



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





En **LOMISA** nos centramos en los proyectos con la finalidad de mejorar la eficiencia operativa de un centro de salud. Hacemos frente, junto a nuestros clientes, al reto de modernizar sus instalaciones y servicios, proporcionando tecnologías vanguardistas, procedimientos probados y protocolos clínicos actualizados.

Nuestra visión a largo plazo siempre mejora la calidad de vida de los pacientes, que deberían beneficiarse del uso de las instalaciones y servicios. Mediante una estrecha colaboración con los profesionales y gestores del sector sanitario, proporcionamos planes, proyectos ejecutables y soluciones materiales para alcanzar los objetivos de sus instituciones públicas o privadas.

Al trabajar a nivel de gobiernos o administraciones centrales, también consideramos la oportunidad de reforzar el funcionamiento de la atención primaria para facilitar o ampliar el acceso de la población a los estándares apropiados de cuidado preventivo, diagnóstico y crítico. Nuestra estrategia para lograr esos objetivos es la potenciación de los actores claves, para que hagan lo correcto.

Nuestro equipo incluye a gestores e ingenieros con una gran experiencia en el sector hospitalario, ampliamente cualificados en el uso de la tecnología médica y la gestión de los servicios clínicos, que reciben el apoyo de una extensa red internacional de asesores clínicos de primer nivel para cubrir cualquier especialidad, desde los servicios clínicos centrales del hospital a las terapias modernas y complejas.

En **LOMISA** proporcionamos una amplia gama de servicios (instalación, ajuste, puesta en marcha, formación técnica y al usuario, mantenimiento preventivo y correctivo durante el periodo de garantía o el ciclo de vida útil) al presupuestar todas nuestras soluciones de equipamiento, como parte de nuestro fuerte compromiso con el cliente.

Otros equipamientos que suministramos:

- Anatomía patológica
- Esterilización y desinfección
- Rehabilitación
- Imagenología
- Laboratorio
- Medicina deportiva
- Oncología
- Quirófanos
- Refrigeración



NUESTRAS MARCAS



Diagnostics

Diagnóstico

SELECCIONE EL PRODUCTO QUE ESTÁ BUSCANDO

MICROSCOPIOS
DERMATOSCOPIOS
OTOSCOPIOS
OFTALMOSCOPIOS
BOMBILLAS
EQUIPOS
ESTACIONES
BATERÍAS
DEPRESORES LINGUALES
MINILINTERNAS
NEUROLOGÍA
OPTOMETRÍA
ESTETOSCOPIOS
ESFIGNOMANÓMETROS
PERISCOPIO PARA GARGANTA
ESPÉCULO NASAL
MONITORES DE PRESIÓN SANGUÍNEA



Diagnóstico

HEINE DELTA 20® T LED^{HQ} DERMATOSCOPES 10X - 16X

- 31165 HEINE DELTA 20® T LED^{HQ} DERMATOSCOPE 2.5V for polarization and immersion - K-262.10.118
- 31161 HEINE DELTA 20® T LED^{HQ} DERMATOSCOPE 3.5V (Li-ion) for polarization and immersion with rechargeable handle for mains socket and USB cable - K-262.28.388

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

LED in HQ - the new standard in LED illumination defining optimal light intensity, homogeneity and colour rendering for each individual examination - Colour temperature: 5.000 K, Colour Rendering Index (CRI) > 80 on a scale of 100. This ensures true tissue colour for the most accurate diagnosis.

Toggle between polarised and non-polarised illumination modes - conveniently alternate between two modes with the press of a button - no exchange of contact plates necessary. Allows recognition of the "Blink Sign" when observing crystalline structures and presence of milia cysts, increasing diagnostic function.

Optional small contact plate for difficult to access lesions.

Digital documentation capabilities - Heine SLR photo adapter allows to connect any Delta 20 dermatoscope to major brands of digital cameras.

LED Thermal Management - ensure long-term performance and product stability. Carefully selected and applied heat-diffusing materials guarantee up to 50.000 hours.



Supplied with hard case, dermatoscopy compendium, 10 ml oil.

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

HEINE MINI 3000 DERMATOSCOPES

- 31184 HEINE MINI 3000 XENON-HALOGEN DERMATOSCOPE 10X - D-001.78.107
- 31160 HEINE MINI 3000 LED^{HQ} DERMATOSCOPE 10X - D-008-78-109 - same as 31184, with the addition of:

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.

High-performance bright and homogeneous LED illumination with an excellent colour rendering (index >95). Colour temperature 4,000 K.

Twice brighter light compared to Xenon Halogen.

Maintenance free.

Fade-out function: reduces illumination intensity with battery level to let you know when to replace.

Up to 10 hours operation time.

- 31692 HEINE MINI 3000 NT CHARGER - X-001.99.484
- 31693 BATTERY+BASE - X-001.99.487 + X-001.99.488



HEINE NC1 LED DERMATOSCOPE

- 31158 HEINE NC1 LED^{HQ} DERMATOSCOPE - D-008.78.132

LED thermal management - LED illumination systems require thermal management. Carefully selected heat-diffusing materials guarantee consistent quality and performance for up to 50.000 hours.

Aluminium frame - more stability to the device for a long working life.

Non-Contact Dermatoscope - examining patients without touching the skin saves time and provides more professional distance between examiner and investigation area.

Polarised Illumination for detailed views of the crystalline and vascular structures. Allows examinations without contact liquids.

Precision HEINE Optics with 6X magnification - high-quality, aspherical optical system provides unsurpassed sharpness and resolution.

LED in HQ - optimal light intensity, homogeneity and colour rendering for each individual examination - Colour temperature: 5,000 K, Colour Rendering Index (CRI) 80, special index for red colours (R9) 35 on a maximum scale of 100. This ensures true tissue colour for the most accurate diagnosis.

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

- 31159 CONTACT PLATE WITH SCALE - D-000.78.115



GIMA XENON HALOGEN SKIN SURFACE MICROSCOPE 10X

- 31187 GIMA XENON HALOGEN DERMATOSCOPE 2.5 V - 10X
- 31183 DERMATOLOGY OIL
- 32203 "C" BATTERIES - blister of 2 pcs.
- 31479 XENON HALOGEN BULB - 2.5V - spare
- 31185 SKIN LESION GAUGE - 21x5 cm

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.

Available with your logo for min. 2,000 pcs.



TECHNICAL SPECIFICATIONS

- Battery: 2x "C" or rechargeable battery (34479) + charger (31542)
- Reticle contact plate
- Easy to focus, with large focus ring

MD SCOPE VIDEO OTOSCOPE

MD SCOPE VIDEO OTOSCOPE

Instant View

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

Real Time Interaction

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

Electronic medical record

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



32160



32162

• 32160 ELITE PACK

- MD Scope with
- 1 camera probe 45 mm Ø 5.2 mm
- RCA video cable
- 24 disposable specula
- 2 AA alkaline battery

• 32161 DELUXE ZIPPER PACK - 2 cameras

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

Detachable camera modules are designed for different examinations as needed



32165 32167 32168 32169

A video port provides simultaneous image to display on TV/monitor or to download to Mac/PC system

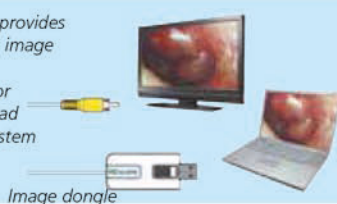


Image dongle



2.4" colour LCD display

Image freeze function

Video out port

320x240 pixels

Lightweight: 218 g

Size: 8x20 cm (2.5"x8")

Battery lifespan: 4 hours



US pat. n° 8206290



32175

code	ACCESSORIES AND SPARE PARTS
32165	Camera probe 45 x Ø 5.2 mm
32166	Camera probe 47 x Ø 4.2 mm
32167	Long camera probe 75 x Ø 5.2 mm
32168	Flexible camera probe 150 x Ø 5.2 mm
32169	Long flexible camera probe 300 x Ø 5.2 mm
32172	Disposable rigid specula Ø 5.5 mm for 32165 - box of 250
32173	Reusable silicone specula Ø 4.2 mm for 32166 - box of 24
32175	Cradle for video otoscope
32176	Cable set (USB and RCA cable, adaptor)

DIGITAL Wi-Fi & USB VIDEOTOSCOPE + SOFTWARE



32180

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

• 32180 MIC Wi-Fi & USB VIDEOTOSCOPE with software Innovative, handheld colour Otoscope with Wi-Fi wireless transmission. Small, easy to operate, light and portable. It can be used with all the most popular smartphones, tablets and even with PC.

- Designed in Italy, made in China.
 - 31491 DISPOSABLE MINI EAR SPECULUM Ø 2.5 mm - black - box of 100
 - 31492 DISPOSABLE MINI EAR SPECULUM Ø 4 mm - black - box of 100
- Suitable also Mini Ear Speculum 31485-8, 31495-9 at page 220

TECHNICAL SPECIFICATIONS

Operation system:	Windows (XP and following), Mac (OSX 10.7 and following), iOS, Android
Photo and video resolution:	1.3 MPixels - 1,280x1,024 (MJPG), 640x480 (MJPG), 320x240
Frame rate:	15 fps 1280x1024, 30 fps 640x480 320x240
Wi-Fi wireless transmission distance:	up to 5 m
Power consumption:	max 2.5 W
Li-ion battery:	continuous working time - approx. 2 hours, full charging time - approx. 2 hours
Power source:	DC 5.0 V / 1A
Size - weight:	Ø 36x142 mm - 88 g
Camera	
Camera sensor:	CMOS 1/4"
Optical features:	Exposure: Auto, Gamma: Auto, White balance: Auto, Black reference: Auto
Otoscope	
Magnification:	20 X
Focus range:	8-60 mm
Object distance:	1-160 mm
Light source:	4 adjustable white LED
Lens:	high definition microscopy lens
Software interface	Mic-Fi Apps for Android and iOS system and Mic-Fi softwares for PC and MAC

STANDARD ACCESSORIES

Plastic stand	USB AC adapter and cable
Line calibration ruler	Manual (GB, FR, IT, ES, DE)
CD basic software Win (GB, IT, ES, DE, PT, RU, BG, TH, JP, KR) Mac (GB)	

HEINE OMEGA® 500 INDIRECT OPHTHALMOSCOPE

• 31753 HEINE OMEGA 500 XENON-HALOGEN INDIRECT OPHTHALMOSCOPE 6V - C-004.33.539

With mPack pocket battery, plug-in transformer, headband rheostat and 90° angled adapter

- clearer, crisper views: a new illumination system with Xenon Halogen Technology bulb produces less reflexes off the cornea and clear, high resolution bright images of the fundus.

- enhanced variable pupil function: allows for the precise, synchronized selection of observation and illumination optics for any pupil size. It provides stereopsis in pupils ranging from 10 mm to 1 mm.

- fully featured: 3 Spot sizes: Large, Medium and Small. Integrated diffused light filter.

3 Integrated Filters: Red-free, Cobalt Blue, and Yellow.

- Omega headband comfort: articulating Rear Hinge provides vertical adjustment of the rear band of the headband for individual placement.

• 31756 HEINE OMEGA 500 UNPLUGGED LED™ 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.



31757



5 YEARS WARRANTY

Light weight only 450g



WELCH ALLYN MACROVIEW™ OTOSCOPE

• 32100 MACROVIEW™ HEAD - 23810

• 32101 LITHIUM ION HANDLE WITH AC CHARGING MODULE 3.5 V - 71902

This next-generation otoscope features advanced optics that increase magnification while giving you a nearly full view of the tympanic membrane - virtually eliminating the need for panning. With its easy-to-focus eyepiece, MacroView allows for enhanced visualization to help see past wax, locate fluid behind the eardrum, and even perform exams without your glasses.

- twice the field of view

- 30% greater magnification than a traditional otoscope

- nearly a full view of the tympanic membrane

- better clarity and definition of landmarks

- ability to adjust focus for variable ear canal lengths or farsighted eyes

• 32106 KLEENSPEC® ADULT DISPOSABLE EAR SPECULA 4.25 mm - box of 850 pcs - 52434-UB

• 32105 KLEENSPEC® PEDIATRIC DISPOSABLE EAR SPECULA 2.75 mm - box of 850 pcs - 52432-UB

• 32135 SPARE HALOGEN BULB - 3.5 V - 06500 U

Adjustable focus wheel allows to 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



32100

Insufflation port for pneumatic otoscopy

Welch Allyn®

Lithium-ion handle with AC charger module compatible with all Welch Allyn instrument heads 3.5 V



32101

WELCH ALLYN PANOPTIC™ OPHTHALMOSCOPE

• 32110 PANOPTIC OPHTHALMOSCOPE HEAD - 11810

• 32101 LITHIUM ION HANDLE WITH AC CHARGING MODULE 3.5 V - 71902

PanOptic is a breakthrough concept in ophthalmoscopy. Thanks to an innovative, optical design known as Axial PointSource™ Optics, it will greatly enhance your funduscopic examinations.

- fast easy entry into small, undilated pupils

- 5X larger field of view than you see with standard ophthalmoscopes in an undilated eye

- 25° field of view versus the 5° field of view of standard ophthalmoscopy

- a 26% increase in magnification, making it easier to see retinal details

- greater distance between practitioner and patient means greater comfort for all

• 32127 SPARE HALOGEN BULB - 3800 U

FIELD OF VIEW



Larger view of the fundus

5X



Patented Axial PointSource™ Optics: makes it easy to enter undilated pupils, and provides a 25° field of view, resulting in a view of the fundus 5 X greater than with a standard ophthalmoscope in an undilated eye

Halogen HPX™ Lamp: provides whiter, brighter light

Glare Extinguishment System: prevents interference from unwanted glare and reflections

Welch Allyn 3.5 V Power Sources: compatible with any standard 3.5 V power source including: desk charger handles, convertible battery handles, wall transformers and the Lithium Ion Power Handle



Patient Eyecup: allows proper viewing distance, provides image stability, serves as a pivoting point for panning around the retina, helps with orientation, and screens out ambient light. The eyecup is cleanable and reusable

PanOptic Soft Grip: ergonomically designed for maximum comfort, balance, and access to controls.

Aperture Dial: allows you to select micro, small, and large spot sizes. Also includes red-free filter and slit aperture, half-moon aperture for corneal exams

Dynamic Focusing Wheel: adjusts the focus in a continuous, smooth action for more precise control and optimum view. Available focusing range is -20 to +20 diopters






HEINE ORIGINAL BULBS

HEINE BULBS	HEINE ref.	code	Compatible with following HEINE products
 Xenon 2.5 V	035	31769	Transilluminator Finoff alpha® F.O. and F.O. SP Laryngoscopes - Sanalon handle Glaucotest
 Xenon 2.5 V	037	31771	K100 and Beta® 100, Beta® 100 vet otoscopes Laryngeal mirrors F.O. mini 2000 otoscope Alpha® and Alpha F.O. otoscopes Mini/mini 3000/Alpha/Beta tongue holders
	038	31773	Miroflex ophthalmoscope HFR2 spot retinoscope Delta®10 dermatoscope
	041	31774	Fibrilux mini otoscope Mini 2000 combilamp Mini 2000 cliplamp Mini 1000 cliplamp
	042	31780	Alpha® ophthalmoscope Mini 2000 ophthalmoscope Alpha® Focalux Mini Miroflex ophthalmoscope Mini 2000 Focalux
	056	31770	Minilux otoscope Mini 2000 otoscope
	057	31785	Mini 2000, Mini 3000 laryngeal mirrors
	069	31781	Beta® 200, 200 M2, 200S ophthalmoscopes - XHL 2.5 V
 Xenon 2.5 V	077	31772	Beta® 200, 200 VET, 400; K 180 otoscopes Lambda 100 retinometer Delta®10 plus dermatoscope
 Xenon 2.5 V	084	31782	K180® ophthalmoscope - 2.5 V
	105	31776	Mini 3000 F.O. otoscope
	106	31777	Mini 3000 ophthalmoscope
	107	31778	Mini 3000 combilamp and cliplamp - XHL 2.5 V
	109	31779	Mini 3000 dermatoscope
	110	31775	Mini 3000 otoscope
	070	31783	Beta 200, 200 M2, 200S ophthalmoscopes - XHL 3.5 V
	078	31784	Beta 200, 200 Vet, K180 otoscopes lambda 100 retinometer otoscopes - XHL 3.5 V

WELCH ALLYN BULBS

WELCH ALLYN BULBS	W. A. ref.	code	Compatible with following WELCH ALLYN products
	00200-U	32120	Anoscopes: 38800, 380, 385, 395 Illuminators: 41000, 26030 Old products: 235, 77900, 26000, 20100, 21600, 42700, 40510
	03000-U	32123	Ophthalmoscope: 11710, strabismoscope: 12400, episcope: 47300 Old ophthalmoscope: 11600, 11605, 11610 Retinoscope: 18000
	03100-U	32124	Otoscopes: 25020, 21700, 20200 Handle: 73500, holder: 28100 Illuminators: 27000, 27050, 26530, 41100, 43300 Old otoscopes: 25000, 25200, 20000
	03300-U	32125	Ophthalmoscope: 11511-11500
	03400-U	32126	Otoscopes: 24011-24020-24000-24031-21110/1 Handle: 73550, Illuminators: 27200-27250-41110
	03800-U	32127	Pan optic: 11810-11820-11800
	04100-U	32128	Exam light: 48400-48410
	04200-U	32129	Exam light: 48600, 48610-48625-48635, 48700
	04400-U	32130	Ophthalmoscopes: 11400-11411-11470-11475
	04700-U	32131	Laryngo: 680, 690, 692 (size 1-2) Old laryngo: 634, 664, 674, 684, 694 (check size)
	04800-U	32132	Laryngo: 680 (size 2-4), 690, 692 (size 3-4) Old laryngo: 634, 640, 664, 674, 684, 694 (check size)
	04900-U	32133	Ophthalmoscope: 11720, 11730, 11735, 11620, 11630
	06000-U	32134	Laryngo handles: 60813, 60814, 60713, 60815, 60803, 60804
	06500-U	32135	Macroview otoscope: 23810, 23820
	07800-U	32136	Handle: 73211, 73210, 78000, 73200

RIESTER ORIGINAL BULBS

RIESTER BULBS	RIESTER ref.	code	Bulb	Compatible with following RIESTER products
	10421	31850	Vacuum 2.7 V	Otoscope uni*/speculight
	10424	31851	Vacuum 2.5 V	May-ophthalmoscope uni*
	10487	31825	XL 3.5 V xenon	Otoscope ri-scope® L1
	10488	31852	Vacuum 2.7 V	Pen-scope® and e-scope® otoscope
	10489	31560	HL 2.5 V	Otoscope pen-scope®/ ri-scope® L1 and e-scope®
	10590	31853	HL 2.5 V	Otoscope uni*
	10600	31854	XL 2.5 V	Otoscope ri-mini®, ri-scope® L2/L3 and e-scope®
	10605	31562	HL 2.5 V	Ophthalmoscope ri-mini/ri-scope® L1, L2, L3, e-scope®, ri-derma®
	10607	31855	XL 3.5 V	Ri-scope® otoscope L2, L3
	10608	31826	XL 3.5 V	Ri-scope® ophthalmoscope L1, L2, L3
	14041	31561	LED 3.7 V	E-scope F.O otoscope
	14051	31563	LED 3.7 V	E-scope ophthalmoscopes



COMPATIBLE GERMAN BULBS

GIMA BULBS	code	Compatible with the following products
LARYNGOSCOPE BULBS - MADE IN GERMANY		
	34324	Gima, Riester, And, Kawe, Timesco Truphatek and most of conventional laryngoscopes in the market (generally used for blades N° 00, 0, 1)
	34325	Gima, Riester, And, Kawe, Truphatek, Timesco and most of conventional laryngoscopes in the market (generally used for blades N° 2, 3, 4)
	34485	Gima, And, Kawe and most of F.O. laryngoscopes in the market. Compatible for products that use Heine Bulb # 035
OTOSCOPE-OPHTHALMOSCOPE BULBS - MADE IN FRANCE-GERMANY		
	31795	Heine mini 3000 otoscopes
	31796	Heine mini 3000 F.O. otoscopes
	31449	Parker otoscopes and some otoscopes of Riester, Timesco and Kawe
	31446	Parker ophthalmoscope Parker diagnostic sets
	31478	Gimalux otoscopes, Kawe and Riester mini otoscopes Compatible for products that use Heine bulb #037
	31479	Parker halogen ophthalmoscope
	31428	Gima Xenon - halogen diagnostic sets - ophthalmoscope
OTO-OPHTHALMO-DERMATOSCOPE BULBS - OTHER COUNTRIES		
	31188	Gima dermatoscope Compatible for products that use Heine Bulb #038
	31427	Gima Xenon - halogen diagnostic sets - otoscope

HEINE MINI 3000® XHL AND LED^{HQ} OTO AND OPHTHALMOSCOPE



31680
31684
31676
31678

31681
31685
31687

31682
31683

5 YEARS WARRANTY



31676
31680
31684

31678

Ophthalmoscope with 5 different apertures
 - Large spot for normal fundus examinations.
 - Small spot to access small pupils.
 - Fixation star for determination of central or eccentric fixation. Especially suited for examining children.
 - Hemispace for reduced reflection with small pupils.
 - Red-free filter for contrast-enhancement when assessing fine vascular disorders

31686
31688

31689, 31696

MINI 3000 F.O. XENON OTOSCOPES

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

MINI 3000 F.O. LED^{HQ} OTOSCOPES

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

MINI 3000 OTOSCOPES 2.5 V				
	BLACK		BLUE	
	code	HEINE code	code	HEINE code
Standard	31680	D-001.70.210	31681	D-001.70.210
F.O. Xenon	31684	D-001.70.110	31685	D-001.70.110
F.O. LED ^{HQ}	31676	D-008.70.110	31677	D-008.70.110
MINI 3000 OTOSCOPE 2.5 V - RECHARGEABLE HANDLE**				
F.O. Xenon	31682	D-001.70.301	-	-
F.O. LED ^{HQ}	31683	D-008.70.301	-	-
MINI 3000 OTOSCOPE 2.5 V - hard case				
F.O. LED ^{HQ}	31678	D-885.20.021		

Above otoscopes are supplied in a box with 5 disposable speculum Ø 4 mm and 5 Ø 2.5 mm

MINI 3000 XENON OPHTHALMOSCOPES

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

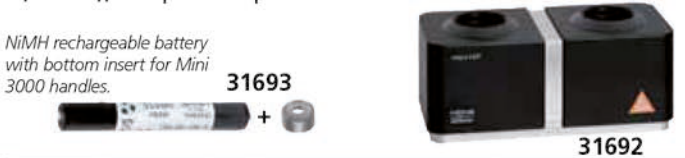
MINI 3000 LED^{HQ} OPHTHALMOSCOPES

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

MINI 3000 OPHTHALMOSCOPES 2.5 V				
	BLACK		BLUE	
	code	HEINE code	code	HEINE code
Xenon	31686	D-001.71.120	31687	D 001.71.120
LED ^{HQ}	31688	D-008.71.120	-	-
MINI 3000 OPHTHALMOSCOPES 2.5 V - RECHARGEABLE HANDLE**				
F.O. Xenon	31694	D-001.71.200	-	-
F.O. LED ^{HQ}	31695	D-008.71.200	-	-
MINI 3000 OTO-OPHTHALMO SET - hard case				
Xenon Set	31689	D-873.11.021	-	-
LED ^{HQ} Set	31696	D-886.11.021	-	-

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

NiMH rechargeable battery with bottom insert for Mini 3000 handles.



CHARGER AND ACCESSORIES		
code	HEINE code	
31691	D-000.80.101	MINI 3000 connector for pneumatic test
31692	X-001.99.484	HEINE MINI 3000 NT charger
31693	X-001.99.487 + X-001.99.488	BATTERY + BASE

**Need Heine Mini 3000 NT charger (31692)

31503
Dispenser of 250 pcs.



code	HEINE DISPOSABLE MINI EAR SPECULUM*	Minimum order
31501	HEINE dispenser for mini speculum - empty	-
31502	HEINE disposable Allspec® speculum Ø 2.5 mm - grey	dispenser of 250
31503	HEINE disposable Allspec® speculum Ø 4 mm - grey	dispenser of 250
31515	HEINE disposable Allspec® speculum Ø 2.5 mm - grey	box of 1000
31516	HEINE disposable Allspec® speculum Ø 4 mm - grey	box of 1000

*Compatible with Heine Mini 2000/3000, K180, Beta 200, Beta 400

SIGMA F.O. DIAGNOSTIC SETS

SIGMA otoscopes and ophthalmoscopes are high quality pocket diagnostic instruments designed for professional use in ENT and ophthalmology. 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
- 31526 SIGMA F.O. LED OTOSCOPE 2.5 V - case - black
- 31518 SIGMA F.O. LED OTOSCOPE 2.5 V - case - blue



31524

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.



Colour coded 18 lenses for excellent resolution

+	1	2	3	4	6	8	10	15	20
-	1	2	3	4	6	8	10	15	20

LED features

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

- enhanced xenon/halogen super bright light
- 5 different apertures

Large spot: for normal funduscopy

Small spot: for reduced reflection with small pupils

Semi circle: for reduced reflection with small pupils

Fixation star: for determination of central or eccentric fixation, suitable for examining children

Red-free filter: for contrast-enhancement when assessing fine vascular disorders

- range of lenses from -20 D to +20 D

- 31533 SIGMA F.O. OTO-OPHTHALMOSCOPE SET 2.5 V - case with 1 handle - black
- 31528 SIGMA F.O. OTO-OPHTHALMOSCOPE DELUXE SET 2.5 V - case with 2 handles - black
- 31534 SIGMA F.O. LED OTO-OPHTHALMOSCOPE DELUXE SET 2.5 V - case with 2 handles

Oto-ophthalmo sets are supplied with oto and opthalmo 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



31527



31524, 31525

FIBRE OPTIC OR F.O. LED



31527



31533



31528, 31534

HEINE BETA® 200 RETINOSCOPE

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

With ParaStop® for finding the neutralization point (US pat. 5,859,687): precise, easy selection of a parallel beam

- dustproof: maintenance free
- single control for vergence and rotation: comfortable operation
- integrated polarisation filter: eliminates stray light and internal reflexes for a brighter pupilling reflex
- streak or spot retinoscope: simply by changing the bulb
- XHL (xenon halogen technology): bright, white light. Bright fundus reflex, easy recognition of neutralization point
- ergonomic shape: protects the examiner's orbit from stray light



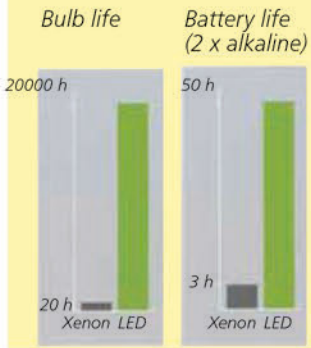
5 YEARS WARRANTY



E-SCOPE®: RIESTER OTO-OPHTHALMOSCOPES

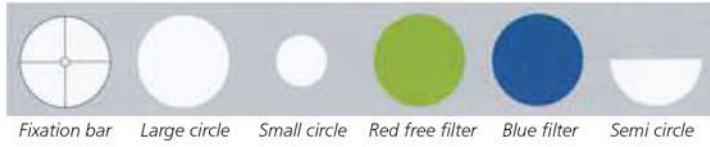


INNOVATIVE LED 3.7 V ILLUMINATION:
 - real colour 5,500K white light
 - long life LED bulbs: up to 20,000 hours
 - low battery consumption: up to 50 hours operation through IPC (Integrated Power converter). It converts the voltage of AA batteries into the optimum voltage required for LED



Riester
 Made in Germany

- 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 - in rigid case
- 31557 E-SCOPE® OPHTHALMOSCOPE - F.O. - LED 3.7 V - white - in rigid case
 E-scope ophthalmoscopes are available with Xenon or LED illumination.
 - with 2.5V Xenon illumination and with innovative 3.7V LED illumination for higher-contrast and more efficient diagnosis
 - dioptre disc with 18 corrective lenses (± 1, 2, 3, 4, 6, 8, 10, 15, 20)
 - easy-to-use aperture wheel with six apertures (fixation star, large circle, small circle, red free filter, blue filter, semi circle)
 - high performance optics with aspherical condenser
 - spectacle protection
 - parallel optical path



- 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.

LUXAMED®



HEINE K100 HALOGEN OTOSCOPE



5 YEARS WARRANTY



31720

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

HEINE K180 OTO-OPHTHALMO



31740

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



HEINE BETA 200 F.O. OTOSCOPES



31725
31726
31728

Large, scratch-resistant glass viewing window with 3x magnification

34449



BETA 200, BETA 400 OTOSCOPE HEAD

Distal fiber optic (F.O.) illumination with XHL xenon halogen technology
Airtight window seal for reliable test of tympanic mobility



Handle with charge status display

31728

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

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

HEINE BETA 200 AND 200S OPHTHALMOSCOPES



31730



6 standard diaphragms: slit, fixation star with polar co-ordinates, cobalt blue filter, large spot, small spot, hemi spot



6 diaphragms with green filter

+ in 1 D steps 1 - 10 | 15 | 20 | 40 | D
- in 1 D steps 1 - 10 | 15 | 20 | 25 | 35 | D

- 31730 HEINE BETA 200 HALOGEN OPHTHALMOSCOPE - 2.5 V - C-144.10.118 The unique aspherical optic system eliminates corneal and iris reflexes. The illuminated area of the retina remains fully visible even in case of small pupil (bright light). BETA 200 has 6 diaphragms with separately "green filter". It is recommended for small or expanded pupils; suitable for slit or fluorescent ophthalmoscopy as well as for fixation test. Range -35D to +40D. Supplied in hard case with replacement bulb.
- 31731 HEINE BETA 200 F.O. OPHTHALMOSCOPE - 3.5 V Li-ion - C-144.27.388 Same as 31730 but with USB rechargeable handle for mains socket and Li-ion batteries.
- 31783 HEINE 070 OPHTHALMOSCOPE BULB 3,5 V - X-002.88.070



31730

- 31735 HEINE BETA 200S OPHTHALMOSCOPE - 2.5 V - C-261.10.118
- 31781 HEINE 069 OPHTHALMO BULB - 2.5 V - spare - X-001.88.069
- 31737 HEINE BETA 200S LED OPHTHALMO - 3.5 V with USB rechargeable handle - C-261.28.388

- Superior aspherical optics and 74 single-diopter steps
- optical system: corneal and iris reflexes are eliminated. A full view is guaranteed even with small pupils.
- XHL (Xenon Halogen Technology) or LED: bright, white light.
- recessed, multi-coated viewing window: avoids stray light.
- optics mounted on precision metal chassis.
- ergonomic shape: instrument fits the orbita comfortably in any position.
- 7 apertures with separate red-free filter:
- lens range: perfect focus even with high refractive errors.
- exact colour rendering



Cobalt blue filter, fixation star with polar co-ordinates, large spot, small spot, pinhole, slit, hemisport



With red-free filter: Cobalt blue filter, fixation star with polar coordinates, large spot, small spot, pinhole, slit, hemisport



74 single diopters steps + in 1 D steps: +1 through +38 D - in 1 D steps: -1 through -36 D

VISIO 2000 F.O., XENON OTO, OPHTHALMO, ENT SETS - 3.5 V

Professional diagnostic sets with fiber optic illumination system, Xenon light 3.5 V, rheostat to adjust the intensity of light. Powered by rechargeable Li-ion batteries.

All products are made of impact resistant re-inforced plastic and durable easy locking system for hospital long term use. Supplied in deluxe case, should be used with charging station 31542 and Li-ion rechargeable battery (31541). Only plug-in set (31537) as direct AC connection and need battery 31547.

- 31535 VISIO 2000 F.O. XENON OTOSCOPE - 3.5 V
- 31536 VISIO 2000 F.O. XENON OPHTHALMOSCOPE - 3.5 V
- 31537 VISIO 2000 F.O. XENON OTO-OPHTHALMOSCOPE PLUG-IN SET - 3.5 V - 2 pin plug
- 31538 VISIO 2000 F.O. XENON OTO-OPHTHALMOSCOPE - 3.5 V
- 31539 VISIO 2000 F.O. XENON DIAGNOSTIC SET - 3.5 V
- 31428 OPHTHALMOSCOPE BULB - spare
- 31544 OTOSCOPE BULB - spare
- 31541 LI-ION RECHARGEABLE BATTERY
- 31547 LI-ION RECHARGEABLE BATTERY 3.5 V PLUG-IN HANDLE for 31537

- 31542 ZOOM CHARGING STATION Supplied with EU 2 pin, UK and US plug

Swivel type window with 3X magnification for sharp images and minimal reflection



6 apertures to select from:

- Micro spot aperture
- Small aperture
- Large aperture
- Fixation aperture
- Slit
- Red-free filter

Enhanced Xenon super bright light



0	1	2	3	4	5	6	7	8	9	10	12	15	20	40
	1	2	3	4	5	6	7	8	9	10	15	20	25	

Colour coded 28 lenses for perfect examination (GREEN for +, RED for -)



31542



31535

F.O. Xenon otoscope set 3.5 V
F.O. otoscope head, battery handle with bayonet lock, 1 set of 5 reusable eartips (2.5, 3.5, 4.5, 5.5 & 9.0 mm), tube of 14 disposable eartips (2.5 & 4.0 mm), spare bulb, in a rigid case.



31537

F.O. Xenon oto/ophthalmo plug-in set 3.5 V
F.O. otoscope head, F.O. ophthalmoscope head, one battery handle with bayonet lock and plug-in, 1 set of 5 reusable eartips (2.5, 3.5, 4.5, 5.5 & 9.0 mm), tube of 14 disposable eartips (2.5 & 4.0 mm), spare oto and ophthalmo bulbs, rechargeable Li-ion battery in a rigid case.



Plug-in handle



31538

F.O. Xenon oto/ophthalmo set 3.5 V
F.O. otoscope head, F.O. ophthalmoscope head, two battery handles with bayonet lock, nasal illuminator with F.O. light, 1 set of 5 reusable eartips (2.5, 3.5, 4.5, 5.5 & 9.0 mm), tube of 14 disposable eartips (2.5 & 4.0 mm), spare oto and ophthalmo bulbs in a rigid case.



31539

F.O. Xenon ENT diagnostic set 3.5 V
F.O. otoscope head, F.O. ophthalmoscope head, battery handle with bayonet lock, nasal illuminator with F.O. light, curved illuminator with bulb, plain mirror 20.0 mm, plastic tongue depressor, 1 set of 5 reusable eartips (2.5, 3.5, 4.5, 5.5 & 9.0 mm) tube of 14 disposable eartips (2.5 & 4.0 mm), spare oto and ophthalmo bulbs, in a rigid case.

GIMA VISIO 2000 WALL DIAGNOSTIC STATION - 3.5 V

• 31545 GIMA WALL DIAGNOSTIC STATION - 3.5 V
Perfect solution for everyday clinical and hospital life. The unit has a centralized electrical supply, eliminating the need for conventional or rechargeable batteries. Wall station is equipped with two handles one with Visio 2000 otoscope Xenon light head and one with Visio 2000 ophthalmoscope Xenon light head.

Main features:

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

Power: 115-230 V, 50-60 Hz. Disposable ear speculum see page 220



31545



RI-FORMER® THE MODULAR DIAGNOSTIC STATION 3.5V



MODULAR DIAGNOSTIC STATION - XENON	
31800	Ri-Former Diagnostic station 3.5-230V* 50/60 Hz-standard (include 2 handle oto and ophthalmo 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 oto and ophthalmo 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 MODULES AND HEADS	
31809	Basic diagnostic station 1 handle 3.5 - 230V* 50/60 Hz
31810	Extension module 1 handle
31811	Ri-scope L2 otoscope head - Led 3.5V
31812	Ri-scope L1 otoscope head - Xenon 3.5V
31813	Ri-scope L1 ophthalmoscope head - Xenon 3.5V
31814	Ri-scope retinoscope head - Xenon 3.5V
31815	Ri-scope dermatoscope head - Led 3.5V
31817	Ri-scope L1, L2 ear speculum Ø 2.5 mm** - autoclavable 134°C
31819	Ri-scope L1, L2 ear speculum Ø 4 mm** - autoclavable 134°C
31820	Ri-spec ear specula dispenser - specula not included
31822	Sphygmomanometer with basket
31823	Ri-thermo N infrared thermometer with 40 covers
31824	Probe cover for 31823 - box of 100 - spare
31825	Xenon L1 otoscope bulb 3.5V - spare
31826	Xenon ophthalmoscope L1, L2, L3 bulb 3.5V - spare

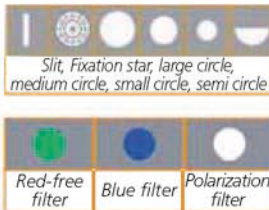
RI-FORMER MODULAR DIAGNOSTIC STATION
The modular diagnostic station can be individually combined according to requirements and the room situation, it is variably extendable to the right and the left.

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, light-weight, these are the big advantages of Li-ions batteries; wich provide sustained high performance for up to 1200 charging cycles. LEDs powered by lithium batteries can burn for up to 50 hours.

- **31830 RI-SCOPE L2 LED OTOSCOPE - 3,5 V**
The newest generation ri-scope®L otoscopes with optical glass and reduced reflection combines excellent optical properties and unparalleled performance with the reliability and efficiency of LED/lithium-ion technology.
- optimal beaming and transmission of the light.
- bi-directional swivelling, sealing optical glass 3X

- Suitable for pneumatic test (supplied without ball).
- C handle runs Li-ion batteries, not included.
- Supplied in deluxe hard case with one spare lamp, 4 reusable ear specula and 3 disposable ear specula.
- Spare ear speculum: use above 31817-31819 (autoclavable) or 31485 to 31499 (disposable) page 220.
- **31832 RI-SCOPE L2 XENON OPHTHALMOSCOPE - 3,5 V**
The enhanced basic model with separately engageable red-free, blue and polarization filters for each aperture.
- Diopter wheel with 29 corrective lenses Plus 1-10, 12, 15, 20, 40 Minus 1-10, 15, 20, 25, 30, 35
- Easy-to-operate aperture hand-wheel with semi-circle, small/medium/large circle, fixation star, and slit
- Includes filter wheel engageable for all apertures with symbol display, red-free filter, blue filter and polarization filter
- **31826 XENON L1/L2/L3 OPHTHALMOSCOPE BULB 3,5 V - spare**
- **31834 RI-SCOPE L2 LED OTOSCOPE + L2 XENON OPHTHALMOSCOPE 3.5 V - C handle**
- **31841 "C" SIZE Li-ion BATTERY**
- **31840 RI-CHARGER L 230 V**



Table recharge station (with wall holder) recharge 2 "C" handles with Li-ion batteries.

GIMA OTOSCOPES: PARKER LINE

VETERINARY OTOSCOPES AND SETS SEE PAGE 370



PARKER OTOSCOPES

- reliable and indestructible high quality instrument
- suitable for everyday ear nose and throat examinations
- easily adjustable 2.5 V vacuum light (made in Germany)
- quality 3 times magnifying lens
- available with Plug in and snap (bayonet locking) or knurled screw type otoscope heads
- ideal for pneumatic tympanic membrane tests, can also be used for rhinoscopic examinations
- supplied with 3 autoclavable ear funnels in a colour coordinated zip bag.
- All latex free.
- require 2xC batteries (not included) 31542
- 31441 also works with rechargeable battery



code	PARKER OTOSCOPES	Connection system	Ear Funnels
31435	Parker colour - green	Bayonet	Ø 2.5, 3.5, 4.5 mm
31436	Parker colour - blue	Bayonet	Ø 2.5, 3.5, 4.5 mm
31437	Parker colour - yellow	Bayonet	Ø 2.5, 3.5, 4.5 mm
31440	Parker - black	Screw	Ø 2.5, 3.5, 4.5 mm
31441	Parker with rechargeable handle	Bayonet	Ø 2.5, 3.5, 4.5 mm
31442	Parker veterinary - black	Screw	Ø 4, 5, 7 mm
31449	Spare bulb 2.5 V for Parker otoscopes 31435-6-7,31440-1-2		
31542	Charging station for 31441		
34467	Rechargeable Li-ion battery 2.5 V / 2,200 mAh		

PARKER DIAGNOSTIC SETS

- **31471 PARKER DIAGNOSTIC SET**
Lightweight, semi rigid nylon case with one Parker otoscope 2.5 V with rechargeable handle, 3 autoclavable ear speculum (Ø 2.5, 3.5 and 4.5 mm), 2 laryngeal mirrors (size 3 and 4), bent arm throat lamp, tongue spatula, adjustable nasal speculum.
- **31473 PARKER LARGE SET WITH OPHTHALMO**
Same as code 31471 with an ophthalmoscope head, support for single use tongue depressors and 2 tubes of single use specula.
- **31446 VACUUM BULB FOR OPHTHALMOSCOPE**
- **31449 VACUUM BULB FOR OTOSCOPE**
- **32203 "C" ALKALINE BATTERIES** - blister of 2 pcs
- **34467 RECHARGEABLE LI-ION BATTERY 2.5 V** - needs 31542



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 (2xAAA).
- **32200 "AAA" ALKALINE BATTERIES** - blister of 4 pcs
- **31345 REUSABLE EAR SPECULUM 2.0 mm** - bag of 25
- **31346 REUSABLE EAR SPECULUM 4.0 mm** - bag of 25



XENON-HALOGEN OTO AND OPHTHALMOSCOPE SET



Rechargeable handle for use with 2xC batteries or rechargeable battery (34467)

31475

- **31475 XENON-HALOGEN PARKER OTOSCOPE**
Same as PARKER Otoscope code 31440 but with halogen 2.5V bulb, and bayonet connection system. Supplied with 3 autoclavable ear funnels in a soft bag. Requires 2xC batteries (not included) or rechargeable battery.
- **31474 HALOGEN OPERATIVE PARKER OTOSCOPE**
Same as 31475 but with operative head.
- **31476 HALOGEN PARKER OPHTHALMOSCOPE**
2.5V halogen light for true tissue colour and consistent, long lasting illumination
24 colour coded lenses -25 to +40 dioptres for excellent resolution (green for +, red for -). Rubber eye brow rest to prevent scratching of eye-glasses. Illumination lens dial for clear identification of dioptre setting.
- **31477 HALOGEN OTO-OPHTHALMOSCOPE PARKER SET**
Diagnostic set including one handle, one halogen otoscope head and one halogen ophthalmoscope head, all in a plastic case.
- **31478 XENON-HALOGEN BULB FOR OTOSCOPE 2.5V**
- **31479 XENON-HALOGEN BULB FOR OPHTHALMOSCOPE 2.5V**
- **34467 RECHARGEABLE LI-ION BATTERY 2.5 V / 2,200 mAh**
- **31542 CHARGING STATION**
- **32203 "C" ALKALINE BATTERIES - blister of 2 pcs**



Supplied in a semi-rigid nylon bag with multilingual box and manual (GB, FR, IT, ES, PT, DE, GR, Arabic)

31476



31474



31477

All products are latex free.



+	1, 2, 3, 4, 5, 6, 8, 10, 12, 15, 20, 40
-	1, 2, 3, 4, 5, 6, 8, 10, 15, 20, 25

XENON-HALOGEN DIAGNOSTIC SETS IN RIGID CASES

- **31480 XENON-HALOGEN DIAGNOSTIC SET - 3.5 V**
- **31482 XENON-HALOGEN OPERATIVE DIAGNOSTIC SET - 3.5 V**
Both xenon-halogen sets are supplied in plastic rigid case containing: one rechargeable handle, one otoscope head (operative for code 31482) one ophthalmoscope head, 3 autoclavable speculum Ø 2.5, 3.5, 4.5 mm, two laryngeal mirrors (size 3 and 4), adjustable nasal speculum, bent throat lamp, tongue spatula. Should be used with 31541 + 31542.
- **31427 XENON-HALOGEN OTOSCOPE BULB 3.5V**
- **31428 XENON-HALOGEN OPHTHALMO BULB 3.5V**
- **31542 CHARGING STATION - 100-240 V - 50/60 Hz**
See details at page 327.
- **31541 RE-CHARGEABLE LI-ION BATTERY 3.5V***
*For handles sold after may 2013



Operative otoscope head



31542



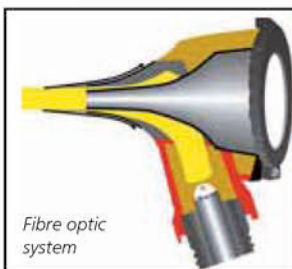
31480

FIBRE OPTIC XENON-HALOGEN OTOSCOPES

- **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**



Insufflation adapter



Fibre optic system



31521

31522

31520




DISPOSABLE EAR-SPECULUM FOR "TRADITIONAL" OTOSCOPES

code	DISPOSABLE EAR - SPECULUM FOR OTOSCOPES OF DIFFERENT BRANDS	Colour	To be used with	Minimum order
31313	Disposable ear-speculum Ø 2.5 mm	■	} Gowllands (with connector 31316) } Riester (some models) } Gowllands	box of 200 pcs. box of 200 pcs.
31315	Disposable ear-speculum Ø 4 mm	■		
31316	Connector for 31313-31315	■		
31504	Disposable ear-speculum Ø 2.5 mm	■	} Heine Beta 100, K100 and Eurolight, } Kawe C10, C30, Combilight C10	box of 1000 pcs. (20 pack of 50) box of 1000 pcs. (20 pack of 50)
31505	Disposable ear-speculum Ø 4 mm	■		
31506	Disposable ear-speculum Ø 2.5 mm	■	} Riester: Ri-star	dispenser of 250 pcs. dispenser of 250 pcs.
31507	Disposable ear-speculum Ø 4 mm	■		
31508	Disposable ear-speculum Ø 2.5 mm	■	} Welch Allyn: Pocket-pro; Pocket scope } Series 200, 250	dispenser of 250 pcs. dispenser of 250 pcs.
31509	Disposable ear-speculum Ø 4 mm	■		

 <p>Suitable for RIESTER GOWLLANDS</p> <p>31316 31313 31315</p>	 <p>Suitable for HEINE</p> <p>31504-31505</p>	 <p>Suitable for RIESTER</p> <p>31506-31507</p>	 <p>Suitable for WELCH-ALLYN</p> <p>31508-31509</p>
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WELCH-ALLYN KLEENSPEC DISPOSABLE EAR SPECULUM

code	WELCH-ALLYN KLEENSPEC Disposable ear-speculum	Colour	To be used with	Minimum order	
72570	Kleenspec ear-speculum Ø 3 mm	■	} Welch-Allyn 20100, 20200 } 20202, 21600, 21700	box of 100 (4 packs of 25 pcs.) box of 100 (4 packs of 25 pcs.)	72570 72571
72571	Kleenspec ear-speculum Ø 4 mm	■			
32105	Kleenspec ear-speculum Ø 2.75 mm	■	} Welch-Allyn, Macroview } Riester Ri-scope L2, L3	box of 850 box of 850	
32106	Kleenspec ear-speculum Ø 4.25 mm	■			

ALKALINE, LITHIUM AND ZINC-AIR "ACOUSTIC" BATTERIES

 <p>32200</p>	 <p>32201</p>	 <p>32203</p>	 <p>32202</p>	 <p>32211</p>	 <p>32220</p>	 <p>32221</p>
FOR GENERAL USE APPLICATIONS				FOR ELECTRONIC	FOR ACOUSTIC	

code	VARTA ALKALINE HIGH ENERGY BATTERIES	Type	Blister
32200	Varta ministilo H.E. - alkaline	AAA	4 pcs.
32201	Varta stilo H.E. - alkaline	AA	4 pcs.
32203	Varta half torch H.E. - alkaline	C	2 pcs.
32204	Varta torch H.E. - alkaline	D	2 pcs.
32205	Varta 9V H.E. - alkaline	9V	1 pc.

code	VARTA ENERGY ALKALINE BATTERIES - BULK	Type	Box
32202	Varta Energy Stilo - alkaline	AA	24 pcs.




code	VARTA LITHIUM BATTERIES - BUTTON	Blister
32210	Varta 2016 - lithium button	1 pc.
32211	Varta 2025 - lithium button	1 pc.
32212	Varta 2032 - lithium button	1 pc.

code	RAYOVAC ZINC-AIR "ACOUSTIC BATTERIES" - mercury free	Blister
32220	Rayovac 675 - zinc air - acoustic	6 pcs.
32221	Rayovac 13 - zinc air - acoustic	6 pcs.
32222	Rayovac 312 - zinc air - acoustic	6 pcs.
32223	Rayovac 10 - zinc air - acoustic	6 pcs.

RECHARGEABLE BATTERIES AND CHARGERS

code	VARTA POWER PLAY RECHARGEABLE BATTERIES	Type	Blister
32235	Varta ministilo - 1000 mAh	AAA	2 pcs.
32236	Varta stilo - 2400 mAh	AA	4 pcs.

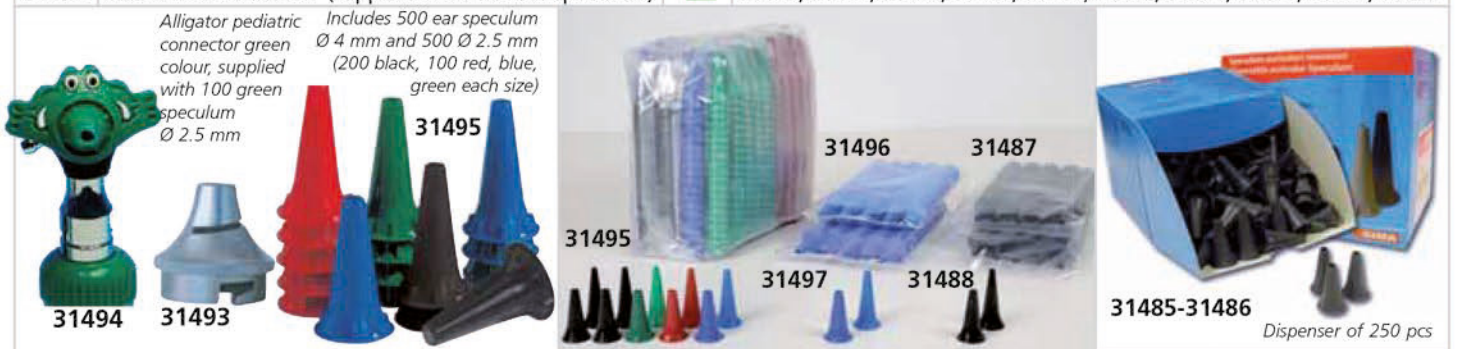
code	CHARGERS FOR ANY BRAND	Power supply	Sizes mm	Weight g	To be used with:	Recharging time	Supplied with:	12V+USB adaptor
32241	Universal charger	100 - 240 V	172x109x53	403	AAA, AA, C, D, 9C	5 h	-	no
32242	LCD charger	110 - 240 V	120x230x75	359	AAA, AA	2-4 h	4AA	yes

 <p>32236</p>	 <p>32242</p>	 <p>32241</p>
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GIMA DISPOSABLE EAR-SPECULUM FOR MINI OTOSCOPES OF DIFFERENT BRANDS

code	GIMA DISPOSABLE SPECULUM FOR MINI OTOSCOPES - LATEX FREE	Colour	Compatibility		Minimum order
			Direct fit	Fit with connector 31493	
31485	Disposable Mini ear-speculum Ø 2.5 mm - grey	Grey	Gima 31520-22, 31525-26, 31535, 31545 Heine mini 2000, 3000, K180/Beta 200 Riester Ri-Mini, Ri-scope L1-L2, E-scope, Pen-scope Kawe (Picolight, Combilight F030, Eurolight F030) Holtex Colson Luxamed	Gima: 31435-37, 31440-42, 31471, 31473, 31475, 31477, 31480, 31493	dispenser of 250 dispenser of 250 dispenser of 250 dispenser of 250 pack of 100 box of 1,000 pack of 100 pack of 100 pack of 100 -
31486	Disposable Mini ear-speculum Ø 4 mm - grey	Grey			
31487	Disposable Mini ear-speculum Ø 2.5 mm - black	Black			
31488	Disposable Mini ear-speculum Ø 4 mm - black	Black			
31491	Disposable Mini ear-speculum Ø 2.5 mm - black	Black			
31492	Disposable Mini ear-speculum Ø 4 mm - black	Black			
31495	Disposable Mini ear-speculum mixed colours and Ø	Mixed			
31496	Disposable Mini ear-speculum Ø 2.5 mm - blue	Blue			
31497	Disposable Mini ear-speculum Ø 4 mm - blue	Blue			
31498	Disposable Mini ear-speculum Ø 2.5 mm - green	Green			
31499	Disposable Mini ear-speculum Ø 4 mm - green	Green			

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



HEINE DISPOSABLE MINI EAR-SPECULUM



code	HEINE DISPOSABLE MINI EAR SPECULUM*	Minimum order
31501	HEINE dispenser for mini speculum - empty	-
31502	HEINE disposable Allspec® speculum Ø 2.5 mm - grey	dispenser of 250
31503	HEINE disposable Allspec® speculum Ø 4 mm - grey	dispenser of 250
31515	HEINE disposable Allspec® speculum Ø 2.5 mm - grey	box of 1,000
31516	HEINE disposable Allspec® speculum Ø 4 mm - grey	box of 1,000

*Compatible with Heine Mini 2000/3000 K180, Beta 200

RIESTER AUTOCLAVABLE MINI EAR-SPECULUM

Compatible with Ri-scope L1, L2, E-scope, Ri-mini, Pen-scope

code	AUTOCLAVABLE MINI EAR SPECULUM	Colour	Minimum order
31817	Riester ear speculum Ø 2,5 mm - black	Black	box of 10 pcs.
31819	Riester ear speculum Ø 4 mm - black	Black	box of 10 pcs.

REUSABLE CANNULAS AND EAR SPECULUM

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

Gima autoclavable ear speculum 31447, 31448, 31451 features:
 - made from resilient thermoplastic material
 - smooth and shiny surface ensure easy cleaning
 - Metallic bayonet lock for positive fit to otoscope
 - autoclavable at 134°C



OTOSCILLO® ELECTRICAL IRRIGATION DEVICE

- 25815 OTOSCILLO®
- 25800 PROFESSIONAL OTOSCILLO®

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

Anywhere, anytime

Otosillo® 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, Otosillo® is particularly adapted to the treatment of sensitive ear canals. It looks less alarming and it is easier to use, with greater accuracy and security, than the alternatives. The water basin is removable to allow easy filling and emptying. Can be mounted on a wall (only 25815) or a cupboard.

Professional Otosillo® 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



Removable tips

Manual in GB, FR, DE, IT, ES.



Made in Germany

Water temperature control system

25815

Otosillo is supplied with applicator set (1 long nozzle, 1 short nozzle, 1 splash guard) carrying handle and temperature test card

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



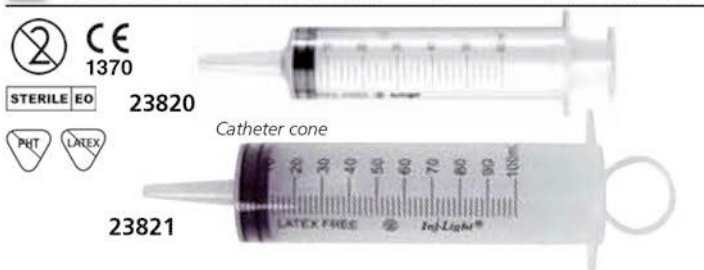
GLASS-METAL JANET RECORD SYRINGES
High quality, reliable and accurate glass-metal syringes. Janet Record come complete with 2 cannulas, one conical, one oval. Individually packed in cardboard box. Made in Germany.

code	GLASS-METAL SYRINGES COMPLETE WITH 2 CANNULAS
25801	Janet Record 50 cc - 13 x Ø 3.5 cm
25802	Janet Record 100 cc - 14 x Ø 4.7 cm
25803	Janet Record 200 cc
25804	Spare cannula for Janet Record (conical shape)
25805	Spare cannula for Janet Record (olive shape)

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

code	ALL-METAL SYRINGES COMPLETE WITH 3 CANNULAS AND EAR BOWL
25806	Schimmelbusch 50 cc
25807	Schimmelbusch 100 cc
25808	Schimmelbusch 200 cc
25809	Spare cannula for Schimmelbusch (conical shape)
25812	Spare cannula for Schimmelbusch (olive shape) small
25813	Spare cannula for Schimmelbusch (olive shape) large

HIGH CAPACITY POLYPROPYLENE SYRINGES



CE 1370

STERILE EO 23820



Catheter cone

23821

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.

code	HIGH CAPACITY, POLYPROPYLENE SYRINGES STERILE - CATHETER CONE	Minimum order
23820	Syringe 60 ml	box of 20
23821	Syringe 100 ml	box of 25



OTOCLEAR® EAR IRRIGATION SYSTEM

Kit includes:
1 spray wash bottle
20 otoclear tips
1 ear basin



25858



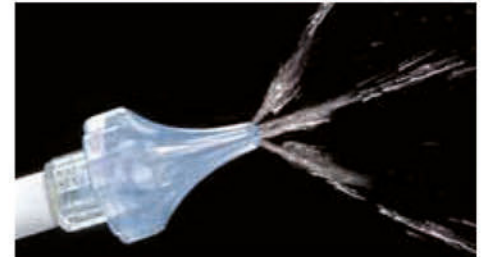
- 25858 OTOCLEAR EAR SPRAY WASH
- manual, intermittent lavage
- delivers greater volume compared to syringes or other manual devices
- efficient design allows for two handed procedure

- 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

Thermometer for water temperature



Improved patient comfort thanks to the soft "gentle touch" design



Patented 3-stream action

LOOP-SPOON EAR CURETTES

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

31470



Loop side Spoon side

BIONIX EAR CURETTES

FLEXLOOP:
For normal currettage
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

The complete cerumen management system

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



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

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

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

Disposability: Ear currettes 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 currettes (8 FlexLoop and 7 of each of below other 6 tip styles) + LED illuminator + magnification lens



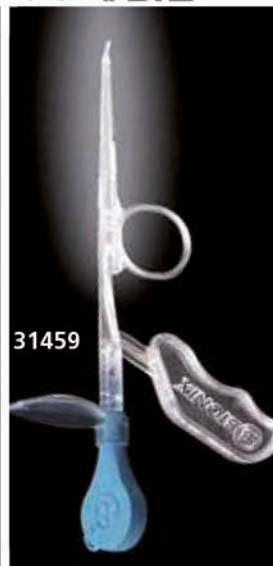
 MicroLoop® 3 mm diameter loop	 FlexLoop® 4 mm diameter tip
 InfantScoop® 2 mm diameter tip	 AngleLoop® Angled 4 mm diameter loop
 WaveCurette™ new wave like 2.5 mm tip	 VersaLoop® 3 mm wide tip
 CeraSpoon® 4 mm wide tip	

Scan QR code with your web enabled camera phone to see Video



31458

Lighted forceps for foreign body removal with LED illuminator



31459

Lighted ear currette 3 mm tip with LED illuminator

- 31461 KIT MICROLOOP
- 31463 KIT FLEXLOOP
- 31465 KIT INFANTSCOOP
- 31466 KIT ANGLELOOP
- 31468 KIT VERSALOOP

All kits are composed by 50 lighted currettes + LED light source + magnification lens

- 31458 LIGHTED FORCEPS - box of 10 + magnification lens + LED illuminator
- 31459 LIGHTED ARTICULATING CURETTES - box of 25 + magnification lens + LED light source

Ear currette tip has a 90° range of motion. It articulates to assist in removal of cerumen from the ear canal



WOOD TONGUE DEPRESSORS



PERSONALIZATION
minimum: 100,000 pieces
ask for leaflet

25511

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.

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



Wooden medical tongue depressors made of quality birch wood. Edges accurately finished. Size: 150x18x1.6 mm Made in PRC.

code	WOOD TONGUE DEPRESSORS NON-STERILE
25509	Tongue depressor - box of 100
25510	Tongue depressor - box of 5,000 (50 boxes of 100 pcs)

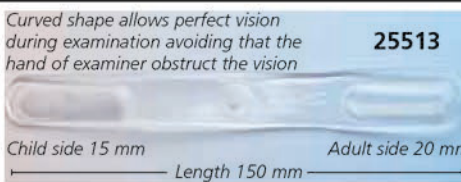
PLASTIC TONGUE DEPRESSORS



Multilanguage box: GB, FR, IT, ES, DE, PT, GR, Arab

• 25505 PLASTIC COLOURED TONGUE DEPRESSORS

Plastic tongue depressor animal shaped with bright colour. Each tongue depressor is individually packed in transparent pouch. Packed in box of 50 pieces.



Curved shape allows perfect vision during examination avoiding that the hand of examiner obstruct the vision

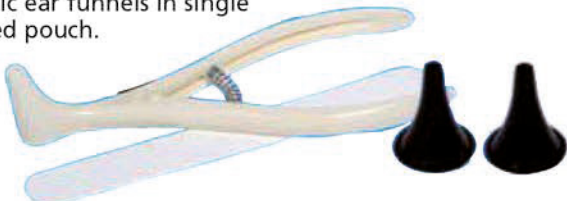
Child side 15 mm Adult side 20 mm
Length 150 mm

PLASTIC TONGUE DEPRESSOR
Translucent tongue depressors made in polystyrene with curved shape and smooth edges. One end in adult size and one end in child size. Latex and PVC free. Sterile model is individually packed in a peel-open pack (ethylene oxide).

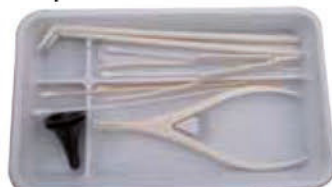
code	PLASTIC TONGUE DEPRESSORS ADULT/PEDIATRIC NON-STERILE	CE
25513	Tongue depressor - box of 100	CE 0120
25515	Tongue depressor - box of 90	CE 0120
25516	Tongue depressor - box of 1,800 (20 boxes of 90 pcs)	CE 0120

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.



CE 0476

CE 0123

THROAT SCOPE®



Blade illuminates the entire mouth

Disposable blade automatically activated when inserted into the handle

Bright white, Led light doubles as a torch

20 hours continuous battery life

One handed operation

Blade grip

Re-usable handle with 3 powerful long life Led lights

25498

• 25498 THROAT SCOPE® KIT

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

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



Simultaneously depresses the tongue and illuminates the mouth

NASAL SPECULUM



31469

The use of stainless steel speculum can be a chilling experience for the patient. Now you can combine patient comfort with effective treatment. Smooth, warm tips make disposable Nasal Speculum more comfortable and less alarming to the patient.

• **31469 DISPOSABLE NASAL SPECULUM** - box of 48
Innovative plastic, disposable nasal speculum with handle: allows superior view of nasal cavity. Helps extract foreign objects from nasal cavity. Facilitates packaging of cauterizing of bleeding noses. Latex free.



CE 31469

WELCH ALLYN HALOGEN PROFESSIONAL PENLIGHT

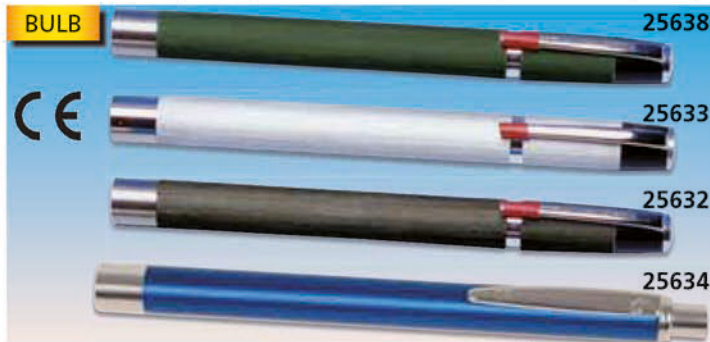
- 25622 W.A. HALOGEN PENLIGHT with 2 x AAA batteries
Bright white halogen light.
Durable solid brass construction.
- 25618 BULB for W.A. PENLIGHT - spare



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.



code	Description	Light	Material	Supplied with batteries	Colour	Origin	on/off by
25632	Argenta torch	bulb	metal	2 x AAA	black	Germany	Pocket clip
25633	Argenta torch	bulb	metal	2 x AAA	silver	Germany	Pocket clip
25638	Argenta torch	bulb	metal	2 x AAA	green	Germany	Pocket clip
25634	Elegance torch	bulb	metal	2 x AAA	blue	Germany	Push button
25440	Nova torch	LED	plastic	2 x AAA	white	Germany	Pocket clip
25442	Argenta torch	LED	metal	2 x AAA	blue	Germany	Pocket clip

BULB OR LED TORCHES PENLIGHTS



code	Description	Light	Material	Supplied with batteries	Colour	Packaging	Origin	on/off by
25626	Alfa torch	bulb	plastic	2 x AAA	blue	Blister	Asia	Pocket clip
25627	Alfa torch	bulb	plastic	2 x AAA	white	Blister	Asia	Pocket clip
25639	Beta torch	bulb	stainless steel	2 x AAA	silver	Plastic case	Asia	Push button
25434	Stylo torch	bulb	metal	2 x AAA	white	Blister	Asia	Push button
25641	Spirit torch	LED	chrome plated brass	2 x AAA	silver	Box	Asia	Pocket clip
25436	Omega Torch	LED	metal	2 x AAA	silver	Plastic case	Asia	Pocket clip
25437	Omega Torch	LED	metal	2 x AAA	gold	Plastic case	Asia	Pocket clip
25624	GIMA torch	LED	metal	2 x AAA	silver	Box	Asia	Push button

DELTA PENLIGHTS WITH TONGUE DEPRESSOR HOLDER

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



- 25625 DELTA "LED" OTOSCOPE PENLIGHT - black
- Same as 25628-9 but with otoscope head, 3 ear funnels and 5 black plastic tongue depressors.
- 31345 REUSABLE EAR SPECULUM 2.0 mm - bag of 25
 - 31346 REUSABLE EAR SPECULUM 4.0 mm - bag of 25



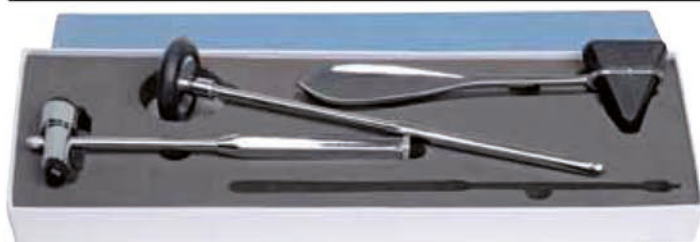
NEUROLOGICAL REFLEX PERCUSSORS - LATEX FREE



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



NEUROLOGICAL KIT



• **31265 NEUROLOGICAL KIT - 3 hammers** 31265
This kit includes 3 metal hammers in a foam box: Taylor hammer, Buck hammer and Babinsky hammer.

MONOFILAMENT - SENSORY EVALUATOR



• **31282 MONOFILAMENT TOOL - sensory evaluator**
Plastic retractable monofilament with 3 spare monofilaments. Evaluates both diminishing and returning sensation (touch test). Examines levels of sensory function and changes in neuro status. Monofilament is calibrated at 10 g. Size: 13x2.5 cm + 4 cm monofilament

• **31281 KIT OF 3 MONOFILAMENTS - spare**



THERMO FEEL

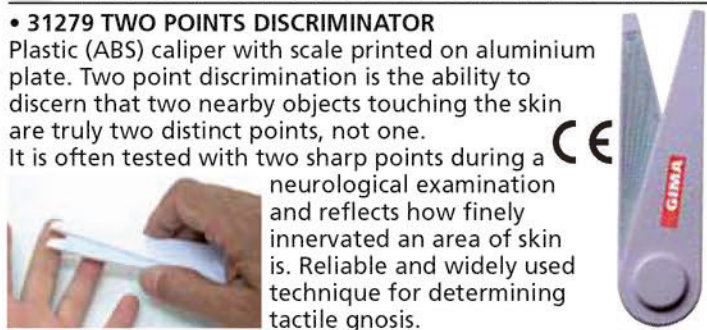
• **31278 THERMO FEEL**
Useful tool for diagnosis of neuropathy in diabetes patients. Both sides (one stainless steel and one plastic) are alternatively put in contact with foot skin of the patient. Patient perception of cool or warm allows a first diagnosis of diabetes.



TWO POINTS DISCRIMINATOR

• **31279 TWO POINTS DISCRIMINATOR**
Plastic (ABS) caliper with scale printed on aluminium plate. Two point discrimination is the ability to discern that two nearby objects touching the skin are truly two distinct points, not one.

It is often tested with two sharp points during a neurological examination and reflects how finely innervated an area of skin is. Reliable and widely used technique for determining tactile gnosis.

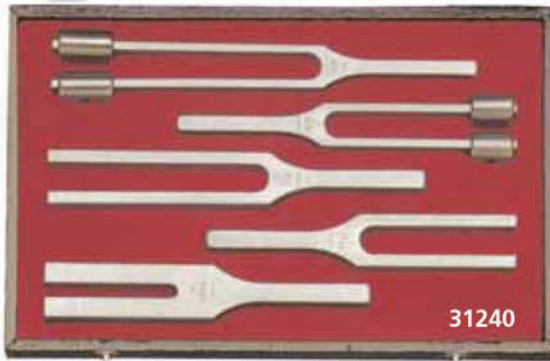


TRIGONAL MONOFILAMENT

• **31277 TRIGONAL MONOFILAMENT**
Trigonal shape diabetic monofilament with 3 different monofilament diameters: 0.4, 0.5 and 0.7 mm



GERMAN-MADE DIAPASONS - TUNING FORKS



ENT TUNING FORKS:

All made in Germany, with age-long craftsmanship experience, in special alloy that ensures maximum sound precision.

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

ENT/NEUROLOGY TUNING FORKS

All made in a special alloy and supplied with base.

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

Neurotone hammer: set of 5 components for a complete neurological examination: percussion hammer + tuning fork 256 Hz with weight + pin + brush. All fitted in a stylish case.



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.

Resting pad for forehead



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.

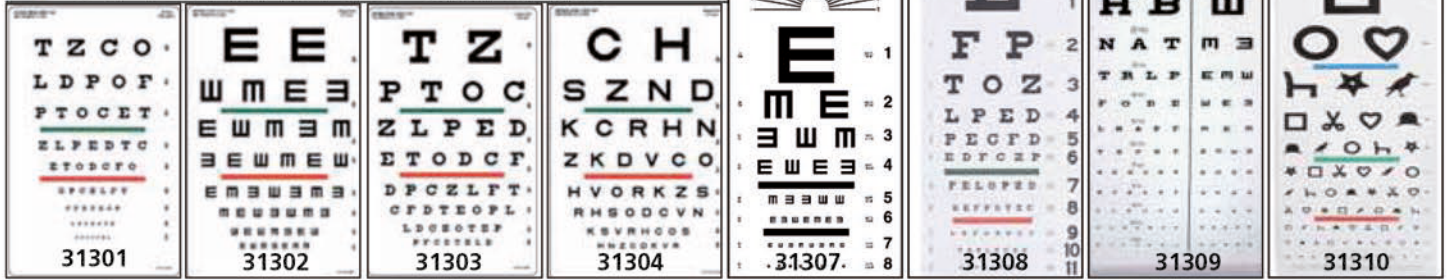


USB VIDEONYSTAGMOSCOPE SYSTEMS

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



OPTOMETRIC CHARTS



code	OPTOMETRIC CHARTS*	Working distance	Size cm
31301	SNELLEN eye chart with red/green bar visual acuity test	10 feet 3 m	23x35.5
31302	TUMBLING "E" colour vision chart-visual acuity screen	20 feet 6.1 m	23x35.5
31303	SNELLEN eye chart for visual acuity and colour vision test	20 feet 6.1 m	23x35.5
31304	SLOAN colour bar visual acuity chart	20 feet 6.1 m	23x35.5
31307	TUMBLING "E" eye chart	20 feet 6.1 m	28x56
31308	TRADITIONAL SNELLEN eye chart	20 feet 6.1 m	28x56
31309	MIXED DECIMAL chart	10 feet 3 m	28x56
31310	EWING illiterate test chart	20 feet 6.1 m	28x56
31311	SLOAN near vision chart (2 sides printed)	16 inches 40 cm	18x23

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

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.

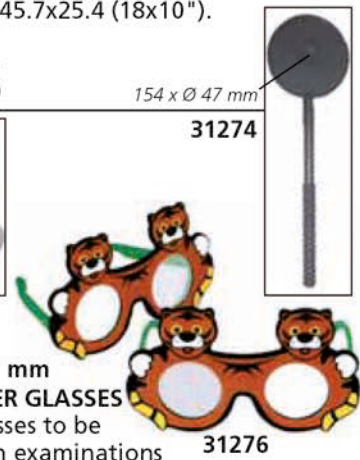
OCCLUDERS



• 31275 EYE OCCLUDER - 170x200x3 mm

• 31274 OCCLUDER - 154 x Ø 47 mm

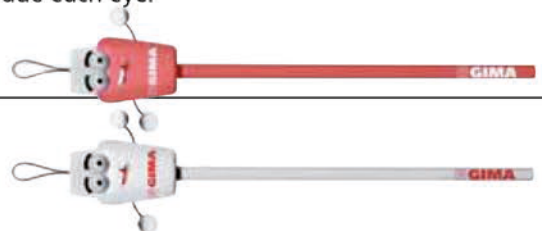
• 31276 FUN FROSTED OCCLUDER GLASSES Set of two tiger fun frosted glasses to be used as occluder during children examinations one to occlude each eye.



OPTOMETRIC PENCILS

• 31319 OPTOMETRIC PENCILS - set of 2 pcs

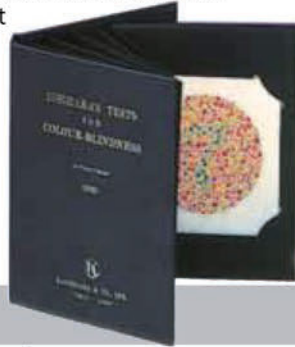
Set of two wooden puppets (red and white) used to capture attention during vision evaluation in young non-verbal children. Can also be used for test of convergence.



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 (protanomalina), and a deutan type which may be absolute (deutanopia) or partial (deutanomalina).



code	ISHIHARA COLOUR TEST
31290	Book of 10 plates for illiterates
31291	Book of 24 plates
31292	Book of 38 plates

STEREOPSIS TESTS

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

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 lea test (500, 250, 125, 63 sec of arc)
- graded circle test now down to 12.5 sec
- answer key on back cover
- includes pair of standard polarised viewers



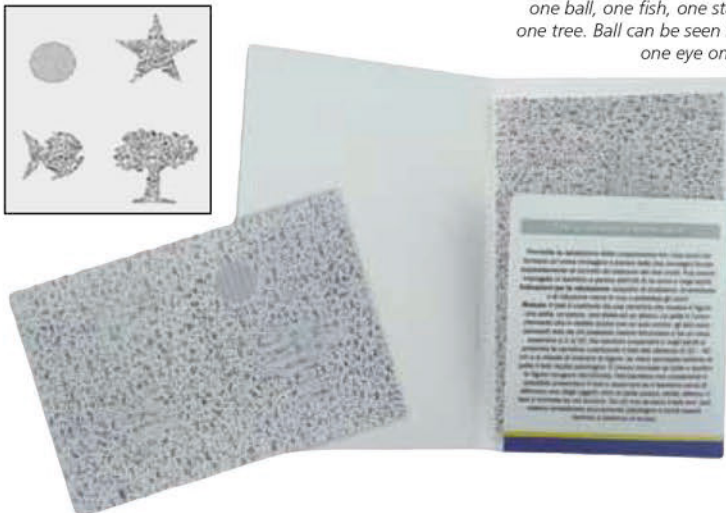
STEREOPTIC TEST

- 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.

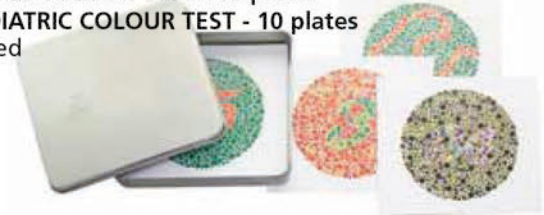
It can be used for children from the age of one year and adults if you suspect strabismus, amblyopia or visual reduction of one or both eyes.

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.

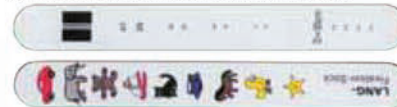


LANG STEREO TEST

- 31294 LANG STEREO TEST I
- 31295 LANG STEREO TEST 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.



- 31296 LANG FIXATION STICK

- 31297  • 31297 LANG FIXATION CUBE - white

- 31298  • 31298 LANG FIXATION CUBE - red

SCHIÖTZ TONOMETER

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

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

Vital parts are made of stainless steel. High quality agate bearing for extremely long service life.

Set 3 weights included (5.5-7.5-10 g). Scale specification 5. In black deluxe case with velvet-look inserts.

Perfect reading of the scale with red pointer. Made in Germany.

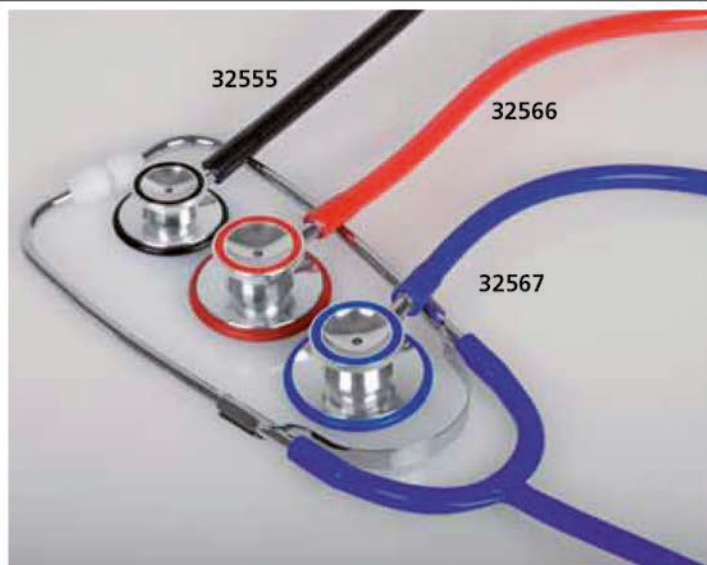


31220 straight



31222 inclined

TRAD STETHOSCOPES - GOOD VALUE FOR MONEY



TRAD STETHOSCOPES: adult, pediatric
 Traditional aluminium stethoscopes, lightweight and reliable.
 Chestpiece diaphragm Ø 43.5 mm (Ø 35 for pediatric model), bell Ø 30 mm (Ø 26.5 for pediatric model) external sizes.
 Brass binaural, non chill ring.
 Tubing: length 62 cm, int. Ø 4 mm, ext. Ø 8 mm.
 Supplied in cardboard box. Manual and box in 11 languages: GB, FR, IT, ES, DE, PT, GR, PL, HU, SE, Arabic.



code	TRAD STETHOSCOPES - LATEX FREE	
32557	TRAD single head - pediatric - pink	
32559	TRAD single head - pediatric - light blue	
32555	TRAD double head - pediatric - black	
32560	TRAD single head - black	
32561	TRAD single head - red	
32562	TRAD single head - blue	
32563	TRAD single head - yellow	
32564	TRAD single head - purple	
32558	TRAD single head - dark green	
32565	TRAD double head - black	
32566	TRAD double head - red	
32567	TRAD double head - blue	
32568	TRAD double head - dark green	
32678	Diaphragm Ø 44 mm - spare	

COVERS FOR STETHO

code	COVERS FOR STETHOSCOPES*	
32653	Pig cover for stethoscopes	
32654	Dragon cover for stethoscopes	
32652	Cow cover for stethoscopes	

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



SPARE PARTS AND ACCESSORIES FOR STETHOSCOPES

code	QUALITY "Y" TUBING	Minimum order
32620	"Y" tubing mixed colours	box of 20
32621	"Y" tubing - black	box of 20
32622	"Y" tubing - green	box of 20
32623	"Y" tubing - blue	box of 20
32624	"Y" tubing - red	box of 20
32625	"Y" tubing - orange	box of 20
32626	"Y" tubing - light blue	box of 20
32627	"Y" tubing - yellow	box of 20
32628	"Y" tubing - purple	box of 20
32629	"Y" tubing - pink	box of 20
32645	"Y" tubing - other colours on request*	box of 20

*Over 20 colours available: frosted green/lilac/blue/mell/pink, lavender, teal, ice blue, grey,...



BINAURAL - DIAPHRAGM - HEADS		
32655	One head chest piece - black ring	10 pcs.
32656	Dual head chest piece - black ring	10 pcs.
32665	SNOWDEN binaural - folding	10 pcs.
32666	BERTA binaural - fixed	1
32678	Diaphragm Ø 45mm for Classic adult	10 pcs.

EARTIPS AND ADAPTORS		
32659	Standard eartips - rigid - universal	10 pieces
32663	Mushroom eartips - universal	10 pieces
32664	Rigid eartips screw-type - for Classic, Wan, Yton, Duca, Regalite	10 pieces
32660	Male-female adaptor	10 pieces



WAN STETHOSCOPES - ADULT



WAN ADULT STETHOSCOPES

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

code	WAN STETHOSCOPES - LATEX FREE	
32569	WAN single head adult - black	■
32570	WAN single head adult - blue	■
32571	WAN single head adult - burgundy	■
32572	WAN single head adult - orange	■
32574	WAN double head adult - black	■
32575	WAN double head adult - blue	■
32576	WAN double head adult - burgundy	■
32577	WAN double head adult - orange	■
32678	Diaphragm \varnothing 44 mm - spare	

PEDIATRIC-NEONATAL STETHOSCOPES



WAN PEDIATRIC AND NEONATAL STETHOSCOPES:

Features a chrome-plated zinc-alloy chestpiece, a screw-on plastic retaining ring, outer spring binaural and colour matched moulded PVC tubing with non-chill ring. Assure optimum acoustic performances. Chestpiece: \varnothing 35 mm, bell \varnothing 30 mm, (pediatric) or \varnothing 22 mm, bell \varnothing 19 mm (neonatal). Tubing length: 63 cm. Supplied in a cardboard box. Manual and box in 11 languages: GB, FR, IT, ES, DE, PT, GR, PL, HU, SE, Arabic.

WAN PLUS:

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

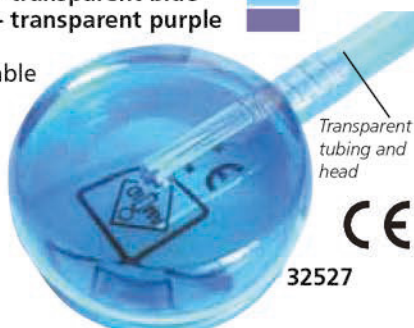
code	WAN STETHOSCOPES - LATEX FREE	
32508	WAN double head neonatal - red	■
32509	WAN double head neonatal - grey	■
32513	WAN double head pediatric - light-blue	■
32515	WAN double head pediatric - red	■
32511	WAN PLUS double head pediatric - pink	■
32506	WAN PLUS double head pediatric - black	■

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:

Chestpiece \varnothing 45 mm, bell \varnothing 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.

code	YTON STETHOSCOPES - LATEX FREE	
32514	Yton single head - green teal colour	■
32530	Yton double head - green teal colour	■



JOTARAP STETHOSCOPE: DOUBLE-HEAD, DOUBLE TUBE



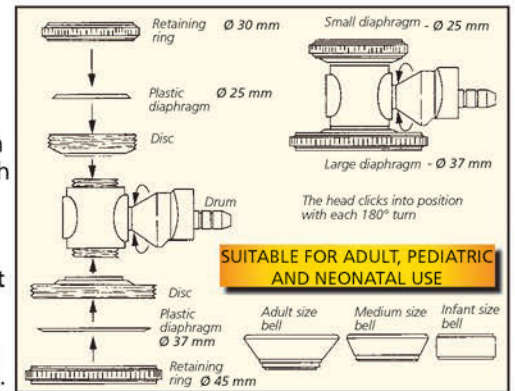
Gima Sprague Rappaport type double-head, double-tube, latex free stethoscope at the price of a standard stethoscope. **5 in 1, five way convertible type stethoscope**
 This convertible stetho, zinc alloy treaded with chrome plated chestpiece drum fitting with different sized chestpieces bells, provides versatile acoustics for infants and adults for the detection of a wide range of heart and lung sounds.

code	JOTARAP STETHOSCOPE	
32579	JOTARAP - purple	
32580	JOTARAP - black	
32581	JOTARAP - blue	
32582	JOTARAP - neon orange	
32583	JOTARAP - green	
32584	JOTARAP - neon yellow	
32585	JOTARAP - light blue	
32586	JOTARAP - fuchsia	
32587	JOTARAP - transparent pink	
32590	ACCESSORY KIT - spare	

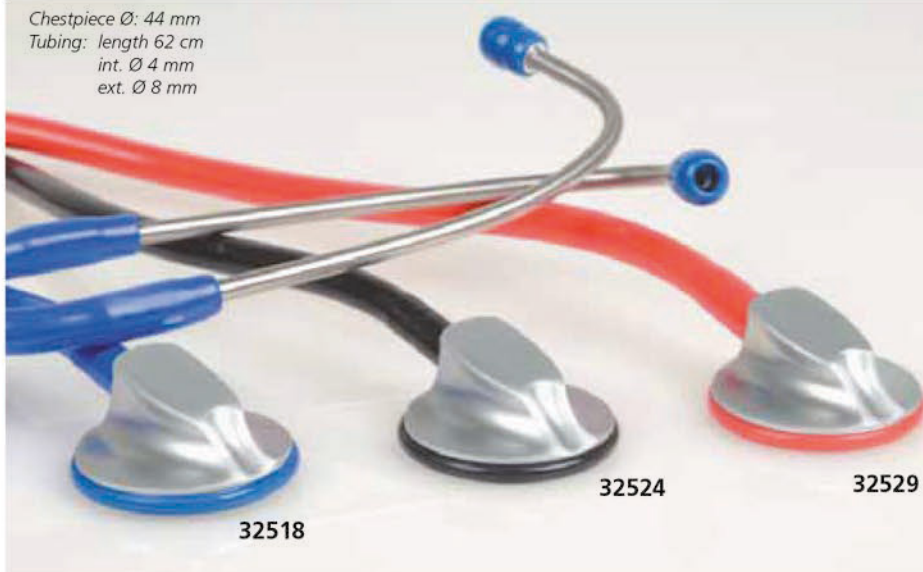
Chestpiece with small and large diaphragm. **Double tubing for individual sound transmission**

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

It is supplied with an accessory pouch containing: 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



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

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

Non-chill diaphragm retaining rim for patient comfort. Stainless steel binaurals fixed at 15° angle for greater comfort and acoustic seal. Soft and flexible PVC tubing. Supplied in deluxe box with one pair of plastic eartips and PVC eartips. Manual and box in 11 languages: GB, FR, IT, ES, DE, PT, GR, PL, HU, SE, Arabic.



CARDIOLOGY STETHOSCOPES

- 32550 CARDIOLOGY CLASSIC STETHOSCOPE - blue
 - 32551 CARDIOLOGY CLASSIC STETHOSCOPE - burgundy
 - 32552 CARDIOLOGY CLASSIC STETHOSCOPE - black
- Cardiology Classic offers acoustical excellence in a traditional design with superior durability. Its innovative features include:
- stainless steel chestpiece (diameter 33-44 mm) with extra deep cone-shaped bell for a superb low frequency response
 - stainless steel double inner spring binaural
 - ultra-sensitive diaphragm for unsurpassed amplification
 - durable, elegantly moulded 55.5 cm (22") PVC tubing (int. Ø 6.5 mm, ext. Ø 12 mm)
- Manual and box in 11 languages: GB, FR, DE, IT, ES, PT, GR, PL, HU, SE, Arabic.



• 32678 DIAPHRAGM
Ø 44 mm - spare

Colour coordinated
non-chill ring and diaphragm
retaining ring, PVC tubing



32552

It comes in a foam lined box with 2 extra set of PVC eartips

32552

PROFESSIONAL STETHOSCOPE

- 32526 REGALITE - black
- Top quality single head stethoscope. Patented multi-frequency "ring-o-raised™" diaphragm system. Chromed plated chestpiece with "SUPERFLEX" inner spring binaural and 1 piece moulded, latex free, PVC tubing. Supplied in deluxe box, with spare soft eartips and one spare diaphragm. Manual and box in 7 languages: GB, FR, IT, ES, PT, GR, Arabic.



32526



LYNX MULTI-FUNCTIONAL VISUAL STETHOSCOPE

- 32596 LYNX MULTI-FUNCTION STETHOSCOPE with SpO₂ probe, USB cable and adapter
 - 32598 SpO₂ PROBE - spare
- Multi-function visual stethoscope with real time display of ECG waveform, heart rate and pulseoximeter.
- 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



32596



TECHNICAL SPECIFICATIONS	
Heart rate	SpO₂
Measurement range: 30 - 300 bpm	Measurement range: 0% - 100%
Accuracy: ±2 bpm	Accuracy: 70% - 100% ±2%, <70% unspecified
Pulse rate	Other
Measurement range: 30 - 250 bpm	Power supply: Rechargeable lithium battery DC 3.7 V
Accuracy: ±2 bpm or ±2% (select larger)	Display: 2.7" LCD
	Size: 87x63x19 mm

MULTI-FUNCTIONAL VISUAL STETHOSCOPE

- 32597 MULTI-FUNCTION VISUAL STETHOSCOPE with 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



32597



TECHNICAL SPECIFICATIONS		
Stethoscope	Pulse rate	Other
Heart: 20 - 230 Hz	Measuring range: 30 - 250 bpm	Battery: 3.7 V rechargeable lithium battery
Lung: 100 - 800 Hz	Accuracy: ±2 bpm or ±2% (select larger)	Display: 2.4" colour TFT
H&L: 20 - 800 Hz	SpO₂	Size: 110x60x14 mm
Heart rate	Measuring range: 0% - 100%	
Measuring range: 30 - 300 bpm	Accuracy: 70 - 100% (±2%) <70% unspecified	
Accuracy: ±2 bpm		



ACOUSTIC EXCELLENCE DOUBLE HEAD STETHOSCOPES



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

CLASSIC IN 11 COLOURS



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

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

code	CLASSIC DOUBLE HEAD S/S TEACHING STETHOSCOPES
32542	Classic Teaching - black <i>allows simultaneous auscultation by 2 people</i>

code	CLASSIC DOUBLE HEAD S/S STETHOSCOPES - PEDIATRIC
32512	Classic pediatric - light-blue
32516	Classic pediatric - black



RIESTER DUPLEX® 2.0 STETHOSCOPES, SIMPLY BETTER HEARING



RIESTER DUPLEX® 2.0 STAINLESS STEEL STHETOSCOPES
 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.

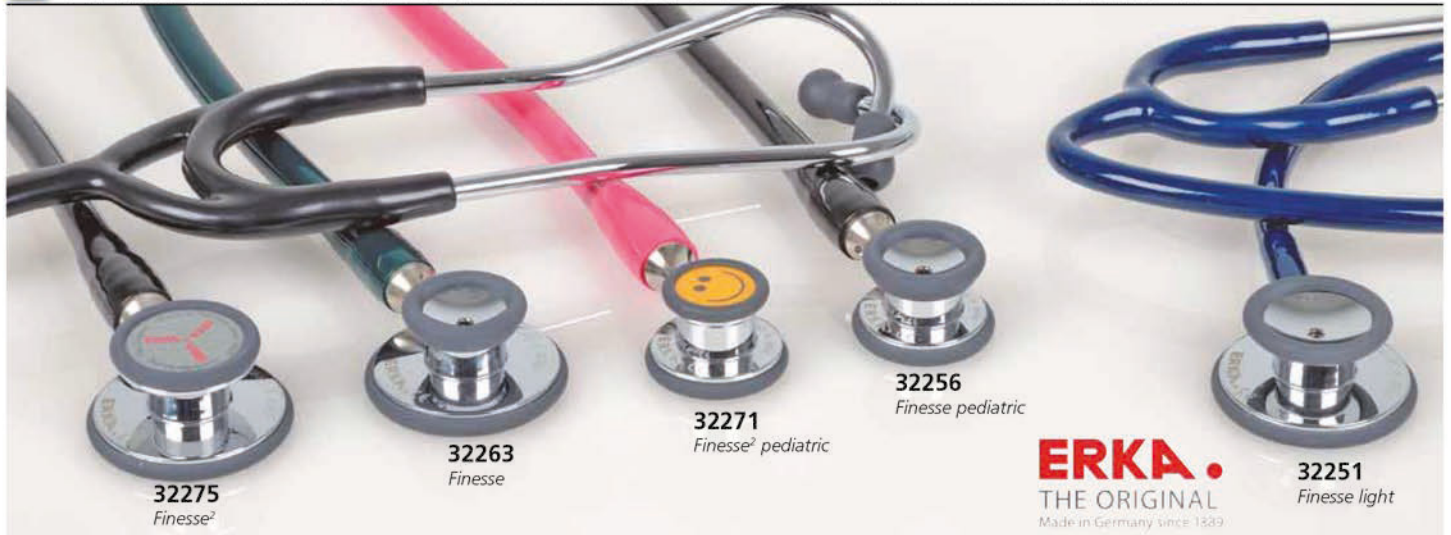
- precision double chest-piece made of stainless steel with innovative membrane support
- anatomically shaped binaural with internal multiple spring for adjusting the contact pressure
- extra-soft, replaceable and pivotable ear-tips for perfect sealing at the ear canal and enhanced wear comfort
- innovative acoustic system with extraordinary auscultation for all frequency ranges

- special membrane for precise acoustics with novel non-chill rims for improved adaptation on the skin
 Supplied with name plate, replacement ear-tips and membrane.

code	Riester code	RIESTER DUPLEX® 2.0 - STAINLESS STEEL - LATEX FREE	Membrane	Length	Weight
32333	4210-01	Duplex® 2.0 - black	Ø 44 mm	74 cm	151 g
32334	4210-02	Duplex® 2.0 - white	Ø 44 mm	74 cm	151 g
32335	4210-03	Duplex® 2.0 - blue	Ø 44 mm	74 cm	151 g
32336	4210-04	Duplex® 2.0 - red	Ø 44 mm	74 cm	151 g
DUPLEX® 2.0 PEDIATRIC					
32338	4220-02	Duplex® 2.0 - white	Ø 32/23.5 mm	69 cm	124 g
DUPLEX® 2.0 NEW-BORN					
32340	4230-02	Duplex® 2.0 - white	Ø 24/17.5 mm	69 cm	105 g



ERKA FINESSE STETHOSCOPES - MADE IN GERMANY



FINESSE STETHOSCOPES

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

FINESSE² STETHOSCOPES

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

All Erka stethoscopes are supplied with carrying bag



FEATURES	Finesse Light	Finesse Finesse ²
Pre-tensioned ERKA. convex membrane provides excellent resonance and sound.	X	X
Non-chill ring ensures highest patient comfort.		X
Superior polish, chromium-plated, non-porous surface and brass chest-piece ensure perfect surface hygiene.	X	X
Two internal channels run parallel in the stethoscope tubing preventing any noise caused by friction of two separate tubes.		X
Through the separately integrated spring in the tube, there is no acoustic loss from the chest-piece to the ear.		X
Ergonomic design and super soft tips provide excellent acoustic seal against external noise interference and maximize user's comfort.	X	X
Standard 15° inclined binaurals can be individually adapted to the specific ear canal of the user.	X	X

code	ERKA code	ERKA STETHOSCOPES - tubing length - 55 cm
FINESSE LIGHT ADULT - head Ø 44.5/33.5 mm		
32250	520 000 00	■ Finesse light - black
32251	520 000 20	■ Finesse light - navy blue
32252	520 000 55	■ Finesse light - dark green
FINESSE PEDIATRIC - head Ø 31/26.5 mm		
32256	549 000 00	■ Finesse pediatric - black
32257	549 000 25	■ Finesse pediatric - light blue
32258	549 000 35	■ Finesse pediatric - pink
FINESSE ADULT - head Ø 44.5/33.5 mm		
32262	550 000 00	■ Finesse adult - black
32263	550 000 05	■ Finesse adult - dark grey
32264	550 000 20	■ Finesse adult - navy blue
32265	550 000 55	■ Finesse adult - dark green
32266	550 000 60	■ Finesse adult - burgundy
FINESSE² PEDIATRIC - head Ø 30/21.3 mm		
32270	536 000 00	■ Finesse ² pediatric - black
32271	536 000 35	■ Finesse ² pediatric - pink
FINESSE² ADULT - head Ø 47/30 mm		
32275	535 000 00	■ Finesse ² adult - black
32276	535 000 05	■ Finesse ² adult - dark grey
32277	535 000 20	■ Finesse ² adult - navy blue

ERKAPHON STETHOSCOPES - MADE IN GERMANY



Stethoscope with double chest piece is switchable from membrane to bell function. The membrane side is suitable for the auscultation of high and low frequency sounds while the bell side is designed for cardiac impulses.

ERKAPHON STETHOSCOPES:

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

All stethoscopes are equipped with 56 cm long Y tube, brass chrome-plated binaural and chest-piece (32350, 32358) or aluminium (32344-7), membrane Ø 44 mm, bell Ø 30 mm (32358 only).

code	ERKA code	ERKAPHON STETHOSCOPES
ERKAPHON FLAT CHESTPIECE - aluminium		
32344	544 000 10	Erkaphon flat chestpiece - black
32345	544 000 20	Erkaphon flat chestpiece - navy blue
32346	544 000 25	Erkaphon flat chestpiece - light blue
32347	544 000 30	Erkaphon flat chestpiece - red
ERKAPHON FLAT CHESTPIECE - chromed		
32350	543 000 10	Erkaphon flat chestpiece - black
ERKAPHON DOUBLE CHESTPIECE - chromed		
32358	541 000 10	Erkaphon double chestpiece - black

3M™ LITTMANN® STETHOSCOPES USER GUIDE

LITTMANN STETHOSCOPES

3M Littmann stethoscopes offer exceptional acoustic features. Each model has been created for a specific professional need.

The following guide will allow customers to select the model more suitable to his profession and preferred colour.

OCCUPATION	Lightweight		Classic				Cardiology			Electronic
	Lightweight	Select	Master Classic II	Classic III	Classic II SE	Classic II Paediatric or Infant	Master Cardiology	Cardiology IV	Cardiology III	3200 3100
Emergency Physician			••	•••	••					
General Practitioner			••	•••	••					•••
Pediatrician			••	•••	••	••				
Medical Student			••	•••	••					
Veterinarian			••	•••	••					
Neurologist			••	•••	••					
Nurse	••	••		•	•					
Cardiologist							••	••	••	•••
Anesthetist							•	••	••	•••
Respiratory Specialist							•	••	••	•••
Internist							•	•	•	•••



3M™ LITTMANN® SELECT

The 3M Littmann® Select Stethoscope is ideal for general examination purposes, including blood pressure measurement. The patented single-sided chestpiece for both low and high frequency sounds offers acoustic clarity.

Head Ø 44 mm

32400



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

*Minimum order 3 pieces

3M™ LITTMANN® LIGHTWEIGHT II

3M Littmann® Stethoscopes Authorized Distributor

Lightweight only 118 g

Headset made of aerospace alloy

32391



Standard length 71 cm

Tunable diaphragm for easy low and high frequency monitoring

code	3M code	3M™ LITTMANN® LIGHTWEIGHT II S.E.
32389	2452	Littmann® Lightweight II S.E. - caribbean blue
32390	2450	Littmann® Lightweight II S.E. - black
32391	2451	Littmann® Lightweight II S.E. - burgundy
32392	2454	Littmann® Lightweight II S.E. - ceil blue
32393	2453	Littmann® Lightweight II S.E. - lilac
32394	2455	Littmann® Lightweight II S.E. - metal green
32395		Littmann® Lightweight II S.E. - colour on request*

*Minimum order 3 pieces

3M™ LITTMANN® MASTER CLASSIC II

OTHER COLOURS ON REQUEST AVAILABLE IN 20 DAYS



MASTER CLASSIC II

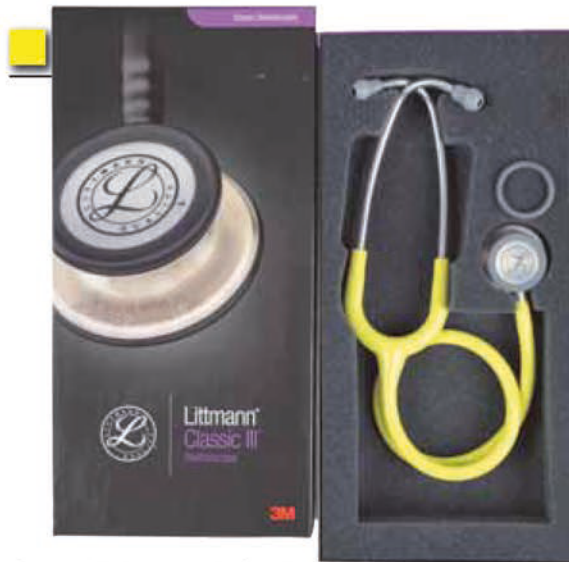


MASTER CLASSIC II BLACK EDITION

code	3M code	3M™ LITTMANN® MASTER CLASSIC STETHOSCOPES length 69 cm - head Ø 44 mm
32425	2146	Littmann® Master Classic II - burgundy
32426	2144L	Littmann® Master Classic II - black
32427	2147	Littmann® Master Classic II - navy blue
32364	2630	Littmann® Master Classic II - caribbean blue
32366	2633	Littmann® Master Classic II - ceil blue
32367	2632	Littmann® Master Classic II - violet
32471	2141	Littmann® Master Classic II - "black edition"
32365		Littmann® Master Classic II - colour on request



3M™ LITTMANN® CLASSIC III STETHOSCOPES



The 3M™ Littmann® Classic III™ Stethoscope offers high acoustic sensitivity for exceptional performance when doing general physical assessments. It features dual tunable diaphragms and updated design.

- high acoustic sensitivity
- dual single-piece tunable diaphragms (pressure sensitive)
- versatile adult and pediatric two-sides chestpiece
- small-side diaphragm prevents debris in open bell
- snap tight soft-sealing eartips
- next generation longer-life tubing
- small side converts to open bell



Authorized Distributor

CLASSIC III - RASPBERRY - RAINBOW FINISH

code	3M code	3M™ LITTMANN® STETHOSCOPES - length 69 cm
CLASSIC III - head Ø 43/33 mm		
32290	5620	■ Littmann® Classic III - black
32291	5622	■ Littmann® Classic III - navy blue
32292	5626	■ Littmann® Classic III - raspberry
32293	5627	■ Littmann® Classic III - burgundy
32294	5639	■ Littmann® Classic III - rose pink
32295	5832	■ Littmann® Classic III - lavender
32296	5835	■ Littmann® Classic III - turquoise
32297	5839	■ Littmann® Classic III - lemon - lime
32298	5840	■ Littmann® Classic III - emerald
32299	5621	■ Littmann® Classic III - grey
32300	5623	■ Littmann® Classic III - caribbean blue
32301	5624	■ Littmann® Classic III - hunter green
32302	5629	■ Littmann® Classic III - orange
32303	5630	■ Littmann® Classic III - ceil blue
32304	5633	■ Littmann® Classic III - pearl pink
32305	5829	■ Littmann® Classic III - lime green
32306	5831	■ Littmann® Classic III - plum
CLASSIC III SPECIAL EDITION - head Ø 43/33 mm		
32308	5870	■ Littmann® Classic III - black - rainbow finish
32309	5871	■ Littmann® Classic III - raspberry - smoke finish
32310	5803	■ Littmann® Classic III - black edition
32311	5809	■ Littmann® Classic III - chocolate - copper finish
32312	5806	■ Littmann® Classic III - raspberry - rainbow finish
32313	5807	■ Littmann® Classic III - caribbean blue - rainbow finish
32314	5811	■ Littmann® Classic III - black - smoke finish
32315	5812	■ Littmann® Classic III - dark olive green - smoke finish
32316	5867	■ Littmann® Classic III - navy blue - black finish
32317	5868	■ Littmann® Classic III - burgundy - black finish
32318	5869	■ Littmann® Classic III - caribbean blue - black finish



3M™ LITTMANN® CLASSIC II STETHOSCOPES



OTHER COLOURS ON REQUEST
Available in 20 days
Please indicate 3M code

**Minimum order 3 pieces*

CLASSIC II INFANT



CLASSIC II PEDIATRIC



CLASSIC II SE



CLASSIC II SE SPECIAL FINISH



code	3M code	3M™ LITTMANN® STETHOSCOPES - length 71 cm
CLASSIC II PEDIATRIC - head Ø 33/25 mm		
32382	2115	■ Littmann® Classic II ped. - pearl pink
32383	2155	■ Littmann® Classic II ped. - orange
32384	2136	■ Littmann® Classic II ped. - royal blue
32385	2123	■ Littmann® Classic II ped. - navy blue
32386	2131	■ Littmann® Classic II ped. - pine green
32404	2113	■ Littmann® Classic II ped. - black
32405	2119	■ Littmann® Classic II ped. - caribbean blue
32406	2113R	■ Littmann® Classic II ped. - red
32407	2122	■ Littmann® Classic II ped. - raspberry
32408	2154	■ Littmann® Classic II ped. - peach
32381	2153	■ Littmann® Classic II ped. - caribbean blue - rainbow finish
32387		■ Littmann® Classic II ped. - colour on request*
CLASSIC II INFANT - head Ø 27/19 mm		
32376	2124	■ Littmann® Classic II infant - caribbean blue
32410	2114	■ Littmann® Classic II infant - black
32411	2114R	■ Littmann® Classic II infant - red
32412	2125	■ Littmann® Classic II infant - raspberry
32380	2157	■ Littmann® Classic II infant - raspberry - rainbow finish
32377	2156	■ Littmann® Classic II infant - royal blue
32378	2179	■ Littmann® Classic II infant - orange
32379	2120	■ Littmann® Classic II infant - pearl pink
32375		■ Littmann® Classic II infant - colour on request*
CLASSIC II S.E. ADULT - head Ø 44/32 mm		
32413	2210	■ Littmann® Classic II S.E. - raspberry
32415	2201	■ Littmann® Classic II S.E. - black
32416	2205	■ Littmann® Classic II S.E. - navy blue
32419	2211	■ Littmann® Classic II S.E. - burgundy
32421	2813	■ Littmann® Classic II S.E. - ceil blue
32481	2822	■ Littmann® Classic II S.E. - peach
32483	2817	■ Littmann® Classic II S.E. - bubblegum - pink
CLASSIC II S.E. SPECIAL FINISH - head Ø 44/32 mm		
32470	2218BE	■ Littmann® Classic II S.E. - black edition

3M™ LITTMANN® CARDIOLOGY IV STETHOSCOPES



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.



code	3M code	3M™ LITTMANN® STETHOSCOPES - length 69 cm
CARDIOLOGY IV - head Ø 43/33 mm		
32606	6152	■ Littmann® Cardiology IV - black
32607	6153	■ Littmann® Cardiology IV - burgundy
32608	6154	■ Littmann® Cardiology IV - navy blue
32609	6155	■ Littmann® Cardiology IV - hunter green
32610	6156	■ Littmann® Cardiology IV - plum
32611	6157	■ Littmann® Cardiology IV - caribbean blue
32612	6158	■ Littmann® Cardiology IV - raspberry
32613	6161	■ Littmann® Cardiology IV - rose pink

code	3M code	3M™ LITTMANN® STETHOSCOPES - length 69 cm
CARDIOLOGY IV SPECIAL FINISHES - head Ø 43/33 mm		
32631	6162	Littmann® Cardiology IV - black - smoke finish
32632	6163	Littmann® Cardiology IV - black edition
32633	6164	Littmann® Cardiology IV - black - brass finish
32634	6165	Littmann® Cardiology IV - black - rainbow finish
32635	6166	Littmann® Cardiology IV - plum - smoke finish
32636	6168	Littmann® Cardiology IV - navy blue - black finish
32637	6171	Littmann® Cardiology IV - turquoise - smoke finish
32638	6178	Littmann® Cardiology IV - raspberry - smoke finish
CARDIOLOGY IV MIRROR FINISH - head Ø 43/33 mm		
32646	6169	Littmann® Cardiology IV - caribbean blue - mirror fin.
32647	6170	Littmann® Cardiology IV - burgundy - mirror finish
32648	6177	Littmann® Cardiology IV - black - mirror finish
32649	6179	Littmann® Cardiology IV - black/champagne - smoke fin.

3M™ LITTMANN® CARDIOLOGY STETHOSCOPES



CARDIOLOGY III



CARDIOLOGY III BLACK EDITION



MASTER CARDIOLOGY

code	3M code	3M™ LITTMANN® STETHOSCOPES - length 69 cm
CARDIOLOGY III - head Ø 43/33 mm		
32371	3138	■ Littmann® Cardiology III - caribbean blue
32372	3148	■ Littmann® Cardiology III - raspberry
32429	3149	■ Littmann® Cardiology III - coral pink
32430	3128	■ Littmann® Cardiology III - black
32431	3129	■ Littmann® Cardiology III - burgundy
32432	3130	■ Littmann® Cardiology III - navy blue
32433	3135	■ Littmann® Cardiology III - plum
32434	3134	■ Littmann® Cardiology III - hunter green
32443	3146	■ Littmann® Cardiology III - light blue
32444	3140	■ Littmann® Cardiology III - red
CARDIOLOGY III SPECIAL EDITION - head Ø 43/33 mm		
32369	3161	■ Littmann® Cardiology III - lime - smoke finish
32472	3131BE	■ Littmann® Cardiology III - black edition
32474	3137CPR	■ Littmann® Cardiology III - chocolate - copper finish
32475	3128BRS	■ Littmann® Cardiology III - black - brass finish
32373	3152RBW	■ Littmann® Cardiology III - black - rainbow finish

code	3M code	3M™ LITTMANN® STETHOSCOPES - length 69 cm
MASTER CARDIOLOGY - head Ø 51 mm		
32435	2160	■ Littmann® Master Cardiology - black
32436	2163	■ Littmann® Master Cardiology - burgundy
32437	2164	■ Littmann® Master Cardiology - navy blue
32439	2167	■ Littmann® Master Cardiology - plum
32361	2178	■ Littmann® Master Cardiology - caribbean blue
32362		Littmann® Master Cardiology - colour on request
MASTER CARDIOLOGY SPECIAL EDITION - head Ø 51 mm		
32360	2176	■ Littmann® Master Cardiology - black smoke ed.
32473	2161	■ Littmann® Master Cardiology - black edition
32363	2183	■ Littmann® Master Cardiology - hunter green brown finish
32359		Littmann® Master Cardiology - colour on request
CARDIOLOGY TRADITIONAL		
32330	3141	■ Littmann® Traditional - black
32331	3142	■ Littmann® Traditional - navy blue
32332	3143	■ Littmann® Traditional - burgundy



CARDIOLOGY III



CARDIOLOGY III BLACK EDITION



CARDIOLOGY III COPPER FINISH



MASTER CARDIOLOGY



MASTER CARDIOLOGY BLACK EDITION



CARDIOLOGY TRADITIONAL



3M™ LITTMANN® 3100 AND 3200 ELECTRONIC STETHOSCOPES

ELECTRONIC STETHOSCOPES

3M™ Littmann® Electronic Stethoscope Model 3100 and 3200 exceptional sound capabilities deliver an exceptional auscultation experience. Clinical evidence shows that, it is easier to detect difficult-to-hear heart sounds like S3 gallops and aortic regurgitation murmurs, as well as abnormal lung sounds. Here's why:

Ambient Noise Reduction Technology

It cancels out, on average, 85% of ambient background noise that can interfere with the auscultation experience, without eliminating critical body sounds.

Acoustic Seal Eartips and Tubing

They create an excellent acoustic seal. It means a tighter seal from ambient noise entering through tubing and eartip connections.

State-of-the-Art Sound Sensor

Positioned at the base of the tubing, the sensor brings the sound more naturally to your ears.

Up to 24X Sound Amplification

Useful for obese

LITTMANN® 3200 ELECTRONIC

Designed to visualize what you are hearing, allow playback when and where convenient, facilitate storage of sounds in patient records or transfer to colleagues for further analysis.

- connects wirelessly to the Bluetooth®
- display and print sounds as phonocardiogram
- play recordings at slow speed
- save patient information
- send as an e-mail attachment



32495

Authorized Distributor



code	3M code	3M™ LITTMANN® ELECTRONIC STETHOSCOPES
32490	3100BK27	■ Littmann® Electronic 3100 - black
32491	3100BU	■ Littmann® Electronic 3100 - burgundy
32492	3100NB	■ Littmann® Electronic 3100 - navy blue
32495	3200BK27	■ Littmann® Electronic 3200 - black
32496	3200NB	■ Littmann® Electronic 3200 - navy blue
32497	3200BU	■ Littmann® Electronic 3200 - burgundy

3M™ LITTMANN® ACCESSORIES

code	3M code	3M™ LITTMANN® ACCESSORIES
DIAPHRAGM + RETAINING RING - box of 5 pcs		
32449	36572	■ For Cardiology III (small side) - black
51443	36573	■ For Cardiology III (small side) - grey
32450	36556	■ For Classic II S.E., Select, Master classic, Cardio III (large side) - black
32464	36557	■ For Classic II S.E., Select, Master classic, Cardio III (large side) - grey
32452	36554	■ For Master Cardiology - black
32605	36555	■ For Master Cardiology - grey
32453	51185	■ For S.T.C. Cardiology - black
DIAPHRAGM OR RETAINING RINGS		
51450	36550	■ Retaining ring for Pediatric Classic II - black - box of 5
51451	36551	■ Retaining ring for Pediatric Classic II - grey - box of 5
51445	MEMB/E3200	■ Diaphragm for Electronic 3200 - black
32454	MEMB/E3100	■ Diaphragm for Electronic 3100 - dark grey
32478	78808303222	■ Diaphragm for Electronic 3000 - dark grey
51452	36560	■ Diaphragm for Pediatric Classic II - box of 10
NEOPRENE RINGS		
32476	36547	■ Neoprene black ring - infant - box of 5
32455	36569	■ Neoprene grey ring - infant - box of 5
51455	36546	■ Neoprene black ring - pediatric - box of 5
32456	36568	■ Neoprene grey ring - pediatric - box of 5
32459	36544	■ Neoprene black ring - Classic II, Lightweight - box of 10
51456	36545	■ Neoprene grey ring - Classic II - box of 10
EAR TIPS for all models - box of 10 pairs		
32451	37812	■ Ear Tips - grey - soft - large
32465	37809	■ Ear Tips - black - soft - small
32466	37811	■ Ear Tips - black - soft - large
32467	38742	■ Ear Tips - grey - rigid - small
32468	37808	■ Ear Tips - grey - rigid - large
51490	40001	■ Ear Tips - black - small and large
51491	40002	■ Ear Tips - grey - small and large
32460	BLCIP/N	■ Binaural Classic II SE, ped., infant, Select - black
32461	BLCAR/N	■ Binaural Cardiology III and Master Cardiology - black
32462	BLMACL/N	■ Binaural Master Classic, Classic III - black
32469	2170	■ Name tag - black
51494	40007	■ Name tag - black
51495	40008	■ Name tag - grey
2 TUNABLE DIAPHRAGMS AND RIM ASSEMBLY + NON CHILL BELL SLEEVES + EARTIPS		
51460	40003	■ For Cardiology III™ - black - blister
51461	40004	■ For Cardiology III™ - grey - blister
TUNABLE DIAPHRAGM AND RIM ASSEMBLY + NON CHILL BELL SLEEVES + EARTIPS		
51464	40005	■ For Classic II S.E. - black - blister
51465	40006	■ For Classic II S.E. - grey - blister
51466	40020	■ For Lightweight - black - blister
TUNABLE DIAPHRAGM + RIM ASSEMBLY + EARTIPS		
51470	40011	■ For Master Cardiology - black - blister
51471	40018	■ For Master Cardiology - grey - blister
51472	40019	■ For Cardiology S.T.C. - black - blister
51473	40022	■ For Master Classic™ - black - blister
TUNABLE DIAPHRAGM + 2 RIMS ASSEMBLY		
51477	40012	■ For Classic II™ - Paediatric - black - blister
51478	40013	■ For Classic II™ - Infant - black - blister
2 TUNABLE DIAPHRAGMS + RIM ASSEMBLY + EARTIPS		
51482	40016	■ For Classic III™ - black - blister
51483	40017	■ For Classic III™ - grey - blister



YTON ANEROID SPHYGMOMANOMETERS

YTON ANEROID SPHYGMOMANOMETERS

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

Scale 0-300 mmHg. Air release at closed tap max 4 mmHg/minute.

Manual setting of deflation possible up to 2/3 mmHg/sec.

From 260 mmHg to 15 mmHg max deflation time 10 sec.

Scale graduated every 2 mmHg.

Floating zero (the pointer has no stop point but swings freely), nylon velcro cuff, latex bulb with chromium plated valve.

Chromium-plated air tap with air release regulation by screw valve.

Supplied with a simulated-leather soft pouch with zip in a carton box.

Available in 5 versions: standard, with one piece cuff, latex free, with incorporated stethoscopes or kit (sphygmomanometer+stethoscope).

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

code	YTON SPHYGMOMANOMETERS	
32720	YTON - black cuff	■
32692	YTON - one piece cuff	■
32704	YTON latex-free - blue cuff	■
32703	YTON - with incorporated - stethoscope - black cuff	■
32693	YTON KIT - sphygmomanometer + stethoscope	■
32701	YTON MANOMETER - spare	



32703
Yton with incorporated Stethoscope



32720
Yton sphygmomanometer



YTON DIGITAL SPHYGMO

• 32722 YTON DIGITAL SPHYGMO

Semi-automatic digital sphygmomanometer with manual inflation and automatic deflation through manual valve.

Light: only 50 g, one third of a normal blood pressure monitor.

A large 9 digits LCD display shows systolic/diastolic/pulse rate simultaneously, and store 90 memories.

Range: 40-260 mmHg

Pulse: 40-160 minute

Power supply: 1 x AAA battery

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

Manual: GB, IT

Digital Yton sphygmomanometer



SPHYGMOMANOMETERS WITH GAUGE ON THE CUFF

CE 0051

32724

CE 0051

CE 0476



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



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



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

SHOCK RESISTANT SPHYGMO MINOR 2 SPHYGMO - 2 TUBES

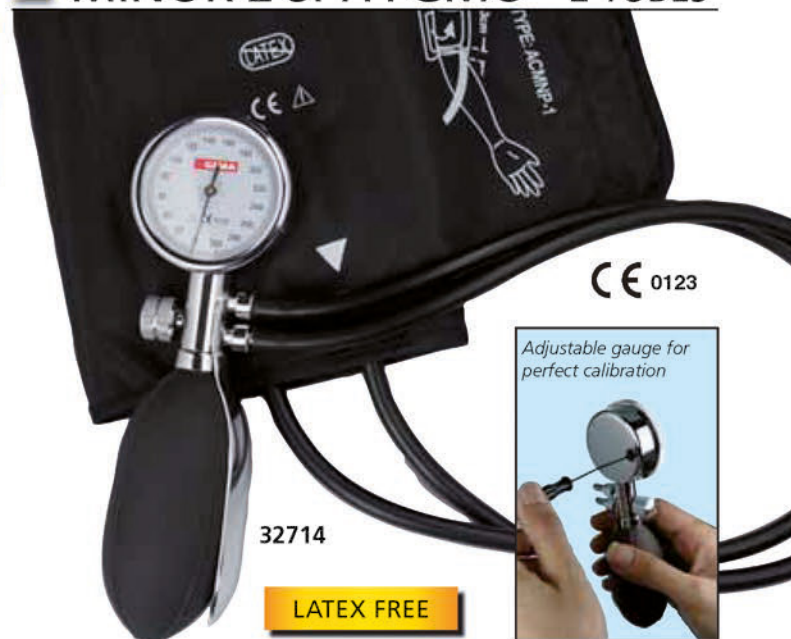
CE 0476

ISO 81060 STANDARD

3 YEARS WARRANTY



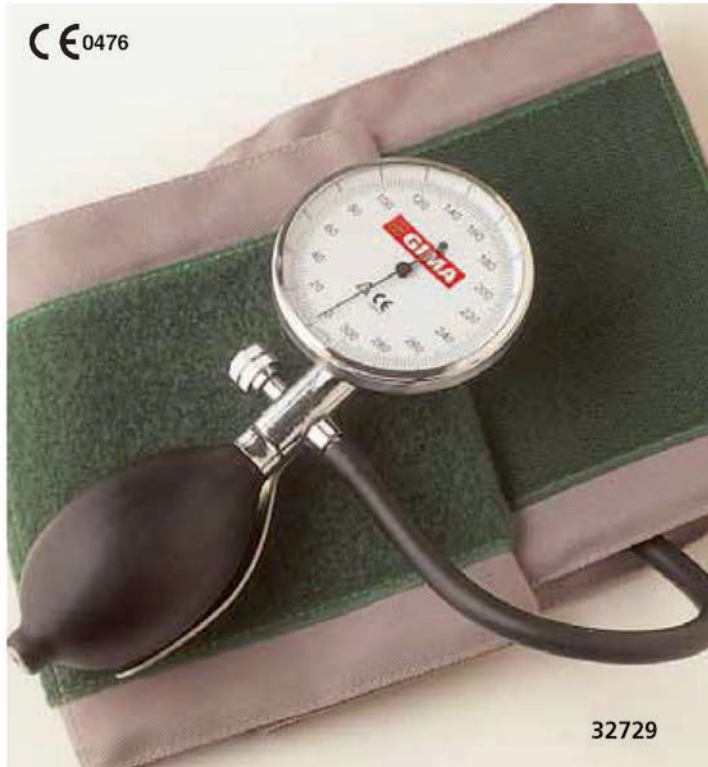
- **32702 SHOCK RESISTANT SPHYGMO - nylon-cuff**
High quality, shock resistant sphygmomanometer matching the ISO 81060 standard.
One piece design with damped system manometer
Creative design with a new structure that fixes all parts together closely to make it more steadier. The damped system absorbs 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 - 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 - 3years, minicuff (32813) 3-7 years, minicuff (32814) 7-10 years in a nylon bag.
 • 27177 SIRIO MULTICUFF PEDIATRIC BAG - empty



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



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



LONDON: PROFESSIONAL SPHYGMO



• 32725 LONDON SPHYGMO - adult - black cuff
 • 32726 LONDON SPHYGMO - adult - red cuff
 Professional, stylish, reliable and lightweight sphygmomanometer with ABS manometer, integral PVC bulb, high quality precision mechanism, velcro closure calibrated nylon cuff and one tube TPU bladder. Dial Ø 55 mm, with specially designed eye-catching colour printing and easy to read. Special outer ring protects the manometer from shocks



and the glass from scratches. Supplied in a nice colour co-ordinated carrying bag and box. With multilingual box and user manual: GB, FR, IT, ES, DE, PT, GR. Latex free.



TOKYO AUTOMATIC

• **32735 TOKYO SPHYGMO - adult - black cuff**
 Professional sphygmomanometer with large Ø 65 mm dial and **button type air release valve**. ABS light plastic case, and extra shock-proof ring for long durability.



360° rotary handle.
 Supplied with black nylon calibrated cuff with D-ring, black 1-tube PVC, latex free bladder and black, latex free PVC bulb in a nylon carrying bag and cardboard box.
 Multilanguage box and manual: GB, FR, IT, ES, DE, PT, GR, Arab.



CE 0476

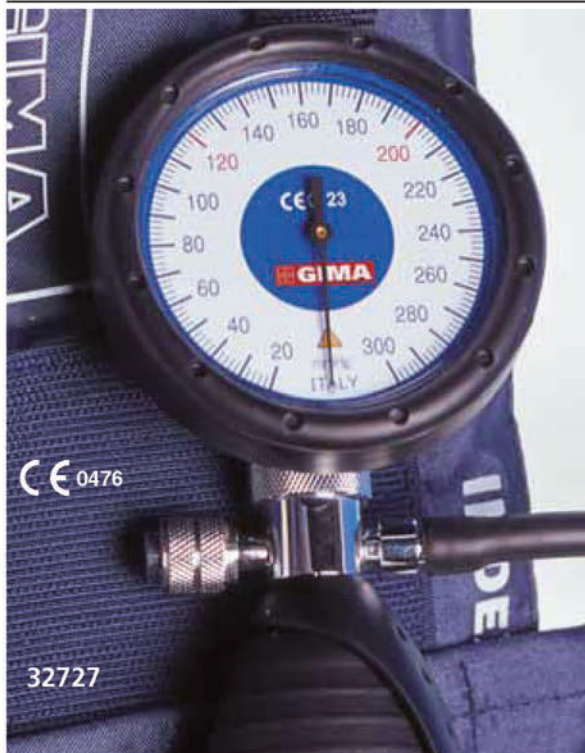
For rapid (push) or gradual (screw) deflation



Press the button, rapid deflation

Screw the button, gradual deflation

ROMA SPHYGMOMANOMETERS - 4 DIFFERENT MODELS



CE 0476

32727

32709

Pediatric



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

2 tubes



- 32727 ROMA SPHYGMO - adult - 1 tube
- 32734 ROMA SPHYGMO - adult - 2 tubes
- 32709 ROMA SPHYGMO - pediatric - 1 tube

Same as 32727 but with pediatric cuff 35x11 cm

• 32728 ROMA SPHYGMO - adult - fluorescent - 1 tube
 Same as 32727 but with special fluorescent dial plate to allow easy reading even in dark places.

Suitable for emergency.

- 32856 PVC RIBBED BULB
- 32857 PVC PROTECTIVE RING

32728

Fluorescent dial plate



32728



ROMA MULTICUFFS KIT



CE 0476

32738

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

EMERGENCY MULTICUFF KIT

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



32771



CE 0123

CUFFS ASSORTMENT FROM NEWBORN TO OBESE



Nylon cuff with velcro fastening, EPDM syntetic rubber bladder, latex free

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



Calibrated nylon cuffs with TPU bladder and PVC tube

CALIBRATED CUFFS - latex free - nylon				
1 tube	2 tubes	Model	Size cm	Colour
-	32839	Pediatric	35x11	Black
32846	32847	Pediatric	35x11	Blue
32842	32843	Adult	49x15	Blue
32844	-	Adult	49x15	Red
32845	32850	Adult	49x15	Black
32848	32849	Adult large	62x17.5	Blue
-	32841	Adult large	62x17.5	Black



CUFFS grey/black - nylon - TPU bladder - velcro fastening

1 tube	2 tubes	Model	Arm circumference	Size cm
32886	32887	Infant	13 to 19 cm	7.5x26
32888	32889	Child	18.4 to 26 cm	11x34
32830	32832	Adult	25 to 40 cm	52x15
32834	32835	Adult large	35 to 50 cm	61x17.5
32837	32838	Thigh	41 to 66 cm	82x21

ADULT CUFFS grey/green - cotton - TPU bladder - velcro fastening

32829 - Adult 53x14.5

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



Bladderless nylon cuffs

- reusable above 10,000 times
- washable up to 60°C
- disinfectable with alcohol/ethanol
- ideal to prevent cross-contaminations
- soft surface for a pleasurable feeling on the skin
- tested according to ISO 105 E01

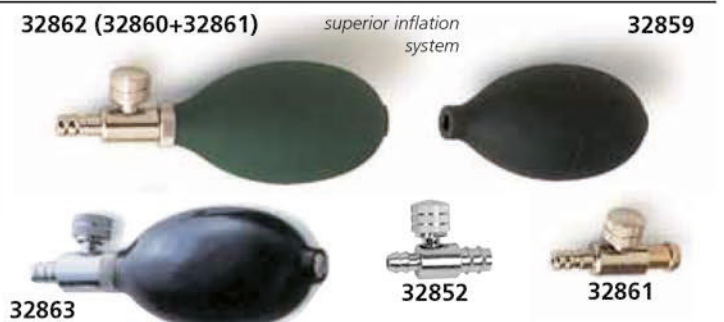
BLADDERLESS ONE PIECE CUFF - latex free

1 tube	2 tubes	Model	Size	Arm circumference
32910	32913	children	10x34 cm	19 to 27 cm
32911	32914	adult	14.5x54 cm	26 to 41 cm
32912	32915	adult large	16x63 cm	34.3 to 51 cm

SPHYGMOMANOMETERS SPARE PARTS AND ACCESSORIES



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



code	SPHYGMOMANOMETERS SPARE PARTS	Minimum order
32854	Yota PVC bulb - black - latex free	10 pcs.
32851	Yota PVC bulb - green	10 pcs.
32855	Yota latex bulb - black	10 pcs.
32860	Superior PVC bulb - green - latex free*	10 pcs.
32859	Superior PVC bulb - black*	10 pcs.
32852	Yota chrome-plated air release valve	10 pcs.
32861	Superior chrome plated air valve	10 pcs.
32853	Yota inflation system	10 pcs.
32862	Superior inflation system - latex free*	10 pcs.
32863	Deluxe inflation system	10 pcs.

*Made in Germany





BABYPHON® RIESTER PEDIATRIC SPHYGMO



- 32710 BABYPHON® PEDIATRIC SPHYGMO with 3 cuffs
 - Palm pediatric sphygmomanometer with 3 cuffs
 - fast inflation of the cuff due to ergonomic spoon-shaped stainless steel handle
 - easy reading metal manometer with aluminium scale Ø 49 mm (1.929 inch)
 - lifelong precision due to almost non-aging precision movement with specially tempered copper-beryllium diaphragm for pressure-loading capacity up to 600 mmHg
 - linear scale up to 300 mmHg, ±3 mmHg
 - bear imprint on the cuffs
- Supplied with 3 pediatric cuffs (child, infant and new-born in a padded nylon zipper case).
 Newborn: size 15.5x5 cm - circumference 5-8 cm
 Infant: size 23x7.5 cm - circumference 8-13 cm
 Baby: size 35.5x10 cm - circumference 13-17 cm



PRESS^{SAN}® HYGIENIC PROTECTION OF SPHYGMOMANOMETER

• 32858 PRESS^{SAN}® HYGIENIC PROTECTION OF SPHYGMO - box of 10

A practical hygienic accessory for the sphygmomanometer to protect patient's skin whilst measuring the blood pressure. Made of a white non-woven fabric. Ensures patient's comfort and hygiene. Can fit any kind of sphygmomanometer or pressure holter.



32858

RIESTER ORIGINAL CUFFS - LATEX FREE

code	RIESTER code	RIESTER CUFFS 1 TUBE	Colour	Size cm	Circumference cm	Compatibility
49811	129	Child velcro cuff	light blue	34.5x10	13-17	Minimus II [®] , Precisa, Ri-san, R1 Shock proof, E-Mega [®] , Baby phon [®]
49812	107	Adult velcro cuff	black	54.5x14.5	24-34	
49813	122	Adult/large velcro cuff	black	70x15	34-44	
ONE PIECE RIESTER CUFFS 1 TUBE washable at 60°C and disinfectable in liquid reusable up to 10,000 times. ISO 105 E01 tested						
49816	154	Child one-piece cuff	dark green	35.5x10	13-17	Same as cuffs 1 tube
49817	150	Adult one-piece cuff	dark green	54.5x14.5	24-32	
RIESTER CUFFS 2 TUBES						
49821	130	Child velcro cuff	light blue	35.5x10	13-17	Big Ben
49822	108	Adult velcro cuff	black	54.5x14.5	24-32	

*Metal valve not included with spare cuff, can use valve from old cuff



HEINE ORIGINAL CUFFS - LATEX FREE

code	HEINE code	HEINE CUFFS 1 TUBE	Colour	Size cm	Circumference cm	Compatibility
49801	M-000-09-702	Child - 2	grey	10x34	13-20	All Heine 1 tube
49802	M-000-09-704	Adult small - 3	grey	14x53	20-29	
49803	M-000-09-619	Adult - 4	grey	14x58	29-41	
49804	M-000-09-706	Adult large - 5	grey	17x70	35-47	

Water resistant washable material



ERKA ORIGINAL GREEN SUPERB CUFFS - LATEX, PVC, DEHP FREE

Made in durable patented German PU material, perfect for cleaning and disinfection

code	ERKA code	ERKA CUFFS 1 TUBE - grey	Size cm	Circumference cm	Compatibility
32895	025-28493	Infant	21.5x6.6	10-15	Switch and Kobold
32896	025-27493	Baby	30.3x9.1	14-21.5	
32891	025-26493	Child	40x11.6	20.5-28	
32892	025-20493	Adult	47x14.3	27-35	
32893	025-24493	Adult large	56x17.5	34-43	
32894	025-29493	Thigh	75x21.5	42-54	
ERKA CUFFS 2 TUBES - green					
32898	025-26481	Child	40x11.6	20.5-28	Vario
32899	025-20481	Adult	47x14.3	27-35	
32900	025-24481	Adult large	56x17.5	34-43	
ERKA TWIN TUBE CUFFS - green					
32877	025-26482	Child	40x11.6	20.5-28	Perfect Aneroid and Profi
32878	025-20482	Adult	47x14.3	27-35	
32879	025-24482	Adult large	56x17.5	34-43	



Twin tube

RIESTER ANEROID SPHYGMO - MADE IN GERMANY



Sturdy and light aluminium casing, corrosion protected

High-polished manometer surface, easy to disinfect

Riester
CE 0124



Large dial Ø 63 mm

Non-resistant opening of air release valve ensures precise and comfortable operation

SHOCK PROOF

Shock protecting polycarbonate case

Spoon-shaped handle made of stainless-steel

Fast, ergonomic inflation due to optimized bulb design with integrated spoon

32716

CE 0124
Riester



CE 0124
Riester

• **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-aging precision movement, with specially tempered copper-beryllium diaphragm for pressure-loading capacity up to 600 mmHg
- comfort - air release valve, wearfree, with fine adjustment

• **32716 R1 SHOCK PROOF SPHYGMO**
Exact precision that lasts a lifetime. Made in Germany, 5 years warranty on calibration.
- shock-proof up to a falling height of 120 cm
- scale: \varnothing 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 ergonomic operation.
- maximum error tolerance of ± 3 mmHg
- weight: 173 g
- supplied in zipper bag
- latex free

Riester

CE 0124



Easily readable scale \varnothing 64, from 0 to 300 mmHg, ± 3 mmHg

32715

Precision air release valve with fine adjustment and wear-free

Suitable for right or left handed users

• **32715 RI-SAN® SPHYGMO**
High quality palm-style sphygmomanometer with ergonomic design. Air release valve conveniently regulated by finger-tip control.
- calibrated nylon cuff with velcro
- latex-free bulb for pumping up the cuff
- tube connection at the top of pressure gauge for unhindered blood pressure measurement
- microfilter protects air release valve and measuring system
- specially tempered copper-beryllium diaphragm almost non-aging
- the precision movement guarantees reliable measurement
- diaphragm can be pressurized up to 600 mmHg without decalibrating the sphygmo.

Riester

CE 0124

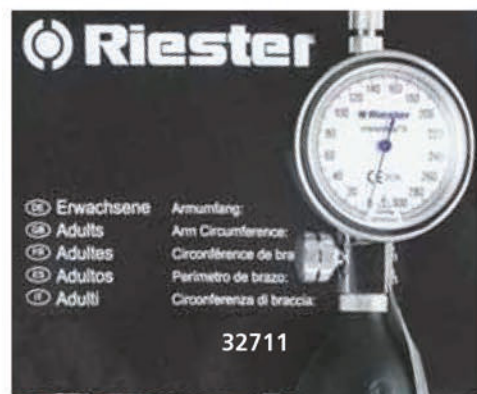


Easily readable scale \varnothing 64, from 0 to 300 mmHg, ± 3 mmHg

32717

Precision air release valve with fine adjustment and wear-free

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



Riester
CE 0124



• **32711 MINIMUS® II SPHYGMO**

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



KOBOLD SPHYGMOMANOMETER BY ERKA

- 32691 BLACK KOBOLD with gray cuff - 223.20493
- 32695 GREY KOBOLD SET with 3 ped. "Superb" cuffs - 227.71.393
- 32696 GREY KOBOLD SET with 6 "Superb" cuffs - 227.71.195

Elegant and compact, single tube sphygmomanometer for frequent use in clinic and consulting room. Precision manometer, anodised aluminium Ø 48 mm. 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, demp and latex-free, every one is individually tested prior to delivery and guaranteed for 50,000 inflation cycles. They are equipped with clearly marked size and positioning features for the most accurate possible measurements. The soft, easy to disinfect, biocompatible materials ensure maximum patient comfort. Conform to ANSI/AAMI SP10 standard

- 32891 PEDIATRIC "SUPERB" CUFF 1 TUBE 20.5 - 28 cm - grey
- 32892 ADULT "SUPERB" CUFF 1 TUBE 27-35 cm - grey - spare



32691

ERKA.



32696

CE 0124

Includes 6 cuffs for below indicated circumferences of upper arm

Thigh
42-54 cm

Adult large
34-43 cm

Adult
27-35 cm

Child
20.5-28 cm

Baby
13-20 cm

Infant
10-15 cm



CE 0124

Child
20.5-28 cm

Baby
14-21.5 cm

Infant
10-15 cm

32695

PERFECT ANEROID

ERKA SWITCH

ERKA SWITCH SIMPLEX

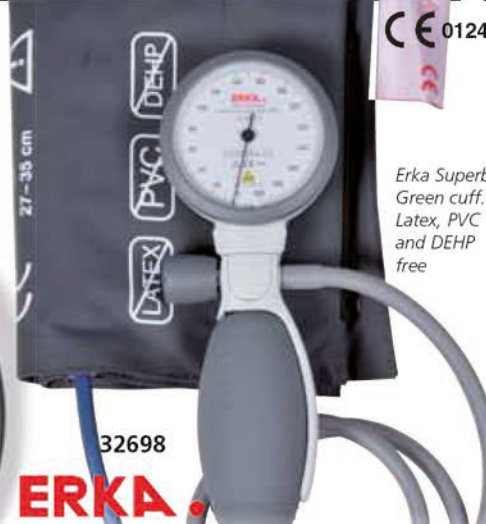


32688

Erka Superb Green cuff. Latex, PVC and DEHP free

ERKA.

- 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 $\pm 1\%$
- 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



32698

ERKA.

Erka Superb Green cuff. Latex, PVC and DEHP free

- 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-handle users. It is manufactured from shock-resistant polycarbonate and has passed the shock test according to AAMI SP9. The sight glass is chemically stable and unbreakable. The brass valve screw works smoothly and is adjustable to exact settings. MR compatibility. Measuring range 0-300 mmHg $\pm 1\%$. 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

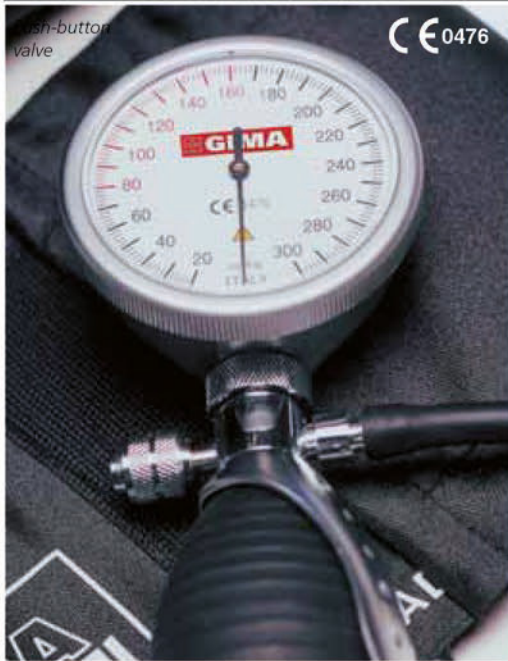


32697

ERKA.

- 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 $\pm 1\%$. Black velcro cuff. Supplied with pouch. Magnetic Resonance (MR) compatibility. Made in Germany. 2 year warranty.

BOSTON SPHYGMO ■ G5® AND G7® HEINE SPHYGMO



• 32731 BOSTON SPHYGMO - adult - black cuff ■

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



10 YEARS WARRANTY

5 YEARS WARRANTY

The inflator spoon can be set for left and right-handed users.

- 32737 GAMMA "G5®" HEINE SPHYGMO - plastic manometer - M-000.09.230
- 32741 GAMMA "G5®" HEINE SPHYGMO - plastic manometer Same as 32737, but supplied without carrying bag.
- 32739 GAMMA "G7®" HEINE SPHYGMO - aluminium manometer - M-000.09.232

With the new latex free G5® and G7® Heine, GIMA offers an aneroid sphygmomanometer of the highest quality of design and function with unequalled value for money. A modern, functional design combined with exceptional precision of measurement and durability make Heine G5® and G7® ideal for long-term use in clinic and practice environments.

- latex-free
 - exceptionally-strong housing construction with triple-mounted, **shockproof** movement.
 - **impact-resistant housing** crafted in special, shock-absorbing materials incorporate the latest advances in injection-moulding technology.
 - a **microfilter** protects the valve and movement.
 - **oversized inflator** speeds up cuff inflation.
- Made in Germany. 5 years warranty (G5), 10 years warranty (G7).



G5® and G7® (excluding 32741) are supplied with high quality HEINE carrying bag.

WELCH ALLYN® DURA SHOCK™ DS55 SPHYGMOMANOMETER

10 years calibration warranty



Laser engraved dial

Shock resistant body

WelchAllyn®

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



How DuraShock technology works

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



LCD DISPLAY, MERCURY-FREE SPHYGMOMANOMETERS

MERCURY FREE SPHYGMOMANOMETERS

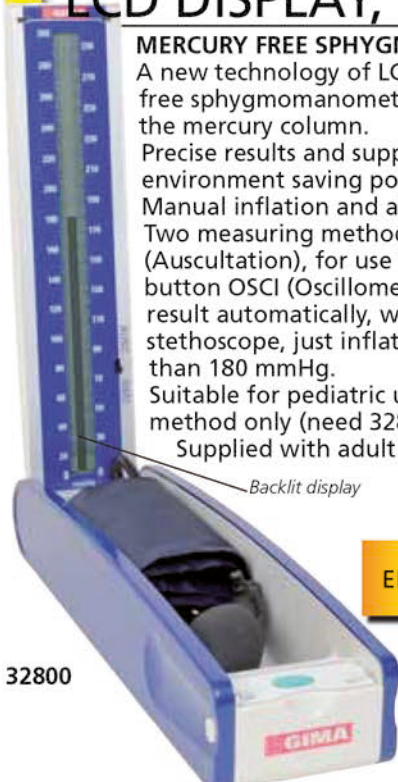
A new technology of LCD display mercury-free sphygmomanometers alternative to the mercury column.

Precise results and support to global environment saving pollution. Manual inflation and air release.

Two measuring methods: button AUSC (Auscultation), for use with a stethoscope, button OSCI (Oscillometric), to get the result automatically, without need of a stethoscope, just inflate the cuff not less than 180 mmHg.

Suitable for pediatric use with auscultation method only (need 32825).

Supplied with adult cuff



Backlit display



GREEN AND ENVIRONMENTAL PROTECTION

32800

- 32800 GREEN MERCURY FREE SPHYGMO - desk
- 32801 GREEN MERCURY FREE SPHYGMO - on trolley with basket
- 32825 PEDIATRIC CUFF 16-22 cm - optional
- 32827 ADULT CUFF 22-32 cm - spare
- 32828 LARGE ADULT CUFF 32-45 cm - optional

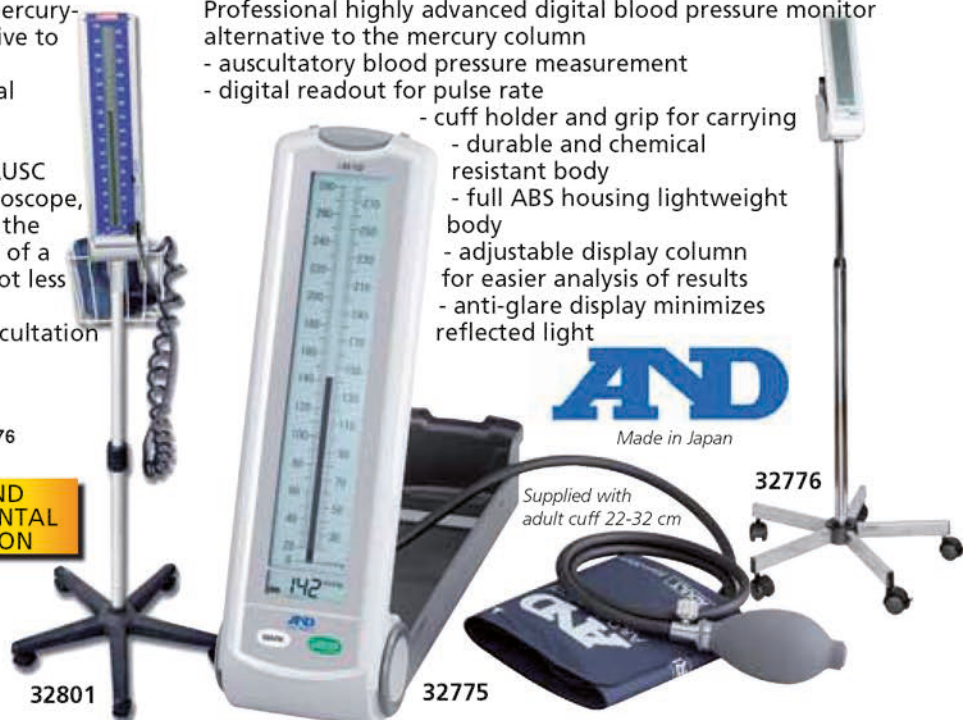
TECHNICAL SPECIFICATIONS (32800, 32801)

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

AND PROFESSIONAL MERCURY FREE SPHYGMOMANOMETERS

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

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



Supplied with adult cuff 22-32 cm

32776

32801

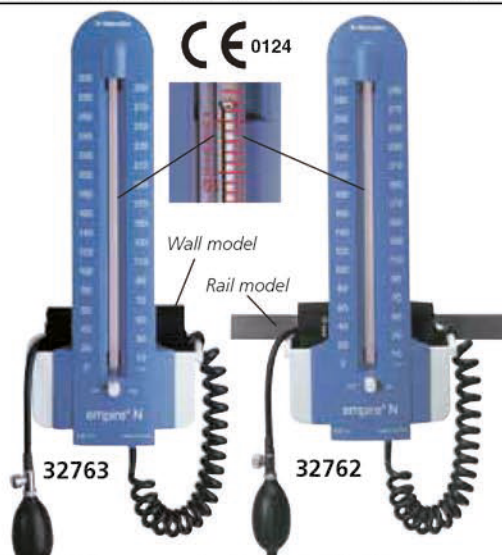
32775

- 32758 UM-101 MERCURY FREE SPHYGMOMANOMETER - desk
- 32775 UM-102A MERCURY FREE SPHYGMOMANOMETER - desk
- 32776 UM-102B MERCURY FREE SPHYGMOMANOMETER - trolley

TECHNICAL SPECIFICATIONS

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

MERCURIAL SPHYGMOMANOMETERS: DESK, WALL, TROLLEY



Wall model

Rail model

32763

32762

- 32762 EMPIRE - anaesthetic model (rail)
- 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 extensible to 3 m. With latex free bulb and chromed-plated air release valve.

Made in Germany

- 32883 GLASS TUBE - spare for EMPIRE



32760 YTON

32759

Height adjustable from 110 to 150 cm

5 castors trolley

Metal trolley

32769

- 32759 YTON MERCURIAL SPHYGMO - pediatric
 - 32760 YTON MERCURIAL SPHYGMO - wall
 - 32769 YTON MERCURIAL SPHYGMO - trolley - made in China
 - 32764 KENZ MERCURIAL SPHYGMO - trolley
- 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.
- Mercury sphygmomanometers with velcro cuff (2 tubes) and storage compartment. 0-300 mmHg. PVC latex free.
- Same as 32769, made in Japan.

ERKA VARIO DESK WALL AND MOBILE - MADE IN GERMANY

- 32671 VARIO - desk - adult cuff - 285.20.481
 - 32672 VARIO - wall - adult cuff - 288.20.481+295.00.003
 - 32673 VARIO - trolley Ø 50 cm - adult cuff+288.20.481+995.00.003
- Superior quality product, made in Germany, for use in consulting rooms or hospital. The Vario model consists of a high precision manometer in a high quality ABS housing with an integrated fastening spigot for individual variable swivelling, a big cuff basket in white powder coated sheet steel, a bulb holder and spiral tubing with bulb and air release valve. This high quality chromium-plated valve makes sensitive adjustments easy. The 150 mm scale is equipped with a mirrored exterior ring and non-reflective manometer glass.
- 32898 PEDIATRIC "SUPERB" CUFF 2 TUBES - 20.5-28 cm (arm circumference)
 - 32899 ADULT "SUPERB" CUFF 2 TUBES - 27-35 cm (arm circumference) - spare
 - 32900 LARGE "SUPERB" CUFF 2 TUBES - 34-43 cm (arm circumference)



TECHNICAL SPECIFICATIONS		32671
Height with basket:	260 mm (32672-3)	
Width with basket:	180 mm (32672-3)	
Depth with basket:	120 mm (32672-3)	
Graduation:	0-300 mmHg ±3 mmHg	
Weight with basket:	1,350 g	
Height of trolley:	830-1,360 mm (adjustable)	
Tubing system Ø:	18-25 mm	
Swivel range:	up to 60 deg°	

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 AUTOMATIC B.P. MONITOR HEM-907 Professional B.P. monitor designed for clinical use in professional settings.
- gold standard accuracy
- validated according to international protocols:
- 1- Association for the Advancement of Medical Instrumentation (AAMI)
- 2- European Society of Hypertension - International Protocol (ESH - IP)
- intellisense technology
- irregular pulse indicator
- 3 modes of operation: single mode, average mode, auscultation (manual mode).



Supplied with battery pack, adult cuff (22-32 cm), AC adapter. Made in Japan.

- 32937 ADULT LARGE CUFF 32-42 cm
- 32939 TROLLEY FOR OMRON HEM-907

TECHNICAL SPECIFICATIONS		32936 + 32939
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, 6Wh)	
Electric shock protection method:	Class II B type	
Dimension:	139x203x131 mm (5.1/2"x8"x5.1/8")	
Weight:	approx. 910 g	
Complies with:	EN 1060, EN60601-1-1 - 2007	



DALLAS SPHYGMO: WALL AND TROLLEY



- **32749 DALLAS SPHYGMOMANOMETER - wall model**
Provided with rear plastic basket for cuff storage.
 - **32747 DALLAS SPHYGMOMANOMETER - trolley model**
Provided with stainless steel trolley adjustable in height, with 5 castors.
- All DALLAS sphygmometers are provided with extra large dial plate (Ø 150 mm) for easy reading, black nylon calibrated cuff and latex quality inflation system and bladder. Scale 0-300 mmHg.



DENVER SPHYGMO

- **32744 DENVER SPHYGMOMANOMETER - trolley - adult cuff**
Trolley sphygmomanometer, light but with high stability and 360° swivelling castors. Adjustable height (90 to 135 cm) with metal basket. Square-shaped-dial 145x145 mm. Nylon cuff, 2-tube adult TPU bladder, PVC bulb, dual use air-release valve with spring, spiral PVC tube (1.8 m).
 - **CALIBRATED NYLON CUFFS**
 - **32839 CHILD CUFF - black**
 - **32850 ADULT CUFF - black - spare**
 - **32841 ADULT LARGE CUFF - black**
- All cuffs with 2 tubes TPU bladder.



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.

Large basket with handle for cuff

CE 0123



JOLLY DIGITAL B.P. MONITOR



European Society Hypertension

CE 01970



- **32777 JOLLY DIGITAL BLOOD PRESSURE MONITOR**
Professional Blood Pressure monitor for medical use.
 - large easy-to-read illuminated LCD display 86x74 mm
 - WHO classification
 - arrhythmia detection (IHB)
 - 4-person memory zone - 30 memory space each
 - average of all saved measured values and morning and evening blood pressure of the last 7 days
 - time and date
 - automatic switch-off
- Multilanguage manual and box: GB, FR, IT, ES, PT, DE, PL, GR.
- **32922 CUFF - adult - 22-30 cm (8-11") - black - spare**
 - **32923 CUFF - adult large - 30-42 cm (11-16") - grey**
 - **32920 CUFF - adult extra large - 42-48 cm (16-18.2") - grey**

TECHNICAL SPECIFICATIONS

Measurement system:	Oscillometric method
Measurement range:	Pressure: 0-300 mmHg ±3 mmHg Pulse: 40-180 pulse/min. ±5%
Power source:	4x1.5 AAA batteries included
Outside dimension:	150x95xh 65 mm
Weight:	approx 235 g (without batteries)

DOMINO DIGITAL B.P. MONITOR

Automatic inflation deflation

CE 0476



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

TECHNICAL SPECIFICATIONS

Measuring range:	Pressure - 40 ~ 260 mmHg	Pulse: 40 ~ 160 beats/min.
Accuracy:	Pressure ± 3 mmHg	Pulse: ± 5%
Power supply:	4x "AA" batteries or AC adaptor (option)	
External dimension:	158(L)x120(W)x127(H) mm	Weight: 490 g

X-LIFE AUTOMATIC DIGITAL B.P. MONITORS - ESH VALIDATED

Size: 140x104x50 mm
Weight: 247 g
LCD size 60x51 mm

Cuff size for arm
circumferences
23-33 cm



32924

Supplied with
carrying bag



Size: 74.5x74x30 mm
Weight: 95 g
LCD size 34.5x42 mm

Cuff size for arm
circumferences
13.5-19.5 cm



32926



Liquid crystal
display



- 32924 X-LIFE B.P. MONITOR - arm
 - 32926 X-LIFE B.P. MONITOR - wrist
- Accurate and precise automatic digital blood pressure meters for smooth and fast measurements with innovative functions:
- IHB: irregular heartbeat detector
 - WHO risk category indicator (classifies your measurements in 6 stages of risk, from optimal to severe hypertension)
 - proven clinically to meet European Society of Hypertension ESH protocol
 - easy to read, wide angle display
 - 120 memories for 3 users: 3 zones of 40 memories each
 - start/stop unique button, with blue backlight

- multilanguage manual and box: GB, FR, IT, ES
- memory average: automatically average last 3 memories
- 32925 SPARE CUFF for 32924 - adult
- 32927 AC ADAPTOR for 32924

TECHNICAL SPECIFICATIONS

Measuring method:	oscillometric
Measuring range:	pressure: 0-300 mmHg pulse: 40-199 bpm
Accuracy:	pressure: ± 3 mmHg pulse: $\pm 5\%$
Power supply:	arm type: 4xAA alkaline batteries wrist type: 2xAAA alkaline batteries
Battery life:	arm type: 300 measures wrist type: 250 measures

SMART AUTOMATIC DIGITAL B.P. MONITOR - ESH VALIDATION



Display 62x43 mm LCD



European Society
Hypertension

32921



- 32921 SMART AUTOMATIC B.P. MONITOR with adult cuff
- Compact, fully logic, multiuser, B.P.M. with innovative features:
- smart inflation technology for automatic pumping to proper pressure
 - WHO blood pressure indicator
 - IHB Irregular Heartbeat Detection
 - average value of latest 3 readings
 - 2x60 memories, date and time
 - displays systolic, diastolic and pulse rate separately
 - multilanguage manual and box: GB, FR, IT, DE, ES, PT, PL, GR, Arabic
 - 32922 CUFF - adult - 22-30 cm (8-11") - black - spare
 - 32923 CUFF - adult large - 30-42 cm (11-16") - gray
 - 32920 CUFF - adult extra large - 42-48 cm (16-18.2") - gray

TECHNICAL SPECIFICATIONS

Measuring method:	oscillometric, automatic inflation and measurement
Measuring range:	cuff pressure: 0-300 mmHg ± 3 mmHg pulse rate: 40-180 beats/min $\pm 5\%$ 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



European Society
Hypertension

Display 31.9x39.6 mm LCD

32918



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

TECHNICAL SPECIFICATIONS

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



GIMA DIGITAL BLOOD PRESSURE MONITORS



CE 0476

32787

CE 0476

32786



AUTOMATIC INFLATION AND DEFLATION

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

- 32787 GIMA AUTOMATIC B.P. MONITOR
- 32788 SPARE CUFF - adult

Innovative design digital fully automatic blood pressure meter:

- one-touch measurement
- 30 sec. measurement time for normal blood pressure
- 4 persons use / 30 memories each - power saving system

TECHNICAL SPECIFICATIONS

Measuring method: oscillometric
 Display: Systol, Diastol and Pulse
 Measuring range: 20~280 mmHg (cuff pressure)
 40~195 beats/min (pulse rate)
 Accuracy: Pressure: ± 3 mmHg
 Pulse: ±5% of reading
 Power supply: 4x "AA" batteries
 Dimensions: 140x120x70 mm
 Weight: 300 g (ex. batteries) Arm cuff: 22-34 cm



- 32786 GIMA AUTOMATIC WRIST B.P. MONITOR

Reliable digital blood pressure monitor with following features:

- one touch automatic inflation and deflation
- large LCD display with date and time
- 2 person use / 60 memories each - power saving system

TECHNICAL SPECIFICATIONS

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



ANDON VALUE DIGITAL B.P. MONITOR

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

FDA
CE 0197

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

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



Cuff circumference: 22-30 cm

32901

FULLY AUTOMATIC B.P.M.

Manual in GB, FR, IT, ES, DE, PT, GR, AR

Supplied with light blue cuff in a light blue bag



- 32947 WIDE BLOOD PRESSURE MONITOR
- easy to use and clear LCD display
- 60 memories
- automatic switch-off
- for upper arm circumference 22-30 cm
- 32922 ADULT CUFF 22-30 cm - black - spare
- 32923 ADULT L CUFF 30-42 cm - grey
- 32920 ADULT XL CUFF 42-48 cm - grey



TECHNICAL SPECIFICATIONS

Measurement system: Oscillometric method
 Measurement range: Pressure: 0~300 mmHg ±3 mmHg
 Pulse: 40~180 pulse/min ±5%
 Power Source: 4xAAA batteries
 Dimensions - weight: 220x66xh 43 mm - 230 g (without batteries)
 LCD size: 102.2x27.3 mm

TALKING B.P. MONITOR

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

B.P. MONITOR WITH VOICE



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

- 32940 TALKING BLOOD PRESSURE MONITOR* - GB, FR, ES, PT, Arabic
- 32941 TALKING BLOOD PRESSURE MONITOR** - IT, SE, FI, DE, TR
- 32942 TALKING BLOOD PRESSURE MONITOR** - IT, RO, BG, HU, RU
- *Manual: GB, FR, ES, PT **Manual: IT, GB
- 32943 AC ADAPTER 230V - 50 Hz
- 32922 ADULT CUFF 22-30 cm - black - spare
- 32923 ADULT L CUFF 30-42 cm - grey
- 32920 ADULT XL CUFF 42-48 cm - grey

TECHNICAL SPECIFICATIONS

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

OMRON DIGITAL BLOOD PRESSURE METERS



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



OMRON connect mobile application for iPhone/Android

OMRON BLOOD PRESSURE MONITOR USER GUIDE

	M7 INTELLI IT	M6 COMFORT IT	M3	M2	RS3
Clinically validated*	X	X	X	X	X
Intellisense technology	X	X	X	X	X
Irregular heartbeats detector	X	X	X	X	X
Cuff position detector	X	X	X	X	X
Cuff	Moulded comfort cuff 22-42 cm	Moulded comfort cuff 22-42 cm	Long lasting cuff 22-42 cm	Cuff 22-32 cm	Wrist cuff 13,5-21,5 cm
Memory measurements	100 for 2 users	100 for 2 users	60 for 2 users	30	60
Movement detector	X	X	X		
Blood pressure light indicator**	X	X	X		
Average 3 last measurements***	X	X	X		
Morning hypertension	X	X			
Intelli Wrap technology****	X	X			
PC connection	X				

*To verify validations, please see www.dablededucational.org

**Signal in case the values exceed the E.H.S. standards for domiciliary auto-measurements (85 systolic pressure and/or 135 diastolic pressure)

***Average of 3 last measurements made in a 10 min period of time

****360° accuracy: accurate measurements from any position around the upper arm



CE 0197

• 32949 OMRON M7 INTELLI IT - HEM-7322T-E

With Intelli wrap cuff technology. Cuff 22-42 cm.

The connect OMRON app for smartphone allows to monitor parameters, create personalized programs, download data on PC and share them with physician. Multilanguage box and manual: GB, FR, IT, ES, DE, NL, RU, TR, Arabic.

• 32929 AC/DC ADAPTOR



Intelli wrap cuff fits normal and large arms and eliminate inaccurated readings associated with incorrect positioning

CE 0197

CE 0197

CE 0197

• 32944 OMRON M2 HEM-7121-E with Easy cuff 22-32 cm.

Multilanguage box and manual: GB, FR, IT, ES, DE, NL, RU, TR, Arabic.

- 32933 ADULT EASY CUFF 22-32 cm - HEM-CR24 - spare
- 32929 AC/DC ADAPTOR

• 32928 OMRON M3 HEM-7131-E With Easy cuff 22-42 cm.

Multilanguage box and manual: GB, FR, IT, ES, DE, NL, RU, TR, Arabic.

- 32938 ADULT EASY CUFF 22-42 cm - HEM-RML31 - spare
- 32929 AC/DC ADAPTOR

• 32948 OMRON M6 COMFORT - HEM-7321-E

With Intelli wrap cuff technology. Cuff 22-42 cm.

- Multilanguage box and manual: GB, FR, IT, ES, DE, NL, RU, TR, Arabic.
- 32929 AC/DC ADAPTOR



CE 0197

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

TECHNICAL SPECIFICATIONS

	32944 M2	32928 M3	32948 M6 32949 M7	32932 RS3
Measuring method:	oscillometric			
Measuring range: Pressure:	0 mmHg to 299 mmHg ± 3 mmHg			
Pulse:	40 to 180 min ± 5% of display reading			
Memory (with date and time):	30	60x2 users	100x2 users	60
Inflation:	fuzzy logic controlled by electric pump			automatic
Deflation:	automatic pressure release valve			automatic
Rating:	6VCC 4W			
Power source:	4 "AA" batteries 1.5 V	4 "AA" batteries 1.5 V	4 "AA" batteries 1.5 V	2 "AAA" batteries 1.5 V
Battery life (N° of measurements):	1000	1000	1000	300
Protection against electric shock:	internally powered ME equipment (when using batteries)			
Weight (console+cuff) whitout batteries:	250+130 g	280+170 g	380+163 g	101 g
Size:	103x80 xh 129 mm	107x141xh 79 mm	124x161xh 90 mm	78x60 xh 21 mm
Cuff materials:	nylon and polyester			
Measurable circumference:	22-32 cm	22-42 (arm)	22-42 (arm)	13.5-21.5 (wrist)



MICROLIFE AFIB BLOOD PRESSURE MONITOR - STROKE PREVENTION



- 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

DETECTION OF ATRIAL FIBRILLATION

MICROLIFE AFIB technology
 An innovative and patented technology for the early detection of Atrial fibrillation (AF) More than 30,000 fatal strokes can be prevented within the European Union by using Microlife AFIB Technology in primary care
 The new Microlife AFIB technology allows simultaneous blood pressure measurement and AF screening.
 Microlife AFIB technology detects AF with high sensitivity (97-100%) and specificity (89%) as demonstrated in several clinical studies.
 Nice guidelines for "Diagnosis and assessment of hypertension" recommended using AFIB screening for routine blood pressure measurement in primary care.
 AF screening by using a Microlife AFIB device is highly recommended in patients that have to monitor their blood pressure while at home.

- 32867 MICROLIFE AFIB EASY (Home use)
 - detection of atrial fibrillation (specific heart arrhythmia)
 - clinically tested (BHS protocol)
 - MAM technology (automatic analysis of 3 consecutive measurements)
 - 1 Data memory
 - traffic light indicator
 - low battery indicator
 - rechargeable battery-friendly
 - mains adapter port
 - equipped with world's latest technologies
 - Clinically reliable measurements with AFIB & MAM
 - 5 years warranty
- Supplied with carrying bag, preformed conical cuff 22-42 cm and manual (GB, FR, IT, DE). Other languages available from web: AR, BG, DK, NL, EE, FI, GR, KZ, LV, LT, NO, PT, RO, RU, ES, SE, UA.
- 32866 ADAPTER DC 6V, 600 mA
 - 32884 ADULT CUFF M-L 22-42 cm - spare
 - 32885 ADULT CUFF L-XL 32-52 cm

A&D BLUETOOTH BP MONITOR



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

TECHNICAL SPECIFICATIONS	
Method	Oscillometric
Display type	Digital, LCD16 mm /10 mm digit height, 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

- **32908 GEMINI BLUETOOTH SPHYGMOMANOMETER**
Electronic sphygmomanometer with fully automatic measurement of blood pressure.
- wide blue mode backlight LED display 12.8x5 cm.
- 60x2 groups memory
- average function for the last 3 measured values
- IHB function (irregular beat detection)
- WHO graduation (B.P. classification indicator)
- Bluetooth 4.0 connectivity, free APP (iOS and Android) to manage and track BP measurements
- **32909 DC 6V POWER ADAPTER**

TECHNICAL SPECIFICATIONS

MWI Technology (Measuring While Inflating)
 Measuring range: Pressure: 0-300 mmHg \pm 3 mmHg
 Pulse: 40-199 beats/min \pm 5% of reading
 Power supply: 4xAAA batteries (not included)
 DC 6V power adaptor - optional
 Size: 182x100x39 mm Arm cuff: 22-32 cm

ADULT AND PEDIATRIC B.P. MONITOR WITH SpO₂ OPTION



Supplied with medium cuff (18-26 cm) and multilanguage manual (GB, FR, IT, ES, PT)



32902

PC software for data review, result analysis, trend chart observation and report print

- **32902 LEO ELECTRONIC SPHYGMOMANOMETER - with software**
Electronic sphygmomanometer with fully automatic measurement of blood pressure and large, high definition colour LCD display. Suitable for adult, pediatric and neonatal use.
- data storage (3 users) for up to 100 groups of data
- automatic one-touch operation
- alarm function with possibility to set alarm limits
- dual scales: kPa and mmHg
- selection of five cuff sizes
- automatic power off
- optional SpO₂
- **80556 POWER ADAPTOR**

TECHNICAL SPECIFICATIONS SPO₂
 SpO₂ range: 0%-100% (resolution 1%)²
 SpO₂ accuracy: 70%-100%: \pm 2%
 PR range: 30-250 bpm, (resolution 1 bpm)
 PR accuracy: \pm 2 bpm or \pm 2% (select larger)

TECHNICAL SPECIFICATIONS SPHYGMO
 Measurement method: oscillometric
 Measurement range: 0-38.67 kPa (0-290 mmHg)
 Resolution: 1 mmHg
 Accuracy: static pressure: \pm 0.4 kPa (\pm 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

code	SPO ₂ PROBES*
32903	SpO ₂ reusable adult probe
33755	SpO ₂ disposable adult probe
33756	SpO ₂ disposable child probe (3-20 kg)
33757	SpO ₂ disposable pediatric probe (10-50 kg)
80558	Extension cable for SpO ₂ probes

*All SpO₂ probes need extension cable

code	CUFFS	Size	Suitable for
80551	Small	6-11 cm	Child small
80552	Small/medium	10-19 cm	Child
80553	Medium	18-26 cm	Adult
80554	Large	22-32 cm	Adult large
80555	X-Large	33-47 cm	Adult extra large

24 HOURS BLOOD PRESSURE MONITOR SYSTEM



32780

- **32780 DAILY ABPM + software**
A simple, economic and small size unit for 24 hours ambulatory blood pressure monitoring. Main features:
- 4 - memory zones, 99 - readings each (total 396 measurements)
- patient-friendly performance at affordable price
- automatic measurement by two predetermined intervals
- irregular Heartbeat detector, detect a disturbance in the regular rhythm of the heartbeat
- big LCD display showing measuring date and time
- 5 - mode average function, by hour, day, week, month and overall
- transfer to PC via software and USB plug of measured values
- lithium battery, long - time measurement
- Supplied with arm cuff (22-34 cm) carrying bag and software.
- **32783 ADULT CUFF - spare**
- **32784 LITHIUM BATTERY - spare**

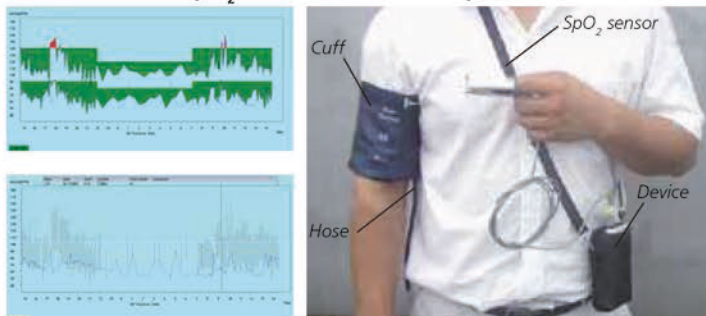
TECHNICAL SPECIFICATIONS

Measuring type: Oscillometric system
 Measuring range: Pressure: 20-80 mmHg \pm 3 mmHg
 Pulse: 40-195 beats/min \pm 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 date
 - clinically proven accuracy
 - all data can be transferred to a PC through Windows-based software or to a smartphone through Bluetooth (35112 only).
 - 35113 CHILDREN CUFF - arm circumference 18-26 cm
 - 35114 ADULT CUFF - arm circumference 25-35 cm
 - 35115 ADULT LARGE CUFF - arm circumference 33-47 cm
 - 35116 THIGH CUFF - thigh circumference 46-66 cm
 - 35117 EXTENSION TUBE FOR CUFFS (35113/4/5/6) - 1.5 m - spare
 - 35118 ADULT SpO₂ PROBE - reusable - spare



STANDARD ACCESSORIES	
Carrying bag	Software (GB - IT)
3 nylon cuffs (pediatric, adult, adult large) - latex free	Cuff connection tube 1.5 m
SpO ₂ probe (only code 35111)	Batteries
User manual: GB, IT	

TECHNICAL SPECIFICATIONS	
Display: colour LCD	Resolution: 1 mmHg
Power: two "AA", 1.5V alkaline batteries	Overpressure protection: 290 mmHg
Dimension: 120x80x32 mm	Alarm: systolic 40-270 mmHg
Weight: <350 g (including batteries)	diastolic 20-235 mmHg
	Map 10-270 mmHg (35111 only)
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)	
Pulse rate	
Range: 0-250 bpm (35111)	
40-240 bpm (35110, 35112)	
Resolution: 1 bpm	
Accuracy: ±1 bpm	
Alarm range: 30-250 bpm	
Operating system	
Windows XP/Seven, 8, 8.1 (at 32 & 64 bit)	

UP TO 52 HOURS AMBULATORY BLOOD PRESSURE MONITOR

- 33351 AM100 GIMA ABPM with adult cuff
- The AM100 is a compact, lightweight instrument that provides a cost-effective solution for monitoring patient's blood pressure outside the clinical environment. AM100 employs the popular oscillometric technique of blood pressure measurement. The simplicity of this technique provides for the quickest patient hook-up. AM100 interfaces with Win Pro PC Software for monitor programming as well as report editing and generation.
- Oscillometric technology:** quick hook-up, making it easy to use, saving your staff time
- Compact and quiet:** silent operation and compact size aid patient compliance.
- Low power consumption:** requires only two "AA" batteries, making this unit much less expensive than others.
- AM100 is supplied complete with software, adult cuff, carrying-bag, English manual and PC connection cable.
- 33348 PEDIATRIC CUFF - arm circumference 18-27 cm
 - 33349 ADULT CUFF - arm circumference 25-35 cm - spare
 - 33353 ADULT LARGE CUFF - arm circumference 33-40 cm

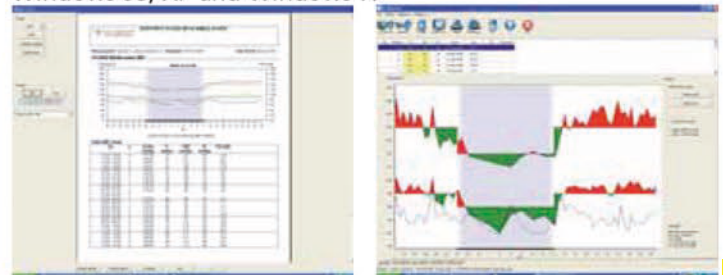


TECHNICAL SPECIFICATIONS
Technique: Oscillometry with step deflation
Blood pressure range: 25-260 mmHg ±3 mmHg
Heart rate range: 40-200 bpm
Display: Liquid crystal
Recording duration: Up to 52 hours
Sample quantity: Over 250 sample of systolic, diastolic, MAP and heart rate
Sampling periods: 3 time periods
Power source: 3 VDC/Two 1.5 V "AA" Alkaline

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.





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