO - adult - 1 tube**
  Classic, lightweight, reliable palm model aneroid sphygmo with certified manometer ABS housing, integral PVC bulb and air release valve for one-hand use, provided with handle, blue nylon, velcro closure, calibrated cuff and 1 tube TPU bladder. Easy to read: large dial Ø 60 mm, with rubber protective ring. Supplied in a nice nylon carrying bag with external velcro pocket and cardboard box. Latex free.
- **32734 ROMA SPHYGMO - adult - 2 tubes**
- **32709 ROMA SPHYGMO - pediatry - 1 tube**
  Same as 32727 but with pediatric cuff 35x11 cm.
- **32728 ROMA SPHYGMO - adult - fluorescent - 1 tube**
  Same as 32727 but with special fluorescent dial plate to allow easy reading even in dark places. Suitable for emergency.
- **32738 ROMA SPHYGMO - adult - fluorescent - 2 tubes**
  Same as 32727 but with special fluorescent dial plate to allow easy reading even in dark places. Suitable for emergency.

- **32735 TOKYO SPHYGMO - adult - black cuff**
  Professional sphygmomanometer with large Ø 65 mm dial and button type air release valve. ABS light plastic case, and extra shock-proof ring for long durability. 360° rotary handle. Supplied with black nylon calibrated cuff with D-ring, black 1-tube PVC, latex free bladder and black, latex free PVC bulb in a nylon carrying bag and cardboard box. Multilanguage box and manual: GB, FR, IT, ES, DE, PT, GR, Arab.

**ROMA MULTICUFFS KIT**

- **32738 ROMA KIT - Sphygmo with 3 cuffs**
  Same as code 32727 but supplied with 3 cuffs: one pediatric (35x11 cm), one adult (49x15 cm) and one adult large (62x17.5 cm). Latex free.

**EMERGENCY MULTICUFF KIT**

- **32771 EMERGENCY SPHYGMO KIT - 5 cuffs**
  Palm type sphygmomanometer with orange silicone shockproof ring and orange cup of air-release valve. PVC tube and 1 tube TPU bladder. Supplied in a plastic carrying case with 5 cuffs: XS infant (13-19 cm), S child (18.4-26.7 cm), M adult (25.4-40.6 cm), L adult large (33.3-51 cm), XL thigh (40.6-66 cm).
CUFFS ASSORTMENT FROM NEWBORN TO OBESE

<table>
<thead>
<tr>
<th>MINI CUFFS grey/green - nylon</th>
<th>1 tube</th>
<th>2 tubes</th>
<th>Model</th>
<th>Size cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>32810</td>
<td>32820</td>
<td></td>
<td>Premature</td>
<td>16xh 5</td>
</tr>
<tr>
<td>32811</td>
<td>32821</td>
<td></td>
<td>Up to 3 months</td>
<td>23xh 5</td>
</tr>
<tr>
<td>32812</td>
<td>32822</td>
<td></td>
<td>4 months to 3 years</td>
<td>29xh 7</td>
</tr>
<tr>
<td>32813</td>
<td>32823</td>
<td></td>
<td>3-7 years</td>
<td>33xh 9</td>
</tr>
<tr>
<td>32814</td>
<td>32824</td>
<td></td>
<td>7-10 years</td>
<td>40xh 11</td>
</tr>
<tr>
<td>32816</td>
<td>32826</td>
<td>32810-14, 32820-24</td>
<td>Set 5 pieces</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CALIBRATED CUFFS - latex free - nylon</th>
<th>1 tube</th>
<th>2 tubes</th>
<th>Model</th>
<th>Size cm</th>
<th>Colour</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>32839</td>
<td></td>
<td>Pediatric</td>
<td>35x11</td>
<td></td>
</tr>
<tr>
<td></td>
<td>32840</td>
<td></td>
<td>Pediatric</td>
<td>35x11</td>
<td></td>
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<tr>
<td></td>
<td>32841</td>
<td></td>
<td>Adult</td>
<td>49x15</td>
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<tr>
<td></td>
<td>32842</td>
<td></td>
<td>Adult</td>
<td>49x15</td>
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</tr>
<tr>
<td></td>
<td>32843</td>
<td></td>
<td>Adult</td>
<td>49x15</td>
<td></td>
</tr>
<tr>
<td></td>
<td>32844</td>
<td></td>
<td>Adult large</td>
<td>62x17.5</td>
<td></td>
</tr>
<tr>
<td></td>
<td>32845</td>
<td></td>
<td>Adult large</td>
<td>62x17.5</td>
<td></td>
</tr>
</tbody>
</table>

Bladderless nylon cuffs:
- reusable above 10,000 times
- washable up to 90°C
- disinfected with alcohol/ethanol
- ideal to prevent cross-contaminations
- soft surface for a pleasurable feeling on the skin
- tested according to GO 105 E01

<table>
<thead>
<tr>
<th>BLADDERLESS ONE PIECE CUFF - latex free</th>
<th>1 tube</th>
<th>2 tubes</th>
<th>Model</th>
<th>Size cm</th>
<th>Arm circumference</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>32910</td>
<td>32913</td>
<td>children</td>
<td>10x34 cm</td>
<td>19 to 27 cm</td>
</tr>
<tr>
<td></td>
<td>32911</td>
<td>32914</td>
<td>adult</td>
<td>14.5x54 cm</td>
<td>26 to 41 cm</td>
</tr>
<tr>
<td></td>
<td>32912</td>
<td>32915</td>
<td>adult large</td>
<td>16x63 cm</td>
<td>34.3 to 51 cm</td>
</tr>
</tbody>
</table>

SPHYGMOMANOMETERS SPARE PARTS AND ACCESSORIES

<table>
<thead>
<tr>
<th>GIMA code</th>
<th>CUFFS grey/black - nylon - TPU bladder - velcro fastening</th>
<th>1 tube</th>
<th>2 tubes</th>
<th>Model</th>
<th>Arm circumference</th>
<th>Size cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>32886</td>
<td>Infant</td>
<td>32887</td>
<td></td>
<td>13 to 19 cm</td>
<td>7.5x26</td>
<td></td>
</tr>
<tr>
<td>32888</td>
<td>Child</td>
<td>18.4 to 26 cm</td>
<td>11x34</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>32830</td>
<td>Adult</td>
<td>25 to 40 cm</td>
<td>52x15</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>32834</td>
<td>Adult large</td>
<td>35 to 50 cm</td>
<td>61x17.5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>32837</td>
<td>Thigh</td>
<td>41 to 66 cm</td>
<td>82x21</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

One tube cuff for Ranger, Sirio, London, Boston, Roma 1T, Tokyo, Ri-san, Precia, Minimus.
Two tubes cuff for Minor, Diplomat, Yton line, Roma 2T, Dallas, Big Ben, Empire.

<table>
<thead>
<tr>
<th>GIMA code</th>
<th>CALIBRATED CUFFS - latex free - nylon</th>
<th>1 tube</th>
<th>2 tubes</th>
<th>Model</th>
<th>Size cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>32804</td>
<td>Yota PVC bulb - black - latex free</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>32851</td>
<td>Yota PVC bulb - green</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>32855</td>
<td>Yota latex bulb - black</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>32860</td>
<td>Superior PVC bulb - green - latex free*</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>32859</td>
<td>Superior PVC bulb - black*</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>32852</td>
<td>Yota chrome-plated air release valve</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>32853</td>
<td>Yota inflation system</td>
<td></td>
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<td></td>
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</tr>
<tr>
<td>32862</td>
<td>Superior inflation system - latex free*</td>
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<td></td>
</tr>
<tr>
<td>32863</td>
<td>Deluxe inflation system</td>
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</table>

<table>
<thead>
<tr>
<th>GIMA code</th>
<th>SPHYGMOMANOMETERS SPARE PARTS</th>
<th>Minimum order</th>
</tr>
</thead>
<tbody>
<tr>
<td>32865</td>
<td>Coiled tubing - black (42-45 spirals) - 48 cm</td>
<td>10 pcs.</td>
</tr>
<tr>
<td>32808</td>
<td>Nylon velcro cuff (no bladder) 54 x15 cm</td>
<td>10 pcs.</td>
</tr>
<tr>
<td>32874</td>
<td>1 tube Bladder</td>
<td>10 pcs.</td>
</tr>
<tr>
<td>32875</td>
<td>2 tubes Bladder</td>
<td>10 pcs.</td>
</tr>
<tr>
<td>32876</td>
<td>1 tube + 1 hole Gimatono Bladder</td>
<td>10 pcs.</td>
</tr>
<tr>
<td>32880</td>
<td>Vertical glass tube</td>
<td>10 pcs.</td>
</tr>
<tr>
<td>32870</td>
<td>Male-Female metal connector</td>
<td>box 10</td>
</tr>
<tr>
<td>32871</td>
<td>Screw Type metal connector</td>
<td>box 10</td>
</tr>
<tr>
<td>32872</td>
<td>Bayonet Type metal connector</td>
<td>box 10</td>
</tr>
<tr>
<td>32873</td>
<td>Plastic connector</td>
<td>box 100</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>GIMA code</th>
<th>SPHYGMOMANOMETERS SPARE PARTS</th>
<th>Minimum order</th>
</tr>
</thead>
<tbody>
<tr>
<td>32854</td>
<td>Yota PVC bulb - black</td>
<td>10 pcs.</td>
</tr>
<tr>
<td>32851</td>
<td>Yota PVC bulb - green</td>
<td>10 pcs.</td>
</tr>
<tr>
<td>32855</td>
<td>Yota latex bulb - black</td>
<td>10 pcs.</td>
</tr>
<tr>
<td>32860</td>
<td>Superior PVC bulb - green</td>
<td>10 pcs.</td>
</tr>
<tr>
<td>32859</td>
<td>Superior PVC bulb - black</td>
<td>10 pcs.</td>
</tr>
<tr>
<td>32852</td>
<td>Yota chrome-plated air release valve</td>
<td>10 pcs.</td>
</tr>
<tr>
<td>32861</td>
<td>Superior chrome plated air valve</td>
<td>10 pcs.</td>
</tr>
<tr>
<td>32853</td>
<td>Yota inflation system</td>
<td>10 pcs.</td>
</tr>
<tr>
<td>32862</td>
<td>Superior inflation system - latex free*</td>
<td>10 pcs.</td>
</tr>
<tr>
<td>32863</td>
<td>Deluxe inflation system</td>
<td>10 pcs.</td>
</tr>
</tbody>
</table>

*R Made in Germany
**Diagnostics**

**ERKA Original Green Superb Cuffs - Latex, PVC, DEHP Free**

- **32879**
  - Infants: Size 40x11.6 cm - Circumference 20.5-28 cm
  - Made in durable patented German PU material, perfect for cleaning and disinfection.

**ERKA Twin Tube Cuffs - Green**

- **32877**
  - Child: Size 40x11.6 cm - Circumference 20.5-28 cm
  - **32878**
  - Adult: Size 47x14.3 cm - Circumference 27-35 cm
  - **32879**
  - Adult large: Size 56x17.5 cm - Circumference 34-43 cm

**Presssan® Hygienic Protection of Sphygmomanometer**

- **32858**
  - A practical hygienic accessory for the sphygmomanometer to protect patient's skin whilst measuring the blood pressure.
  - Made of a white non-woven fabric.
  - Ensures patient's comfort and hygiene.

**Riester Original Cuffs - Latex Free**

<table>
<thead>
<tr>
<th>GIMA code</th>
<th>RIESTER code</th>
<th>RIESTER CUFFS 1 TUBE</th>
<th>Colour</th>
<th>Size cm</th>
<th>Circumference cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>49801</td>
<td>M-000-09-702</td>
<td>Child velcro cuff</td>
<td>grey</td>
<td>10x34</td>
<td>13-20</td>
</tr>
<tr>
<td>49802</td>
<td>M-000-09-704</td>
<td>Adult small - 3</td>
<td>grey</td>
<td>14x53</td>
<td>20-29</td>
</tr>
<tr>
<td>49803</td>
<td>M-000-09-619</td>
<td>Adult - 4</td>
<td>grey</td>
<td>17x70</td>
<td>29-41</td>
</tr>
<tr>
<td>49804</td>
<td>M-000-09-706</td>
<td>Adult large - 5</td>
<td>grey</td>
<td>17x70</td>
<td>35-47</td>
</tr>
</tbody>
</table>

**Heine Original Cuffs - Latex Free**

<table>
<thead>
<tr>
<th>GIMA code</th>
<th>HEINE code</th>
<th>HEINE CUFFS 1 TUBE</th>
<th>Colour</th>
<th>Size cm</th>
<th>Circumference cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>49801</td>
<td>M-000-09-702</td>
<td>Child - 2</td>
<td>grey</td>
<td>10x34</td>
<td>13-20</td>
</tr>
<tr>
<td>49802</td>
<td>M-000-09-704</td>
<td>Adult small - 3</td>
<td>grey</td>
<td>14x53</td>
<td>20-29</td>
</tr>
<tr>
<td>49803</td>
<td>M-000-09-619</td>
<td>Adult - 4</td>
<td>grey</td>
<td>17x70</td>
<td>29-41</td>
</tr>
<tr>
<td>49804</td>
<td>M-000-09-706</td>
<td>Adult large - 5</td>
<td>grey</td>
<td>17x70</td>
<td>35-47</td>
</tr>
</tbody>
</table>

**Babyphon® Riester Pediatric Sphygmo**

- **32710**
  - Palm pediatric sphygmomanometer with 3 cuffs
  - Fast inflation of the cuff due to ergonomic spoon-shaped stainless steel handle.
  - Easy reading metal manometer with aluminium scale Ø 49 mm
  - Lifelong precision due to almost non-aging precision movement with specially tempered copper-beryllium diaphragm for pressure-loading capacity up to 600 mmHg.
  - Linear scale up to 300 mmHg, ±3 mmHg
  - Bear imprint on the cuffs.
  - Supplied with 3 pediatric cuffs (child, infant and new-born in a padded nylon zipper case).

Newborn: size 15.5x5 cm - Circumference 5-8 cm
Infant: size 23x7.5 cm - Circumference 8-13 cm
Baby: size 35.5x10 cm - Circumference 13-17 cm
**RIESTER ANEROID SPHYGMO - MADE IN GERMANY**

***32686 SANAPHON SPHYGMO with integrated stethoscope***
A classic palm-style sphygmomanometer for precise self-measurement including stethoscope. Sanaphon® guarantees exact measurement values even for patients with heart rhythm disturbances.
- maximum error tolerance ±3 mmHg
- supplied in zipper bag

***32687 E-MEGA SPHYGMO***
With disinfectable latex free one-piece cuff.
- fast inflation of the cuff due to new ergonomic spoon design
- lifelong precision due to almost non-ageing precision movement, with specially tempered copper-beryllium diaphragm for pressure-loading capacity up to 600 mmHg
- comfort - air release valve, wearfree, with fine adjustment

***32711 MINIMUS® II SPHYGMO***
MINIMUS® is a reliable, durable and elegant palm model aneroid chrome-plated manometer with integral latex-free bulb and air release valve for one hand use, provided with a stainless steel handle, Luer Lock connection, calibrated black nylon velcro closure cuff and 1 tube bladder. Supplied in a nice synthetic leather bag.

***32716 R1 SHOCK PROOF SPHYGMO***
Exact precision that lasts a lifetime. Made in Germany, 5 years warranty on calibration.
- shock-proof up to a falling height of 120 cm
- scale: Ø 52 mm black with red fluorescent pointer
- valve base and air duct with metal precision valve
- two-component ABS casing
- metal threaded tube connection at the top of the casing for fast cuff exchange and ergonomical operation.
- maximum error tolerance of ±3 mmHg
- weight: 173 g
- supplied in zipper bag
- latex free

***32717 PRECISA® N SPHYGMO***
A typical Riester quality product.
- calibrated nylon cuff with velcro.
- latex-free bulb, and metal valve base
- ergonomic grip of stainless steel
- microfilter protects air release valve and measuring system
- specially tempered copper-beryllium diaphragm, with precision movement and almost non-ageing
- diaphragm pressure-loading capacity up to 600 mmHg
- scale, from 0 to 300 mmHg, ±3 mmHg
Supplied with synthetic leather bag.
KOBOld Sphygmomanometer by ERKA

- 32691 Black Kobold with gray cuff - 223.20493
- 32695 Grey Kobold Set with 3 ped. "Superb" cuffs - 227.71.393
- 32696 Grey Kobold Set with 6 "Superb" cuffs - 227.71.195

Elegant and compact, single tube sphygmomanometer for frequent use in clinic and consulting room. Precision manometer, anodised aluminium Ø 48 mm. Sensitive adjustable air reduction valve, high quality chrome finish. Scale: 300 mmHg, 2 mm scale division. New technology with air intake via the manometer capsule in the specially tempered copper-beryllium membrane. Codes 32693, 32695, 32696 are latex free. Made in Germany.

ERKA “SUPERB” GREEN CUFFS
All ERKA Green cuff products are PVC, delp and latex-free, every one is individually tested prior to delivery and guaranteed for 50,000 inflation cycles. They are equipped with clearly marked size and positioning features for the most accurate possible measurements. The soft, easy to disinfect, biocompatible materials ensure maximum patient comfort. Conform to ANSI/AAMI SP10 standard
- 32891 Pediatric “Superb” Cuff 1 Tube 20.5 - 28 cm - grey
- 32892 Adult “Superb” Cuff 1 Tube 27-35 cm - grey - spare

Perfect Aneroid

- 32688 ERKA Perfect - 201.204.82
  dial Ø 48 mm - 2 tubes green
  Sphygmomanometer with screw valve for sensitive adjustments, velcro cuff and case.
  - manometer housing brass chromed plated
  - membrane-protection 2-tube technology
  - measuring range 0-300 mmHg ±1%
  Made in Germany. 3 year warranty.
- 32877 Pediatric “Superb” Cuff Twin TUBE 20.5 - 28 cm - grey
- 32878 Adult “Superb” Cuff Twin TUBE 27-35 cm - grey - spare

ERKA Switch

- 32698 ERKA Switch 2.0 Confort -
  dial Ø 56 mm - 1 tube grey - 293.204.93
  It offers outstanding ergonomics and simple adaptation for left and right-hand users. It is manufactured from shock-resistant polycarbonate and has passed the shock test according to AAMI SP9. The sight glass is chemically stable and unbreakable. The brass valve screw works smoothly and is adjustable to exact settings. MR compatibility.
  - measuring range 0-300 mmHg ±1%
  Supplied with pouch. Made in Germany. 4 year warranty hand held, 2 year manometer.
- 32891 Pediatric “Superb” Cuff 1 Tube 20.5 - 28 cm - grey
- 32892 Adult “Superb” Cuff 1 Tube 27-35 cm - grey - spare

ERKA Switch Simplex

- 32697 ERKA Switch Simplex -
  dial Ø 56 mm - twin tubes grey - 294.408.94
  It is manufactured from shock-resistant polycarbonate and has passed the shock test according to AAMI SP9. The sight glass is chemically stable and unbreakable.
  The brass valve screw works smoothly and is adjustable to exact settings.
  - measuring range 0-300 mmHg ±1%
  Made in Germany. 2 year warranty.
**DIAGNOSTICS**

**BOSTON SPHYGMO**

- **32731 BOSTON SPHYGMO - adult - black cuff**
  Strong durable and elegant palm model aneroid metal zinc-alloy manometer with integral PVC bulb and air release valve for one hand use, provided with a special left and right hand adjustable handle, nylon velcro closure calibrated cuff and 1 tube TPU bladder. Easy to read: large dial Ø 60 mm. Unique push button air release valve offers precise mini-deflation. Special PVC patented rubber bulb. Latex free. Supplied with a nice nylon carrying bag. Multilanguage box and manual: GB, FR, IT, ES, PT, DE, GR, Arab.

**G5® AND G7® HEINE SPHYGMO**

- **32737 GAMMA “G5®” HEINE SPHYGMO - plastic manometer - M-000.09.230**
- **32741 GAMMA “G5®” HEINE SPHYGMO - plastic manometer**
  Same as 32737, but supplied without carrying bag.
- **32739 GAMMA “G7®” HEINE SPHYGMO - aluminium manometer - M-000.09.232**
  With the new latex free G5® and G7® Heine, GIMA offers an aneroid sphygmomanometer of the highest quality of design and function with unequalled value for money. A modern, functional design combined with exceptional precision of measurement and durability make Heine G5® and G7® ideal for long-term use in clinic and practice environments.
- latex-free
- exceptionally-strong housing construction with triple-mounted, shockproof movement.
- impact-resistant housing crafted in special, shock-absorbing materials incorporate the latest advances in injection-moulding technology.
- a microfilter protects the valve and movement.
- oversized inflator speeds up cuff inflation.

Made in Germany. 5 years warranty (G5), 10 years warranty (G7).

**WELCH ALLYN® DURA SHOCK™ DS55 SPHYGMOMANOMETER**

- **32700 DURA SHOCK DS55 SILVER LINE - DS-5501-189**
  Welch Allyn's DS55 sphygmomanometer incorporating shock-resistant DuraShock technology offers practical benefits compared to traditional aneroid sphygmomanometers. This is especially beneficial in busy medical environments where equipment needs to be as robust as possible. With DuraShock Technology, Welch Allyn B.P. gauges:
  - remain in calibration longer than traditional aneroid B.P. gauges, providing you with more accurate readings.
  - do not need to be replaced as often as traditional aneroid B.P. gauges, giving you a lower lifetime cost.
  - have the only gauge capable of passing AAMI's shock-resistant specification of surviving a 76 cm drop onto a hard surface and remaining in calibration.

**How DuraShock technology works**

In traditional aneroid sphygmomanometer design, several delicate gears and springs convert and amplify vertical movement of the pinion to rotational movement to turn the pointer. The DuraShock gear-free design uses a single helix spring to directly convert the vertical movement of the pinion to rotation of the pointer without the use of a multi-step gear arrangement. By creating a gear-free design, the Welch Allyn Durashock has fewer moving parts providing a gauge which is shock resistant and lighter than traditional gauges. Until now, a dropped sphygmomanometer required recalibration or replacement. The DuraShock can fall 76 cm onto a hard surface and still remain accurate. It is the only gauge capable of meeting the AAMI Shock Resistant specification.

247
**LCD DISPLAY, MERCURY-FREE SPHYGOMANOMETERS**

**MERCURY FREE SPHYGOMANOMETERS**

A new technology of LCD display mercury-free sphygmomanometers alternative to the mercury column.

- Precise results and support to global environment saving pollution.
- Manual inflation and air release.
- Two measuring methods: button AUSC (Auscultation), for use with a stethoscope, button OSC (Oscillometric), to get the result automatically, without need of a stethoscope, just inflate the cuff not less than 180 mmHg.
- Suitable for pediatric use with auscultation method only (need 32825).
- Supplied with adult cuff

**TECHNICAL SPECIFICATIONS (32800, 32801)**

- Size: 360x96x66 mm (32800)
- Power supply: battery
- Measuring range: 20-280 mmHg
- Accuracy: pressure: ±3 mmHg

**AND PROFESSIONAL MERCURY FREE SPHYGOMANOMETERS**

Professional highly advanced digital blood pressure monitor alternative to the mercury column

- auscultatory blood pressure measurement
- digital readout for pulse rate
- cuff holder and grip for carrying
- durable and chemical resistant body
- full ABS housing lightweight body
- adjustable display column for easier analysis of results
- anti-glare display minimizes reflected light

**MERCURIAL SPHYGOMANOMETERS: DESK, WALL, TROLLEY**

**32758 UM-101 MERCURY FREE SPHYGOMANOMETER - desk**

**32775 UM-102A MERCURY FREE SPHYGOMANOMETER - desk**

**32776 UM-102B MERCURY FREE SPHYGOMANOMETER - trolley**

**TECHNICAL SPECIFICATIONS**

- Size: 360x96x66 mm (32775)
- Measuring range - pressure: 0-300 mmHg ±3 mmHg
- Pulse: 40-180 beats/minute ±5% (32775-6)
- 30-200 beats/minute ±5% (32758)
- Power supply: 2x1.5V AA alkaline batteries

**GREEN AND ENVIRONMENTAL PROTECTION**

- LCD DISPLAY, MERCURY-FREE SPHYGOMANOMETERS
- MERCURY FREE SPHYGOMANOMETERS
- AND PROFESSIONAL MERCURY FREE SPHYGOMANOMETERS

**SUPPLIED WITH ADULT CUFF 22-32 cm**

**32762 EMPIRE - anaesthetic model (rail)**

- Rail and clamp not included.
- 32766 RAIL clamp (for code 32762)
- 32763 EMPIRE - wall

Attractive mercury sphygmomanometers. Housing made of resistant engineering plastic, including a basket. Precision glass tube with inner diameter of 4.2 mm ±0.2 mm. Face plate with easy-to-read graduated scale. Maximum reading 300 mmHg ±3 mmHg. Mercury lock. Basket for convenient accessory storage. Coiled tubing extendible to 3 m. With latex free bulb and chromed-plated air release valve.

- Made in Germany
- 32883 GLASS TUBE - spare for EMPIRE

**32759 YTON MERCURIAL SPHYGMO - pediatric**

Desk mercurial sphygmomanometer in aluminium painted case with self locking, with adult nylon cuff with velcro and metal D-ring. Range 0-300 mmHg. PVC latex free.

- 32760 YTON MERCURIAL SPHYGMO - wall
- 32769 YTON MERCURIAL SPHYGMO - trolley - made in China

Mercury sphygmomanometers with velcro cuff (2 tubes) and storage compartment. 0-300 mmHg. PVC latex free.

- 32764 KENZ MERCURIAL SPHYGMO - trolley

Same as 32769, made in Japan.

**NOT FOR SALE IN EUROPEAN COMMUNITY**
ERKA VARIO DESK WALL AND MOBILE - MADE IN GERMANY

- 32671 VARIO - desk - adult cuff - 285.20.481
- 32672 VARIO - wall - adult cuff - 288.20.481+295.00.003
- 32673 VARIO - trolley Ø 50 cm - adult cuff+288.20.481+995.00.003

Superior quality product, made in Germany, for use in consulting rooms or hospital. The Vario model consists of a high precision manometer in a high quality ABS housing with an integrated fastening spigot for individual variable swivelling, a big cuff basket in white powder coated sheet steel, a bulb holder and spiral tubing with bulb and air release valve. This high quality chromium-plated valve makes sensitive adjustments easy. The 150 mm scale is equipped with a mirrored exterior ring and non-reflective manometer glass.

- 32898 PEDIATRIC “SUPERB” CUFF 2 TUBES - 20.5-28 cm (arm circumference)
- 32899 ADULT “SUPERB” CUFF 2 TUBES - 27-35 cm (arm circumference) - spare
- 32900 LARGE “SUPERB” CUFF 2 TUBES - 34-43 cm (arm circumference)

RIESTER BIG BEN® - MADE IN GERMANY

- 32742 RIESTER BIG BEN® - rail (clamp code 32766 and rail not included)
- 32743 RIESTER BIG BEN® - wall
  Rotation 130°, 65° right, 65° left
- 32746 RIESTER BIG BEN® - trolley Ø 54 cm

Aneroid sphygmomanometer, made of resistant plastic, with large dial (147 mm) and white pointer on black dial plate for easy-to-read measurements from 0 mmHg to 300 mmHg. Basket on back for cuff storage after use. Velcro-closure black cuff 2 tubes, and long coil tubing. Latex free. Quality product: made in Germany.

- 32766 RAIL CLAMP
  Universal clamp (for code 32742) for any rail.

OMRON PROFESSIONAL B.P. MONITOR

- 32936 OMRON DIGITAL AUTOMA-TIC B.P. MONITOR HEM-907

Professional B.P. monitor designed for clinical use in professional settings.
- gold standard accuracy
- validated according to international protocols:
  1- Association for the Advancement of Medical Instrumentation (AAMI)
  2- European Society of Hypertension - International Protocol (ESH - IP)
- intellisense technology
- irregular pulse indicator
- 3 modes of operation: single mode, average mode, auscultation (manual mode).

Supplied with battery pack, adult cuff (22-32 cm), AC adapter.
Made in Japan.
- 32937 ADULT LARGE CUFF 32-42 cm
- 32939 TROLLEY FOR OMRON HEM-907

Method: Oscillometric
Measurement range: pressure: 0-299 mmHg ± 3 mmHg or 2% pulse rate: 30-199 beats/min ± 5% of reading
Inflation: automatic inflation with pumping
Deflation: automatic deflation by electromagnetic control valve
Air release: automatic rapid air release by electromagnetic control valve
Pressure detection: electrostatic capacity semi-conductor pressure sensor
Power supply: AC adapter (230 VAC, 50 Hz, 20 VA)
Battery pack (4.8 VDC, 6W)
Electric shock protection method: Class II B type
Dimension: 139x203x131 mm (5.1/2”x8”x5.1/6”)
Weight: approx. 910 g
Complies with: EN 1060, EN60601-1-1 - 2007
**DALLAS SPHYGMO: WALL AND TROLLEY**

- **32749 DALLAS SPHYGOMANOMETER** - wall model
  Provided with rear plastic basket for cuff storage.
- **32747 DALLAS SPHYGOMANOMETER** - trolley model
  Provided with stainless steel trolley adjustable in height, with 5 castors.

All DALLAS sphygmos are provided with extra large dial plate (Ø 150 mm) for easy reading, black nylon calibrated cuff and latex quality inflation system and bladder. Scale 0-300 mmHg.

**DAYTON DESK/WALL SPHYGMO**

- **32745 DAYTON SPHYGMO** - desk/wall model
  Provided with big dial (Ø 113 mm) for easy reading.
  Basket with handle easy to move and carry.
  Nylon cuff with D ring. Wall fixing.
  Size: 130x130x135 mm - Weight: 180g
  Measuring range: 0-300 mmHg ± 3 mmHg.

**JOLLY DIGITAL B.P. MONITOR**

- **32777 JOLLY DIGITAL BLOOD PRESSURE MONITOR**
  Professional Blood Pressure monitor for medical use.
  - large easy-to-read illuminated LCD display 86x74 mm
  - WHO classification
  - arrhythmia detection (IHB)
  - 4-person memory zone - 30 memory space each
  - average of all saved measured values and morning and evening blood pressure of the last 7 days
  - time and date
  - automatic switch-off
  Multilanguage manual and box: GB, FR, IT, ES, PT, DE, PL, GR.

- **32922 CUFF** - adult - 22-30 cm (8-11") - black - spare
- **32923 CUFF** - adult large - 30-42 cm (11-16") - grey
- **32920 CUFF** - adult extra large - 42-48 cm (16-18.2") - grey

**DOMINO DIGITAL B.P. MONITOR**

- **32803 DOMINO DIGITAL BLOOD PRESSURE MONITOR**
- **32804 DOMINO DIGITAL B.P. MONITOR** on trolley with basket
  Professional Blood Pressure monitor for hospital and medical use.
  - extra large LCD display with innovative design
  - date/time/ambient temperature (°C/°F) display
  - IHB Irregular heartbeat detector
  - 120 memories (60 sets for 2 users)
  - alarm clock reminding function
  - WHO blood pressure classification indicator
- **32802 AC ADAPTOR**
- **32809 ADULT CUFF** - spare
- **32865 COILED TUBING EXTENSION** 3 m (42/45 spirals)

**DOMINO DIGITAL B.P. MONITOR**

- **32804 DOMINO DIGITAL B.P. MONITOR** on trolley with basket
  Professional Blood Pressure monitor for hospital and medical use.
  - extra large LCD display with innovative design
  - date/time/ambient temperature (°C/°F) display
  - IHB Irregular heartbeat detector
  - 120 memories (60 sets for 2 users)
  - alarm clock reminding function
  - WHO blood pressure classification indicator
- **32802 AC ADAPTOR**
- **32809 ADULT CUFF** - spare
- **32865 COILED TUBING EXTENSION** 3 m (42/45 spirals)

**TECHNICAL SPECIFICATIONS**

- **32777 JOLLY DIGITAL BLOOD PRESSURE MONITOR**
  - Measurement system: Oscillometric method
  - Measurement range: Pressure: 0-300 mmHg ±3 mmHg
  - Pulse: 40-180 pulses/min. ±5%
  - Power supply: 4x1.5 AAA batteries included
  - Outside dimension: 150x95xh 65 mm
  - Weight: approx 235 g (without batteries)

- **32803 DOMINO DIGITAL BLOOD PRESSURE MONITOR**
  - Measurement range: Pressure: 0 - 260 mmHg
  - Pulse: 40 - 160 beats/min.
  - Accuracy: Pressure ± 3 mmHg
  - Pulse ± 5%
  - Power supply: 4x “AA” batteries or AC adaptor (option)
  - External dimension: 150(L)x120(W)x127(H) mm
  - Weight: 490 g
**X-LIFE AUTOMATIC DIGITAL B.P. MONITORS - ESH VALIDATED**

- **32924 X-LIFE B.P. MONITOR - arm**
- **32926 X-LIFE B.P. MONITOR - wrist**

Accurate and precise automatic digital blood pressure meters for smooth and fast measurements with innovative functions:
- **IHB**: irregular heartbeat detector
- **WHO risk category indicator** (classifies your measurements in 6 stages of risk, from optimal to severe hypertension)
- Proven clinically to meet European Society of Hypertension ESH protocol
- Easy to read, wide angle display
- 120 memories for 3 users: 3 zones of 40 memories each
- Start/stop unique button, with blue backlight

**TECHNICAL SPECIFICATIONS**

- **Measuring method**: oscillometric, automatic air inflation and measurement
- **Cuff pressure range**: 0-300 mmHg ±3 mmHg
- **Pulse rate range**: 40-180 beats/min ±5% of reading
- **Range of measurement**: systolic: 60-260 mmHg, diastolic: 40-199 mmHg
- **Power supply**: 4x“AA” batteries 1.5 V
- **Dimensions**: 138x98x48 mm
- **Weight**: 211 g (excluding batteries)
- **Arm cuff**: for arm circumferences 22-30 cm, 30-42 cm or 42-48 cm

**SMART AUTOMATIC DIGITAL B.P. MONITOR - ESH VALIDATION**

- **32921 SMART AUTOMATIC B.P. MONITOR with adult cuff**
  Compact, fully logic, B.P.M. with innovative features:
  - Smart inflation technology for automatic pumping to proper pressure
  - WHO blood pressure indicator
  - IHB Irregular Heartbeat Detection
  - Average value of latest 3 readings
  - 2x60 memories, date and time
  - Displays systolic, diastolic and pulse rate separately
  - Multilanguage manual and box: GB, FR, IT, ES, PT, PL, GR, Arabic

- **32922 CUFF - adult - 22-30 cm (8-11”) - black - spare**
- **32923 CUFF - adult large - 30-42 cm (11-16”) - gray**
- **32920 CUFF - adult extra large - 42-48 cm (16-18.2”) - gray**

**TECHNICAL SPECIFICATIONS**

- **Measuring method**: oscillometric, automatic inflation and measurement
- **Cuff pressure range**: 0-300 mmHg ±3 mmHg
- **Pulse rate range**: 40-180 beats/min ±5% of reading
- **Systolic**: 60-260 mmHg
- **Diastolic**: 40-199 mmHg
- **Power supply**: 4x“AA” batteries 1.5 V
- **Dimensions**: 138x98x48 mm
- **Weight**: 211 g (excluding batteries)
- **Arm cuff**: for arm circumferences 22-30 cm, 30-42 cm or 42-48 cm

**SMART AUTOMATIC DIGITAL WRIST B.P. MONITOR**

- **32918 SMART AUTOMATIC WRIST B.P. MONITOR**
  Compact, fully logic, B.P.M. with innovative features:
  - Smart inflation technology for automatic pumping to proper pressure
  - WHO blood pressure indicator
  - IHB Irregular Heartbeat Detection
  - Average value of latest 3 readings
  - 2x60 memories, date and time
  - Displays systolic, diastolic and pulse rate separately
  - Multilanguage manual and box: GB, FR, IT, ES, PT, PL, GR, Arabic

**TECHNICAL SPECIFICATIONS**

- **Measuring method**: oscillometric, automatic air inflation and measurement
- **Cuff pressure**: 0-295 mmHg ±3 mmHg
- **Pulse rate range**: 40-180 beats/min ±5% of reading
- **Range of measurement**: 30-280 mmHg
- **Power supply**: 2x“AAA” batteries 1.5 V
- **Dimensions**: 84x64x28 mm
- **Weight**: 110 g (excluding batteries)
- **Wrist cuff**: applicable for wrist circumferences 14-19.5 cm
GIMA DIGITAL BLOOD PRESSURE MONITORS

DIAGNOSTICS

AUTOMATIC INFLATION AND DEFLATION

Extra large LCD display for easy reading

Display date and time

Both units are supplied with multilanguage box and manual (GB, IT, FR, ES, PT, DE, Arabic)

• 32787 GIMA AUTOMATIC B.P. MONITOR
  Innovative design digital fully automatic blood pressure meter:
  - one-touch measurement
  - 30 sec. measurement time for normal blood pressure
  - 4 persons use / 30 memories each - power saving system

TECHNICAL SPECIFICATIONS

Measuring method: oscillometric
Display: Systol, Diastol and Pulse
Measuring range: Pressure 20~280 mmHg (cuff pressure)
Pulse: 40~180 beats/min (pulse rate)
Accuracy: Pressure: ± 3 mmHg
Pulse: ±5% of reading
Power supply: 4x “AA” batteries
Dimensions: 140x120x70 mm
Weight: 300 g (ex. batteries)
Arm cuff: 22-34 cm

• 32786 GIMA AUTOMATIC WRIST B.P. MONITOR
  Reliable digital blood pressure monitor with following features:
  - one touch automatic inflation and deflation
  - large LCD display with date and time
  - 2 person use / 60 memories each - power saving system

TECHNICAL SPECIFICATIONS

Measuring method: oscillometric
Display: Systol, Diastol and Pulse
Measuring range: Pressure 20~280 mmHg
Pulse: 40~195
Accuracy: Pressure: ± 3 mmHg
Pulse: ±5% of reading
Power supply: 2x “AAA” batteries
Dimensions: 80x60x75 mm
Weight: approx 130 g (including cuff, ex batteries)
Wrist circumference: 13.5 - 19.5 cm

ANDON VALUE DIGITAL B.P. MONITOR

32901 ANDON B.P. MONITOR
32922 CUFF - adult - 22-30 cm
32923 CUFF - adult large - 30-42 cm
32920 CUFF - adult extra large - 42-48 cm

TECHNICAL SPECIFICATIONS

Measurement system Oscillometric method
Measurement range Pressure: 0~300 mmHg ±3 mmHg
Pulse: 40~180 pulse/min ±5%
Power Source 4x1.5 V AAA batteries - not included
Dimensions - weight 107x80xh 52 mm - 170 g (ex. batteries)
LCD size 66x58.5 mm

FULLY AUTOMATIC B.P.M.

32947 WIDE BLOOD PRESSURE MONITOR
- easy to use and clear LCD display
- 60 memories
- automatic switch-off
- for upper arm circumference 22-30 cm

32922 ADULT CUFF 22-30 cm - black - spare
32923 ADULT CUFF 30-42 cm - grey
32920 ADULT XL CUFF 42-48 cm - grey

TECHNICAL SPECIFICATIONS

Measurement system Oscillometric method
Measurement range Pressure: 0~300 mmHg ±3 mmHg
Pulse: 40~180 pulse/min ±5%
Power Source 4xAA batteries
Dimensions - weight 102.2x27.3 mm
LCD size 60x71 mm

32901 ANDON B.P. MONITOR
32922 CUFF - adult - 22-30 cm
32923 CUFF - adult large - 30-42 cm
32920 CUFF - adult extra large - 42-48 cm

- large easy to read LCD display, WHO blood pressure indicator
- 4 groups x 30 times with time and date stamp
- average of all saved measured values and morning and evening blood pressure for the last 7 days
- arrhythmia detection (HB)
- automatic switch-off.

TECHNICAL SPECIFICATIONS

Measurement system Oscillometric method
Measurement range Pressure: 0~300 mmHg
Pulse: 40~180 pulse/min
Accuracy Pressure: ± 3 mmHg
Pulse: ±5%
Power Source 4xAA batteries, optional AC/DC 6V adapter
Dimensions - Weight 153x108xh 60 mm - 290 g (without batteries)
LCD size 60x71 mm

TALKING B.P. MONITOR

Voice helps user, explaining how to measure pressure, and telling obtained results.

- large easy to read LCD display, WHO blood pressure indicator
- 4 groups x 30 times with time and date stamp
- average of all saved measured values and morning and evening blood pressure for the last 7 days
- arrhythmia detection (HB)
- automatic switch-off.

TECHNICAL SPECIFICATIONS

Measurement system Oscillometric method
Measurement range Pressure: 0~300 mmHg
Pulse: 40~180 pulse/min
Accuracy Pressure: ± 3 mmHg
Pulse: ±5%
Power Source 4xAA batteries, optional AC/DC 6V adapter
Dimensions - Weight 153x108xh 60 mm - 290 g (without batteries)
LCD size 60x71 mm

B.P. MONITOR WITH VOICE

Features:
- large easy to read LCD display
- arrhythmia detection (HB)
- time and date
- for arm circumference 22-30 cm
- WHO classification
- 60 memories
- automatic switch-off
- illuminated operation button

• 32901 ANDON B.P. MONITOR
• 32922 CUFF - adult - 22-30 cm
• 32923 CUFF - adult large - 30-42 cm
• 32920 CUFF - adult extra large - 42-48 cm

- manual in GB, FR, IT, ES, DE, PT, GR, AR
Supplied with light blue cuff in a light blue bag

• 32947 WIDE BLOOD PRESSURE MONITOR
• 32940 TALKING BLOOD PRESSURE MONITOR* - GB, FR, ES, PT, Arabic
• 32941 TALKING BLOOD PRESSURE MONITOR** - IT, SE, FI, DE, TR
• 32942 TALKING BLOOD PRESSURE MONITOR** - IT, RO, BG, HU, RU

B.P. MONITOR WITH VOICE


• 32940 TALKING BLOOD PRESSURE MONITOR* - GB, FR, ES, PT, Arabic
• 32941 TALKING BLOOD PRESSURE MONITOR** - IT, SE, FI, DE, TR
• 32942 TALKING BLOOD PRESSURE MONITOR** - IT, RO, BG, HU, RU

• 32943 AC ADAPTER 230V - 50 Hz
• 32922 ADULT CUFF 22-30 cm - black - spare
• 32923 ADULT CUFF 30-42 cm - grey
• 32920 ADULT XL CUFF 42-48 cm - grey

FEATURES:
- large easy-to-read LCD display
- arrhythmia detection (HB)
- time and date
- for arm circumference 22-30 cm
- WHO classification
- 60 memories
- automatic switch-off
- illuminated operation button
OMRON DIGITAL BLOOD PRESSURE METERS

The Intellisense™ technology ensures that the right inflation pressure is automatically detected. It detects irregular pulses and decides fully automatically if the measurement result is usable or the measurement needs to be repeated. Only accurate results are displayed.

<table>
<thead>
<tr>
<th>OMRON BLOOD PRESSURE MONITOR USER GUIDE</th>
</tr>
</thead>
<tbody>
<tr>
<td>32944 M2 HEM-7121-E</td>
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<tr>
<td>With Easy cuff 22-32 cm</td>
</tr>
<tr>
<td>Multilanguage box and manual:</td>
</tr>
<tr>
<td>GB, FR, IT, ES, DE, NL, RU, TR, Arabic.</td>
</tr>
<tr>
<td>32933 ADULT EASY CUFF 22-32 cm -</td>
</tr>
<tr>
<td>HEM-CR24 - spare</td>
</tr>
<tr>
<td>32929 AC/DC ADAPTOR</td>
</tr>
</tbody>
</table>

| 32928 M3 HEM-7131-E                     |
| With Easy cuff 22-42 cm                  |
| Multilanguage box and manual:           |
| GB, FR, IT, ES, DE, NL, RU, TR, Arabic. |
| 32938 ADULT EASY CUFF 22-42 cm -        |
| HEM-RML31 - spare                        |
| 32929 AC/DC ADAPTOR                      |

| 32948 M6 COMFORT IT                     |
| With Intelli wrap cuff technology.      |
| Cuff 22-42 cm                           |
| The connect OMRON app for smartphone    |
| allows to monitor parameters, create    |
| personalized programs, download data    |
| on PC and share them with physician.    |
| Multilanguage box and manual:           |
| GB, FR, IT, ES, DE, NL, RU, TR, Arabic. |
| 32929 AC/DC ADAPTOR                      |

| 32932 RS3 HEM-6130-E                    |
| Multilanguage manual and box:           |
| FR, IT, NL, DE, Arabic                   |

**TECHNICAL SPECIFICATIONS**

<table>
<thead>
<tr>
<th>32944 M2</th>
<th>32928 M3</th>
<th>32948 M6</th>
<th>32932 RS3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Measuring method: oscillometric</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Measuring range: Pressure: 0 mmHg to 299 mmHg ± 3 mmHg</td>
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</tr>
<tr>
<td>Pulse: 60 to 180 min ± 5% of display reading</td>
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<tr>
<td>Memory (with date and time): 30 60x2 users 100x2 users 60</td>
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</tr>
<tr>
<td>Inflation: fuzzy logic controlled by electric pump</td>
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</tr>
<tr>
<td>Deflation: automatic pressure release valve</td>
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<tr>
<td>Rating: 6VCC 4W</td>
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</tr>
<tr>
<td>Power source: 4 &quot;AA&quot; batteries 1.5 V 1000</td>
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</tr>
<tr>
<td>Battery life (N° of measurements): 1000</td>
<td></td>
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<tr>
<td>Protection against electric shock: internally powered ME equipment (when using batteries)</td>
<td></td>
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</tr>
<tr>
<td>Weight (console+cuff) without batteries: 250+130 g 280+170 g 380+163 g 101 g</td>
<td></td>
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</tr>
<tr>
<td>Size: 103x80 xh 129 mm 107x141xh 79 mm 124x161xh 90 mm 78x80 xh 21 mm</td>
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</tr>
<tr>
<td>Cuff materials: nylon and polyester</td>
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</tr>
<tr>
<td>Measurable circumference: 22-32 cm 22-42 (arm) 22-42 (arm) 13.5-21.5 (wrist)</td>
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</tr>
</tbody>
</table>
MICROLIFE AFIB BLOOD PRESSURE MONITOR - STROKE PREVENTION

- 32868 MICROLIFE WatchBP Home A (Professional use) + SOFTWARE
  - detection of atrial fibrillation (specific heart arrhythmia)
  - embedded ESH/AHA measurement guidelines lead to accurate home measurement data physician can trust in
  - automated data tabulations displays averages for morning, evening and overall measurement
  - clinically tested (BHS protocol)
  - MAM technology (automatic analysis of 3 consecutive measurements)
  - 250 Data memory in «USUAL» mode
  - USB port and mains adapter port
  - low battery indication
  - 4x1.5 V AA batteries
  Supplied with carrying bag, USB cable, soft cuff 22-32 cm software (GB) and manual (GB, IT, FR, ES). Other languages available from web: DE, CZ, DK, GR, FI, HU, NL, NO, PL, RO, RU, SE, SK, SI, YU, UA.
- 32869 ADULT LARGE CUFF 32-42 cm
- 32864 ADAPTER DC 6V, 600 mA

A&D BLUETOOTH BP MONITOR

- 32907 UA-767 BLUETOOTH® BLOOD PRESSURE MONITOR
  B.P.M. clinically proven in accuracy, with Bluetooth®.
  - compatibility with Bluetooth® Android receivers, iOS and Windows
  - built-in real time clock
  - 200-measurement memory
  - irregular Heart Beat Indicator
  - extra-large 3-line display for easier reading of results
  - one-touch measurement
  - comfortable Slim Fit cuff 22-32 cm (8.7”-12.6”)
  Supplied with carrying case, batteries and multilanguage manual (GB, FR, ES, IT, DE)

TECHNICAL SPECIFICATIONS

Method: Oscillometric
Display type: Digital, LCD 16 mm / 10 mm digit height, pressure and pulse displayed simultaneously
Measurement range: 20 - 280 mmHg (pressure) 40 - 200 pulse/minute (pulse)
Accuracy: ± 3 mmHg (pressure) ± 5% (pulse)
Pressurization: Automatic pressurization by micro pump
Depressurization: Constant speed exhaust valve
Deflation: Automatic exhaust by electromagnetic valve
Power supply: 4AA alkaline batteries (R6P) for 450 measurements
Dimensions / Weight: 64x147x110 mm / Approximately 300 g (0.66 lb)
Wireless communication Bluetooth 2.1 Class 1 SSP, SPP
Compatible with 2 net QUALCOMM LIFE platform
GEMINI BLUETOOTH 4.0 SPHYGMOMANOMETER

- 32908 GEMINI BLUETOOTH SPHYGMOMANOMETER
  - Electronic sphygmomanometer with fully automatic measurement of blood pressure.
  - Wide blue mode backlight LED display 12.8x5 cm.
  - 60x2 groups memory
  - Average function for the last 3 measured values
  - IHB function (irregular beat detection)
  - WHO graduation (B.P. classification indicator)
  - Bluetooth 4.0 connectivity, free APP (iOS and Android) to manage and track BP measurements

ADULT AND PEDIATRIC B.P. MONITOR WITH SpO2 OPTION

- 32902 LEO ELECTRONIC SPHYGMOMANOMETER - with software
  - Electronic sphygmomanometer with fully automatic measurement of blood pressure and large, high definition colour LCD display.
  - Suitable for adult, pediatric and neonatal use.
  - Data storage (3 users) for up to 100 groups of data
  - Automatic one-touch operation
  - Alarm function with possibility to set alarm limits
  - Dual scales: kPa and mmHg
  - Selection of five cuff sizes
  - Automatic power off
  - Optional SpO2

- 80556 POWER ADAPTOR

TECHNICAL SPECIFICATIONS SPHYGMOMANOMETER

- Measurement method: oscillometric
- Measurement range: 0-38.67 kPa (0-290 mmHg)
- Resolution: 1 mmHg
- Accuracy: Static pressure: ±0.4 kPa (±3 mmHg)
- Inflation - Deflation: automatic inflation - automatic multistep deflation
- Display: 2.8” colour LCD screen, USB interface
- Power: Four “AA” batteries or optional power adapter
- Safety: Class II device type BF applied part
- Dimension - Weight: 130x110x80 mm - 300 g

TECHNICAL SPECIFICATIONS SPO2

- SpO2 probe range: 0%-100% (resolution 1%)
- SpO2 accuracy: 70%-100%: ±2%
- PR range: 30-250 bpm, (resolution 1 bpm)
- PR accuracy: ±2 bpm or ±2% (select larger)

- 32903 SpO2 reusable adult probe
- 33755 SpO2 disposable adult probe
- 33756 SpO2 disposable child probe (3-20 kg)
- 33757 SpO2 disposable pediatric probe (10-50 kg)
- 80558 Extension cable for SpO2 probes

24 HOURS BLOOD PRESSURE MONITOR SYSTEM

- 32780 DAILY ABPM + software
  - A simple, economic and small size unit for 24 hours ambulatory blood pressure monitoring. Main features:
    - 4 - Memory zones, 99 - readings each (total 396 measurements)
    - Patient-friendly performance at affordable price
    - Automatic measurement by two predetermined intervals
    - Irregular Heartbeat detector, detect a disturbance in the regular rhythm of the heartbeat
    - Big LCD display showing measuring date and time
    - 5 - Mode average function, by hour, day, week, month and overall
    - Transfer to PC via software and USB plug of measured values
    - Lithium battery, long - time measurement
    - Supplied with arm cuff (22-34 cm) carrying bag and software.

- 32783 ADULT CUFF - spare
- 32784 LITHIUM BATTERY - spare

TECHNICAL SPECIFICATIONS DAILY ABPM

- Measuring type: Oscillometric system
- Measuring range: Pressure: 20-80 mmHg ± 3 mmHg
- Pulse: 40-195 beats/min ± 5%
- Power supply: Lithium Battery, 3.7 V 1050mA
- Weight: Approx. 260g (including cuff, ex. batteries)
- External dimension: 184x84x33 mm - Arm cuff: 22-34 cm
## 24 HOURS ABPM, SpO₂, AND PULSE RATE AMBULATORY MONITOR

- **35110 GIMA ABPM + Pulse rate with software**
- **35112 GIMA ABPM + Pulse rate with software and Bluetooth**
- **35111 GIMA ABPM + Pulse rate + SpO₂ with software**

GIMA ABPM module measures the blood pressure using the oscillometric method with step deflation.

Two modes of measurement: manual and automatic. Each mode displays the diastolic, systolic and mean blood pressure.

In the **MANUAL** mode, only one measurement is conducted for each time.

In the **AUTO** mode, the measurement is cycled; you can set the interval time to 5/10/15/20/30/45/60/90 min. (35111) or 15/30/60/120/240 min. (35110, 35112).

- compact and portable, easy to use
- suitable for adult, pediatric and neonatal patient
- large colour LCD display of ABPM, SpO₂, and pulse rate
- adjustable audible and visual alarms
- real-time ambulatory monitoring 24 hours storage and review of data
- clinically proven accuracy
- all data can be transferred to a PC through Windows-based software or to a smartphone through Bluetooth (35112 only).

- **35113 CHILDREN CUFF - arm circumference 18-26 cm**
- **35114 ADULT CUFF - arm circumference 25-35 cm**
- **35115 ADULT LARGE CUFF - arm circumference 33-47 cm**
- **35116 THIGH CUFF - thigh circumference 46-66 cm**
- **35117 EXTENSION TUBE FOR CUFFS (35113/4/5/6) - 1.5 m - spare**
- **35118 ADULT SpO₂ PROBE - reusable - spare**

### TECHNICAL SPECIFICATIONS

- **Display**: colour LCD
- **Power**: two “AA”, 1.5V alkaline batteries
- **Dimension**: 120x80x32 mm
- **Weight**: <350 g (including batteries)
- **SpO₂ (35111 only)**
  - Measurement range: 0-100%
  - Resolution: 1%
  - Accuracy: 70-100% ±2%
  - Alarm range: 0-100%
- **NIBP**
  - Method: oscillometry
  - Mode: manual/automatic/continuous
  - Measurement range: 0-290 mmHg (0 KPa - 38.67 KPa)
  - Automatic measurement interval:
    - 5, 10, 15, 30, 45, 60, 90, 120 min. (35111)
    - 15, 30, 60, 120, 240 min. (35110, 35112)
  - Resolution: 1 mmHg
  - Overpressure protection: 290 mmHg
  - Alarm:
    - systolic: 40-270 mmHg
    - diastolic: 20-235 mmHg
    - Map: 10-270 mmHg
  - Pulse rate
    - Range: 0-250 bpm (35111)
    - 40-240 bpm (35110, 35112)
    - Resolution: 1 bpm
    - Accuracy: ±1 bpm
    - Alarm range: 30-250 bpm
- **Operating system**
  - Windows XP, Seven, 8, 8.1 (at 32 & 64 bit)

## UP TO 52 HOURS AMBULATORY BLOOD PRESSURE MONITOR

- **33351 AM100 GIMA ABPM with adult cuff**

The AM100 is a compact, lightweight instrument that provides a cost-effective solution for monitoring patient’s blood pressure outside the clinical environment.

AM100 employs the popular oscillometric technique of blood pressure measurement. The simplicity of this technique provides for the quickest patient hook-up.

- Oscillometric technology: quick hook-up, making it easy to use, saving your staff time
- Compact and quiet: silent operation and compact size aid patient compliance.
- Low power consumption: requires only two "AA" batteries, making this unit much less expensive than others.

The AM100 is supplied complete with software, adult cuff, carrying-bag, English manual and PC connection cable.

- **33348 PEDIATRIC CUFF - arm circumference 18-26 cm**
- **33349 ADULT CUFF - arm circumference 25-35 cm**
- **33353 ADULT LARGE CUFF - arm circumference 33-40 cm**

### TECHNICAL SPECIFICATIONS

- **Display**: Liquid crystal
- **Recording duration**: Up to 52 hours
- **Sample quantity**: Over 250 sample of systolic, diastolic, MAP and heart rate
- **Sampling periods**: 3 time periods
- **Power source**: 3 VDC/Two 1.5 V “AA” Alkaline

### PG WIN PRO PC INTERFACE

- creates a monitoring plan tailored to an individual patient with up to 3 specific time periods
- generates concise clinical reports.

PG Win reports include full disclosure of blood pressure readings, heart rate, mean arterial pressure, blood pressure load and trend of BP values vs. time. Compatible with Windows 95, XP and Windows 7.

### STANDARD ACCESSORIES

- Cuff
- SpO₂ sensor
- Hose
- Software (GB - IT)
- User manual: GB, IT
- Batteries

### TECHNICAL SPECIFICATIONS

- **Display**: Colour LCD
- **Power**: Two “AA”, 1.5V Alkaline
- **Dimension**: 120x80x32 mm
- **Weight**: 350 g
- **SpO₂ (35111 only)**
  - Measurement range: 0-100%
  - Resolution: 1%
  - Accuracy: 70-100% ±2%
  - Alarm range: 0-100%
  - NIBP
    - Method: oscillometry
    - Mode: manual/automatic/continuous
    - Measurement range: 0-290 mmHg (0 KPa - 38.67 KPa)
    - Automatic measurement interval:
      - 5, 10, 15, 30, 45, 60, 90, 120 min. (35111)
      - 15, 30, 60, 120, 240 min. (35110, 35112)
    - Resolution: 1 mmHg
    - Overpressure protection: 290 mmHg
    - Alarm:
      - systolic: 40-270 mmHg
      - diastolic: 20-235 mmHg
      - Map: 10-270 mmHg
    - Pulse rate
      - Range: 0-250 bpm (35111)
      - 40-240 bpm (35110, 35112)
      - Resolution: 1 bpm
      - Accuracy: ±1 bpm
      - Alarm range: 30-250 bpm
    - Operating system Windows XP, Seven, 8, 8.1 (at 32 & 64 bit)

### TECHNICAL SPECIFICATIONS

- **Display**: Liquid crystal
- **Power**: Two “AA”, 1.5V Alkaline
- **Dimension**: 120x80x32 mm
- **Weight**: 350 g
- **SpO₂ (35111 only)**
  - Measurement range: 0-100%
  - Resolution: 1%
  - Accuracy: 70-100% ±2%
  - Alarm range: 0-100%
  - NIBP
    - Method: oscillometry
    - Mode: manual/automatic/continuous
    - Measurement range: 0-290 mmHg (0 KPa - 38.67 KPa)
    - Automatic measurement interval:
      - 5, 10, 15, 30, 45, 60, 90, 120 min. (35111)
      - 15, 30, 60, 120, 240 min. (35110, 35112)
  - Resolution: 1 mmHg
  - Overpressure protection: 290 mmHg
  - Alarm:
    - systolic: 40-270 mmHg
    - diastolic: 20-235 mmHg
    - Map: 10-270 mmHg
  - Pulse rate
    - Range: 0-250 bpm (35111)
    - 40-240 bpm (35110, 35112)
    - Resolution: 1 bpm
    - Accuracy: ±1 bpm
    - Alarm range: 30-250 bpm
  - Operating system Windows XP, Seven, 8, 8.1 (at 32 & 64 bit)