



Professional diagnostic instruments
of the **highest standards.**

CONTENT

PREFACE	03
RIESTER TODAY	04
SPHYGMOMANOMETERS	05 -08
AUTOMATIC BLOOD PRESSURE DEVICES	09-10
INSTRUMENTS FOR E.N.T., OPHTHALMOLOGY, DERMATOLOGY	11 - 16
DIAGNOSTIC POCKET INSTRUMENTS	15
BINOCULAR LOUPES, INSTRUMENTS FOR OPHTHALMOLOGY	17
DIAGNOSTIC SYSTEMS	18-20
DIAGNOSTIC CAMERA SYSTEM	19
VITAL SIGNS MONITORS, PULSE OXIMETER, THERMOMETERS	21 - 22
STETHOSCOPES	23 -25
MEDICAL LIGHTING	26-27
LARYNGOSCOPES	28
BLOOD STASIS PRODUCTS	29
TUNING FORKS + PERCUSSION HAMMERS	30
VETERINARY INSTRUMENTS	31

Diagnostic instruments and devices of the highest standards.



At Riester, we understand the needs and challenges of our customers in their daily medical routines. Our goal worldwide is to help healthcare providers improve the lives of patients.

Through innovation, cutting-edge technology, and our commitment to excellence, our portfolio of diagnostic devices is setting standards.

Founded in 1948 in Jungingen, Germany, Rudolf Riester GmbH was acquired by Halma plc in 2007. This transformed the company from a family-owned business into being part of an international group of companies. Today we are one of the leading manufacturing companies of diagnostic devices for primary and hospital care across the globe and distribute our products in more than 150 countries. Our core values are: Achievement, Innovation, Empowerment and Customer Satisfaction. These are integrated into all aspects of our daily business routine.

Achievement

The Riester culture is one of responsibility and accountability, which means we take ownership of our projects with a clear view of the final objective. We are providing the responsiveness to customer needs of a small business, but with the added innovation, advanced manufacturing methods and qualified distribution network of a truly global company. This, in essence, created what Riester stands for today: world-class products and services for our customers.

Innovation

At Riester we foster innovation by combining decades of experience in developing and manufacturing diagnostic devices with out-of-the-box, innovative thinking. Our people are always eager to explore new technologies and create innovative applications. As a result we are now in the great position of being able to launch innovative products every year, while still having a well-filled product pipeline for the future.

Empowerment

Our employees are key to our success and we continue to invest in their development. From their initial training when they join Riester, followed by ongoing development programs and corporate management training, our employees are encouraged to contribute through excellence and teamwork. Our objective is to empower people and help them assume responsibility to help us, as a team, achieve our ambitious company goals.

Customer Satisfaction

Riester's customers expect nothing less than world-class products and services. Consequently, they are the center of all our efforts and activities, right across the company, from research and development through to manufacturing, marketing and sales. Designed for demanding, everyday use in doctors' practices and hospitals, many of our products are developed through close cooperation between our engineers and specialists from research centers and university hospitals. During the development phase, our test procedures and facilities lay the foundation for products of outstanding quality, even before the actual manufacturing process starts.

All Riester products are manufactured according to the following international standards

- CE [Europe], FDA [USA], Gost [Russia], CFDA [China], SFDA [Saudi Arabia]
- ISO 9001 [since October 1997]
- ISO 9001/2008 recertification [November 2011]

Internally, Riester sets higher standards than required by norms and guidelines. In order to comply with these exceptionally high internal standards, we only use high-grade materials from reliable suppliers and apply the latest manufacturing methods, with every product having to pass several intermediate and final quality checks. All our manufacturing personnel receive expert training to ensure world-class finishing and quality. Our products come with a minimum two year warranty.

Our products are distributed from our headquarters in Jungingen, Germany and our international subsidiaries in North Carolina, USA, Sao Paulo, Brazil and Shanghai, China through a worldwide network of qualified distribution partners. This not only ensures instant availability, but also high-level local consulting and on-site service. Our distribution partners receive regular, meticulous training in product knowledge and service in order to offer our customers a world-class service to go along with our quality products.

Riester's distribution service includes:

- Worldwide marketing authorization for our products, together with the necessary certifications (CE, ISO, FDA, Gost, etc) and quality assurance systems
- Professional, quick international order processing
- Short delivery times
- Service documentation for repairs and replacement parts as well as sales literature in a number of languages
- Regular training of distribution partners in product knowledge and service
- Regular notification of distribution partners about innovations and company developments
- Participation in national and international exhibitions and congresses

**Yours very sincerely,
Management and staff Rudolf Riester GmbH**

ALWAYS ONE STEP AHEAD. RIESTER INSTRUMENTS

Not resting on one's laurels, that's one of the basic principles at **Riester**. **Riester** continues to grow, focused on leading edge product-development to deliver and tools and instruments designed for our customers' needs:

2008

ri-vital®
spot-check monitor: precise, robust, time effective.

R1 shock-proof®
The new standard for aneroid blood pressure measurement.

2009

ri-magic®LED
examination lights in an LED version with persuasive advantages!

2010

e-scope®
green efficiency, Pocket instruments 2.0 Bright light, Green technology.

2011

e-mega®
aneroid sphygmomanometer

LED Laryngoscopes

2012

ri-cardio
24h ABPM blood pressure monitor.

2013

cardiophon 2.0, duplex® 2.0
Stethoscopes

2016

RVS-100/200 series
Vital signs monitor

precisa® N shock-proof

EliteVue Fiberoptic Macro Oscope

2019

RCS-100 Diagnostic Camera System
RBP-100 Automatic blood pressure device



QUALITY MEETS PRECISION



Success of our products “Made in Germany” doesn’t happen by accident

Riester does all the manufacturing and assembly for our sphygmomanometers in our factory in Germany. Years of use by our customers and our internal reliability testing shows that the quality is built in and our products will deliver consistent performance far longer than the competition.

Sphygmomanometers from Riester are a vast improvement in accuracy from mercury devices and offer a lifetime of service. The maximum error tolerance for our sphygmomanometers is +/- 2mm Hg which exceeds the international standard.

Choose from our large product variety with screw-in or plug-in connections and a large variety of cuffs to fit all sizes, disinfectant options, bandage, and hook models. Riester sphygmomanometers are also available as latex-free versions, with high precision air release valves and micro filters to protect the measuring system.

R1 shock-proof®

Exact precision that lasts a lifetime!



- Patented (pending) shock-proof technology.
- Air duct for stable pointer movements.
- Fast, ergonomic inflation due to optimized ball design with integrated spoon.
- Non-resistant opening of air release valve ensures precise and comfortable operation.
- 5 year warranty on calibration.
- Shock-proof up to a height of 120 cm (47.24 in).
- Focus Green Silver 2008 Design Award.
- Scale: Ø 52 mm (20.47 in) white with blue pointer or 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 mm Hg.
- Extensive selection of various cuff sizes.
- Weight: 173 grams (0.381 lb).
- Set with storage box and 3 cuffs (XL adult arms, adults, children) and R1 shock-proof with white scale.

No.: 1250-107 black scale, adult cuff

No.: 1251-107 white scale, adult cuff

No.: 1260 set of 3 cuffs in zipper case

No.: 1261 set of 3 cuffs with tabletop storage box

minimus® II

Metal Aneroid sphygmomanometer. Single-tube model.



- High-polished chromium-plated metal casing with metal ring, corrosion-protected.
- Metallic screw tube connection at the top of the manometer for undisturbed handling.
- Metal valve base.
- Spoon-shaped handle made of stainless steel.
- Linear aluminium scale Ø 49 mm (19.29 in), easy to read.
- Latex bulb with chromium-plated precision air-release valve, fine regulation and non wearing.
- In vinyl zipper case.

No.: 1312 Includes adult cuff



precisa® N

Aneroid sphygmomanometer in aluminium- or ABS-plastic casing.

- Metal valve base.
- Spoon-shaped handle made of stainless steel.
- Linear aluminium scale Ø 63 mm [24.80 in], easy to read.
- Latex bulb with chromium-plated precision air-release valve, fine regulation and non-wearing.
- In vinyl zipper case.
- Sturdy ABS plastic casing.
- Metallic screw tube connection.
- Sturdy and lightweight casing made of aluminium.
- Plug-in tube connection made of metal.

No.: 1360-107 includes adult cuff



precisa® N shock-proof

Shock-resistant aneroid sphygmomanometer in ABS-plastic casing.

- Shock-resistant according to DIN EN 81060-1:2012-08.
- Shock-resistant from a height of 1m [39.37 in].
- Metal valve base.
- Sturdy ABS plastic casing.
- Metal screw tube connection.
- Ergonomically shaped spoon-typed handle made of stainless steel.
- Linear aluminium scale Ø 63 mm [24.80 in], easy to read.
- Latex bulb with chromium-plated precision air-release valve, fine regulation and non-wearing.
- Vinyl zipper case.

No.: 1364-107 includes adult cuff



e-mega®

State of the art aneroid palm style sphygmomanometer available as 1- and 2-tube version with disinfectable latex-free one-piece cuffs.

- 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 mm Hg.
- Disinfectable and washable one-piece cuffs in different sizes.
- Comfort – air release valve, wearfree, with fine adjustment.

No.: 1370-150 white, with adult cuff

No.: 1375-150 black, with adult cuff



babyphon®

Palm-style sphygmomanometer for pediatrician's offices and hospitals.

- Bear imprint on the cuff for children, infants and new-born children.
- Ergonomic spoon-shaped handle made of stainless steel.
- Metal manometer with aluminium scale Ø 49 mm (19.29 in), plastic manometer with aluminium scale Ø 63 mm (24.80 in), both linear and easy to read.
- Latex bulb with chromium-plated precision air-release valve, fine regulation and non-wearing.
- In padded nylon zipper case.

No.: 1441



exacta®

Classic aneroid sphygmomanometer. Two-tube model.

- Metal casing, black.
- Stainless metal clamp for hooking the manometer to the cuff.
- Latex bulb with precision air-release valve, fine regulation and non-wearing.
- Linear aluminium scale Ø 49 mm (19.29 in), easy to read.
- In vinyl zipper case.

No.: 1350 Includes adult cuff



ri-san®

Palm-style sphygmomanometer in consistent ergonomic design.

- Regulation of the air-release valve by simple finger-tip control.
- Plug-in tube connection at the top of the manometer for undisturbed handling.
- Latex-free bulb for inflating the cuff.
- Linear aluminium scale Ø 64 mm (25.20 in), easy to read.
- In vinyl zipper case.
- Model colors: slate grey, blue, saffron and green.
- Suitable for left and right-handed persons.
- Sturdy ABS-plastic casing.

No.: 1512 grey, stocked in USA

No.: 1517 blue, stocked in USA

No.: 1522 yellow, special order

No.: 1527 green, special order

*Each comes with adult cuff

big ben[®]

Exact precision that lasts a lifetime.

- Available as desk, wall, floor or anaesthesia models, either round or square.
- Generously dimensioned scale (Ø 147.2 mm / 5.8 in or 145.5 mm / 5.73 in) and high-contrast scale layout for optimum readability.
- Spacious basket on the reverse side for tubes and cuff.
- Latex bulb to inflate the cuff.
- Spiral tube can be extended to 3m (118.11 in).
- Non-wearing air-release valve with fine adjustment.
- Precision mechanism attached to a special support to ensure complete stability of the measuring system and the zero-point.

Wall model:

- Ideal for every hospital room.
- Can be swivelled horizontally 65° to the left and right.
- Glass-fiber reinforced wall bracket for maximum strength (comparable to steel).
- Simple conversion to the rail model.

Anaesthesia model:

- Same features as the wall model.
- Simple conversion to the wall model.

Floor model:

- Ø 53 cm (20.87 in), stand height of 0.70m (27.56 in) adjustable to 1.20 m (47.24 in).

Square Models Stocked in USA.

Round Models available, but are special order from Germany. Each model comes with an adult cuff.

No.: 1465 square, wall model

No.: 1478 square, floor model

No.: 1456 square, desk model

No.: 1459 round, wall model

No.: 1468 round, floor model

No.: 1453 round, desk model



AUTOMATIC BLOOD PRESSURE DEVICES, CLINICALLY VALIDATED ACCORDING TO INTERNATIONAL STANDARDS (BHS, EHS, AAMI)



RBP-100

Clinical grade digital blood pressure monitor. A new generation of a small, light and practical digital devices for maximum flexibility in patient diagnostics.

Benefits:

- BHS validated technology
- 4" Easy to read LCD screen
- Oscillometric mode provides fast readings, typically 30 - 40 seconds
- Auscultatory mode with auto-deflate (3 mmHg/sec) provides consistent patient BP measurement and allows clinicians to verify automated readings without removing the cuff
- Average mode (3x) allows more objective measurement results for clinicians and helps to reduce elevated readings due to white-coat effect
- Arrhythmia detection
- Clinically validated for patients with special conditions: hypertension, diabetes, pregnancy, pre-eclampsia, arteriosclerosis, end-stage renal disease, obesity, the elderly and for children → 3 years of age
- Memory: capacity for 210 readings
- Easy to use one touch operation
- Latex free cuffs included in standard delivery

No.: 1740 - Table Version
 No.: 1741 - Mobile Version
 No.: 1742 - Wall Version
 No.: 1743 - Rail Version



ri-champion N

ri-champion N: Fully automatic digital blood pressure monitor for precise and fast measurement. The clinically validated device according to BHS standard A/A offers an easy handling and irregular heartbeat recognition, 99 memories, pulse tone, date and time. It operates with AA-batteries (included) or an optional mains adapter.

- Measurement of blood pressure and pulse
- Meets the high BHS standard A/A
- Recognition of arrhythmia
- Large display
- Optical and acoustical pulse signal
- 99 memories
- Date and time
- Cuff storage
- Optional mains adapter

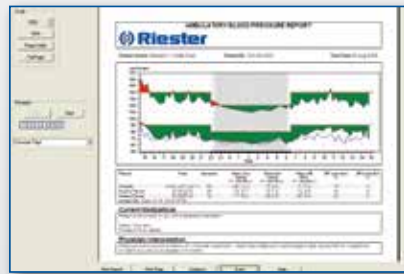
No.: 1725-145 adult cuff
 No.: 1725-146 extra large cuff
 No.: 1725-147 child cuff

ri-cardio

24h ABPM blood pressure monitor

- Light and compact design.
- Motion-tolerant technology reduces failed readings.
- Dynamic inflation above previous systolic reduces measurement time.
- Quiet pump operation.
- Flash memory eliminates the possibility of lost data.
- Patented, elastic cuff for a perfect fit without disturbing closure.
- Clinically validated technology, by BHS, EHS, AAMI.
- Including **ri-cardio**® Software with pdf-report function, compatible with patient data systems.

No.: 1760



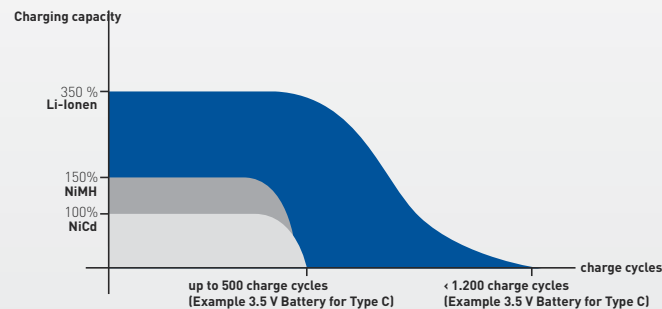
ri-scope® LED

ADVANCED LIGHTING AND OPTICS

The ri-scope®L opens a new era of high-performance and user-friendly diagnostic instruments. Li-ion/LED technology and new high-performance instruments significantly reduce costs while improving both effectiveness and reliability.

Li-ion - The power plus.

- 50 hours operational lifecycle of LED with fully charged Li-ion battery.
- Rechargeable battery lifetime: up to 1.200 charging cycles.



Next Generation LED Illumination - Performance for life.
Available in ri-scope®L instruments and ri-former® modular wall stations, except retinoscopes.

LED lighting – bright light with a nearly unlimited lifetime!

- Maintenance-free High-Performance LED technology - low running cost
- CRI > 90, color temperature 4.000 K - excellent color rendering close to natural day-light conditions for more efficient diagnosis
- LED's aligned with optical systems in instrument heads - homogenous light distribution across the field of view without reflections or shadows
- Designed for optimal heat dissipation - longer lifetime and brilliant illumination over the entire lifespan of the LED (100.000 hrs)
- High energy efficiency - three-times longer operation time than with conventional XL illumination.



rheotronic® – Patented technology for LEDs and bulbs.

- 100% light output after short switch activation.
- Continuously variable light adjustment.
- Automatic safety shut-down after 180 seconds.

No.: 10670 C handle suitable for alkaline or rechargeable batteries

No.: 10642 AA handle suitable for alkaline or rechargeable batteries



ri-scope® LED PREMIUM E.N.T. AND OPHTHALMIC INSTRUMENTS



ri-scope® L Otoscope

ri-scope® L 1, 2 and 3

- **ri-scope® L** Otoscope with optical glass and reduced reflection.
- Basic model L1 with reflection minimized direct illumination 2.5 V Xenon.
- Bi-directional swivelling optical glass with 3-fold magnification.
- Suitable for pneumatic tests (supplied without ball).
- Available with optional C or AA handles.
- L2 and L3 version with fiberoptic for optimal beaming and transmission of the light.
- L2 and L3 available either with Xenon or LED lighting.
- High-end version L3 equipped with operation lens **SpecEjec**.

No.: 3703 L2 LED otoscope. 2.5 V for 2 alkaline batteries. C handle

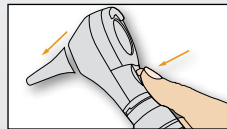
No.: 3704 L3 LED otoscope with specula eject feature. 2.5 V for 2 alkaline batteries. C handle

No.: 3703-550 L2 LED otoscope, 3.5 V for rechargeable battery. C handle

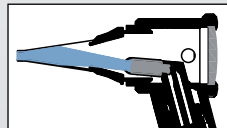
No.: 3704-550 L3 LED otoscope, 3.5 V for rechargeable battery. C handle

Please refer to master price list for additional product codes.

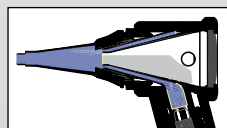
Otoscopies



The **SpecEjec** device enables touchless ejection of used ear specula for hygienic and simplified handling.



Reflection reduced, cost effective direct illumination with 2.5 V XL xenon or 3.5 V XL xenon lamps.



Fiber optics with 2.5V / 3.5V XL Xenon or 2.5V / 3.5V LED illumination ensure an unhindered, glare-free view.

Otoscope Heads

3.5 V Heads (With Anti-Theft)

No.: 10563-301 L1 xenon

No.: 10565-301 L2 LED

No.: 10567-301 L3 LED with **SpecEjec**

2.5 V Heads (To be used with Alkaline Batteries ONLY)

No.: 10582 L2 LED

No.: 10583 L3 LED

No.: 10960 Insufflator bulb for pneumatic test

L1/L2 disposable otoscope specula

No.: 10774-532 2mm

No.: 10774-531 2.5mm

No.: 10774-533 3mm

No.: 10774-534 4mm

No.: 10774-535 5mm

*Bags of 1000

No.: 12616 Adapter for ONLY L1/L2 otoscope heads.

Adapter used to accommodate Welch Allyn specula.

L3 disposable otoscope specula

No.: 10803-532 2mm

No.: 10803-533 3mm

No.: 10803-534 4mm

No.: 10803-535 5mm

No.: 10803-539 9mm (nasal specula)

*Bags of 1000



Coming Soon: USB Charging Handles



No.: 10708.002 Plug-in charger with lithium-ion rechargeable battery.



No.: 10706 Desk charger for quantity 2 handles.

ri-scope® L Ophthalmoscope



ri-scope® L 1, 2 and 3

- All **ri-scope® L** ophthalmoscopes with modular design impress with their high-performance optics with aspherical condenser lens and reduced reflection.
- The new **ri-scope® L** ophthalmoscopes have a thumbrest for securing the ophthalmoscope, which enables easy control of all the elements with one finger.
- Reflexes from the cornea and iris are avoided by separating the observational and illuminating light beams (Gullstrand's principle).
- 3 different versions L1, L2 and L3 available with correction lenses with up to 89 diopter values.
- Easy to operate aperture hand-wheel for apertures and filters included in all three versions.
- L1, L2 and L3 available either with XL Xenon or LED lighting.
- High-end version L3 includes a focussing device with zero retention force for the quick correction of ametropias.

No.: 3725-203 L2 LED ophthalmoscope. 2.5 V for alkaline batteries. C handle

No.: 3726-203 L3 LED ophthalmoscope. 2.5 V for alkaline batteries. C handle

No.: 3811-203 L2 LED ophthalmoscope, 3.5 V for rechargeable battery. C handle

No.: 3812-203 L3 LED ophthalmoscope, 3.5 V for rechargeable battery. C handle

Please refer to master price list for additional product codes.

Ophthalmoscope Heads (With Anti-Theft)

3.5 V Heads

No.: 10571-301 L2 xenon

No.: 10595-301 L2 LED

No.: 10573-301 L3 xenon

No.: 10596-301 L3 LED

2.5 V Heads (To be used with Alkaline Batteries ONLY)

No.: 10570 L2 xenon

No.: 10597 L2 LED

No.: 10598 L3 LED

Ophthalmoscopes

Apertures L1



Filters

Apertures L2



Filters

Apertures L3



Filters

ri-scope® L Sets

ri-scope® L sets with a cost-effectiveness which is particularly convincing. Batteries and charging units have to be ordered separately. Individual combinations of instruments on demand.

- 2.5 V instruments including XL xenon or LED lamps.
- 3.5 V instruments including XL xenon or LED lamps.
- All 2.5 V Xenon sets in a hard case with safety catches including spare lamps. (LED sets without spare lamps).

No.: 3746-203 L3 LED otoscope / L2 LED ophthalmoscope set. 2.5 V for 2 alkaline batteries, C handle.

No.: 3746.013 L2 LED otoscope / L2 LED ophthalmoscope set 2.5 V for alkaline batteries, C handle.

No.: 3817-203 L3 LED otoscope / L2 LED ophthalmoscope 3.5 V for rechargeable battery. C handle

*Additional sets available in 3.5 V rechargeable and non-rechargeable options.

Please refer to master price list for additional configurations and product codes.



EliteVue

FIBER OPTIC MACRO OTOSCOPE



The **EliteVue** otoscope is setting the standards.

The **EliteVue** offers twice the field of view and 66% greater magnification compared to standard otoscopes*. The **EliteVue** offers a significantly improved view of the auditory canal and tympanic membrane, enabling more efficient diagnosis and enhanced patient outcomes. Suitable for throat illumination.

- High-performance LED illumination (4,000 Kelvin, CRI = 92)
- More than 5-fold magnification
- Twice the field of view
- Complete view of the tympanic membrane
- Reflection-optimized high performance glass optics
- Wheel to adjust focal depth
- Easy to operate SpecEjec specula ejection device at the rear side of the otoscope to avoid contamination
- Suitable for pneumatic otoscopy (supplied without ball)
- A wide range of power supply options: as part of a diagnostic station, battery operated or with a rechargeable handle.

*at a distance of 15 mm (0.59 in) between landmark and distal tip of the specula

No.: 10510 2.5 V **EliteVue** head. (To be used with alkaline batteries only.)

No.: 10512-301 3.5 V **EliteVue** head. (With anti-theft, to be used with ri-former wall diagnostic station).

No.: 2200-204 **EliteVue** Otoscope 2.5 V LED with C handle for 2 alkaline batteries

No.: 2210-204 **EliteVue** LED otoscope / L2 LED ophthalmoscope set. 2.5 V, C handle for 2 alkaline batteries.

No.: 2211-203.002 **EliteVue** LED otoscope + 1 C handle
+ 1 lithium-ion rechargeable battery + plug in charger.

No.: 2212-203.002 **EliteVue** LED otoscope + L2 LED ophthalmoscope
+ 2 C handles + 2 lithium-ion rechargeable batteries + desk charger for 2 handles.

No.: 10960 insufflator bulb for pneumatic test

*Additional configurations available. Please refer to master price list for product codes.

Technical Data*

	EliteVue	ri-scope® L
Field of view, Ø	11 mm (0.59 in)	5,5 mm (0.59 in)
Magnification	5x	3x

Coming Soon

USB CHARGING HANDLES

- Lithium-ion rechargeable batteries offer a higher capacity which results in 2x longer operating time than other plug-in chargers and batteries.
- Medical grade power block and universal USB type C cable included.
- Fully charged in less than 3 hours.
- Available on EliteVue, ri-Scope L2, ri-Scope L3 Models





e-scope® BRIGHT LIGHT, GREEN TECHNOLOGY

3.7 V LED illumination and conventional alkaline batteries – an almost impossible combination up to now. Not just pie in the sky, but state of the art. The new **e-scope®** is the perfect blend of leading-edge LED technology, more efficient diagnosis and an environment-friendly energy source. Because the **e-scope®** breaks new ground with its world innovation, the IPC (Integrated Power Converter): younger, smarter and greener.

The innovative potential of the e-scope®

- LED technology for otoscopes and ophthalmoscopes with low-reflection, bright and white light. The pure white light (approx. 5.500 K) ensures color-neutral and white illumination in addition to improved color differentiation, thereby aiding more efficient diagnosis in comparison with halogen or xenon bulbs.

Otoscopes

No.: 2110-202 2.5 V Xenon otoscope, white
 No.: 2111-202 2.5 V Xenon otoscope, black
 No.: 2110-203 3.7 V LED otoscope, white
 No.: 2111-203 3.7 V LED otoscope, black

No.: 10960 insufflator bulb for pneumatic test

No.: 10961 connector required to attach insufflator bulb to e-scope otoscope for pneumatic test

Ophthalmoscopes

No.: 2122-201 2.5 V Xenon ophthalmoscope, white
 No.: 2123-201 2.5 V Xenon ophthalmoscope, black

No.: 2122-203 3.7 V LED ophthalmoscope, white
 No.: 2123-203 3.7 V LED ophthalmoscope, black

Oto/Oph Sets

No.: 2131-202 2.5 V Xenon, black
 No.: 2130-202 2.5 V Xenon, white

No.: 2131-203 3.7 V LED, black
 No.: 2130-203 3.7 V LED white

Disposable Specula for e-scope

*Bags of 1000

No.: 10774-532 2mm (child)
 No.: 10774-534 4mm (adult)

*Additional specula sizes available.



The world first in the e-scope® 2 cm² of sheer innovation

AA batteries deliver a maximum 3 V. However, a 3.7 V voltage means that considerably more efficient LEDs can be used. Incompatible technical prerequisites? Not anymore. With the IPC, **Riester** has succeeded in producing a development that revolutionises illumination of pocket instruments. Because the tiny IPC inside the **e-scope®** always converts the voltage of conventional AA-size batteries into the optimum voltage supply for LEDs, thereby allowing efficient operation of LED illumination with alkaline batteries. As a result, the IPC not only allows optimum light quality, but also provides economic and ecological benefits. The service life of a light-emitting diode is therefore up to 1.000 times longer than that of xenon illumination and the batteries used in the **e-scope®** are discharged considerably more thoroughly thanks to the IPC; consequently, they do not need to be disposed of and replaced as often.



uni®

uni® Oto-/Ophthalmoscope.

uni®I Otoscope:

- Otoscope head, chromium-plated, sturdy.
- With plug-in connector.
- Removable cover glass.
- Chromium-plated removable lens with 4x magnification.
- With Vacuum lamp, 2.5 V XL Xenon or 3.5 V Xenon lamps.

No.: 2010 Uni otoscope, 2.7 V vacuum bulb, C handle for alkaline batteries

uni®II May-Ophthalmoscope:

- Correction lenses from 0 to +20 and 0 to -20 dioptres. Aperture: large circle.
- With 2.5 V XL Xenon or 3.5 V Xenon lamps.

No.: 2020 May ophthalmoscope, xenon illumination, 2.5V for alkaline batteries.

uni®III Otoloscope/May-Ophthalmoscope:

- All models are fitted with battery handle type C for two batteries type C, and with rheostat for regulating the light intensity.
- No.: 2030 uni I otoscope + May ophthalmoscope. Includes reusable ear specula 2mm, 3mm, 4mm. For 2 alkaline batteries.



econom

The complete diagnostic set.

- Vacuum lamp 2.7 V , 2.5 V Xenon or 3.5 V Xenon lamps.
- A choice of two sets is available: with expandable nasal speculum or with Ø 9 mm nasal speculum.
- Alternatively supplied with halogen or xenon lamps and rechargeable handles with NiMH batteries.
- Apart from uni® otoscope and May-ophthalmoscope included are: Nasal speculum, bent arm illuminator, 2 laryngeal mirrors, tongue blade holder, 3 ear-specula, handle and spare lamp.
- Nasal speculum expandable, chromium-plated metal.
- Bent arm illuminator: Chromium-plated metal, for standard wooden tongue blade sizes or laryngeal mirrors, with battery handle type C for two batteries type C.

No.: 2050



ri-dermaLED

Direct light microscopy for examining the skin.

- Particularly suitable for the differential diagnosis of pigmented skin changes, such as e.g. malignant melanoma.
- The upper skin layers are made visible by wetting with immersion oil. Surface structures, color, pigment distribution, non-melanocytic structures can be assessed.
- Choice of 3.5 V LED or 2.5 V Xenon lamps.
- Instrument head constructed to be dust-proof.
- Focusable magnifying glass with 10-fold magnification for the most precise diagnoses and detailed images.
- Two attachments which do not harm the skin – one with a scale from 0 to 10 mm for measuring skin changes and one without a scale; both can be disinfected.
- Eyeglass protector.
- Simple exchange of the lamp at the base of the head.
- All handles and charging options from ri-scope®L are available.
- Comprehensive operating instructions.

No.: 3777

e-xam / fortelux N

Diagnostic penlights.

e-xam

- With pre-focussed 2.5 V XL or 2.5 V LED illumination.
- Tongue blade holder included, without batteries.
- LED Version: Photobiological validation as diagnostic lamp for pupils according to EN 62471:2008.

No.: 5130-01 2.5 V xenon, black

No.: 5130-02 2.5 V xenon, white

No.: 5131-01 3.5 V LED, black

No.: 5131-02 3.5 V LED, white

fortelux N

- With 3V LED, 6,500 Kelvin
- Photobiological validation as diagnostic lamp for pupils according to EN 62471:2008
- Including 2 batteries type AAA.
- Aluminium outer casing with disinfectable special lacquering.
- Simple on/off function through contact with the metal clip.
- Supplied singly or in packs of 6 (assorted colors or six per color)

*Please refer to master price list for product codes and colors.



fortelux N, pack of 1

No.: 5075-526 black

No.: 5074-526 silver

No.:5077-526 red

No.:5071-526 blue

No.:5078-526 purple

No.:5072-526 green

fortelux N, pack of 6

No.:5070 assorted colors

No.:5075 black

No.:5074 silver

No.:5077 red

No.:5071 blue

No.:5078 purple

No.:5072 green

Binocular loupes

Designed for comfort and performance.



An enlarged view simplifies your work. What you can't see you can't work on. The advantages of Riester's binocular loupes are obvious: Improved working posture, reduced strain on the eyes and an even clearer view with K-LED lighting. Ideal for ocular and dental examinations as well as plastic surgery and veterinary professionals.

Patient comfort

More distance during treatment makes patients feel visibly better and more relaxed.

Several magnification grades

Riester magnifiers perform in accordance with your requirements. Multiple magnification levels enable you to see more, spot problems earlier and offer even higher levels of precision treatment.

Attachment options

Select between the light Riester spectacle frame or the brow band system for the use of your magnifiers.

*Not stocked in the USA. Available via special order from Germany. Please allow 6 weeks for delivery.

Please contact Riester USA to request specific product codes and pricing.

ri-scope® retinoscope

For recognition of myopia and hyperopia as well as astigmatism.



- XL 3.5V xenon lamp or HL 2.5V halogen lamp.
- Two models are available: The spot-light retinoscope projects a circular light beam. The slit-light retinoscope with a light beam in the form of a line simplifies recognition and the determination of astigmatic refractive errors.
- Simple operation with knurled thumb screw. The line and spot image can be focussed with the operating element and turned 360°, angle can be read off the integrated scale.
- Holder for hanging and fixing the fixation cards into position for dynamic retinoscopy.
- Two fixation cards and one spare lamp are supplied within the set.
- Integrated eyeglass protection.
- Bayonet fitting for fast and secure attachment to the handle.
- Dust-tight, very sturdy and light casing made of impact resistant plastic.
- Simple exchange of the lamp at the base of the instrument head.

No.: 3794-203 Set with retinoscope + L2 ophthalmoscope.

ri-vision

ri-scope® L2 Ophthalmoscope and ri-scope® Retinoscope.



- Available in 2.5 V HL/XL or 3.5 V XL xenon illumination.
- In slit- or spot- version available.
- Two fixation cards for dynamic retinoscopy.
- 2 spare lamps included.

No.: 3794-203 set with retinoscope + L2 ophthalmoscope.

ri-former®

THE MODULAR DIAGNOSTIC SYSTEM

N0.: 1742 RBP-100

N0.: 3653 transformer with 1 handle

N0.: 300 extension handle

N0.: 3653-300 transformer with 2 handles

N0.: 3653-600 mobile transformer with 2 handles, mobile base, and large scale aneroid (heads not included)

N0.: 3655-109 large scale aneroid with adult cuff for diagnostic station

N0.: 3656-301 infrared thermometer for diagnostic station (tympanic)

No. 3658
Predictive thermometer with probe oral/axillary, including box of 20 pcs. disposable probe covers

No. 3658-01
Predictive thermometer with probe rectal, including box of 20 pcs. disposable probe covers

N0.: 3654 specula dispenser for diagnostic station

*Pre-configured units available. Please refer to product specific PDF and master price list for additional product codes and configurations.

ri-former®LED – the modular diagnostic system by Riester – optimal flexibility for hospitals and medical practices. The diagnostic station modules can be combined individually to suit the requirements and location. Thanks to its innovative design 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 more handle modules. The advantages of the ri-former® system can be seen in its versatile combination of options. With its centralized electrical power supply, the ri-former® offers the reliability required for the hectic day-to-day atmosphere of hospitals and medical practices. This guarantees cost savings and eliminates the need for batteries and rechargeable batteries, which is good for the environment.

Now also available with mobile stand or as an anaesthesia model for fixation on rail systems.

- Blood pressure options
 - Fully automated clinical-grade blood pressure monitor (**RBP-100**)
 - Manual large scale aneroid (**big ben®**)
- Thermometry options
 - Predictive probe thermometer (**RPT-100**)
 - Infra-red tympanic thermometer (**ri-thermo N**)
- LED illumination for otoscopes and 3.5 V xenon illumination for ophthalmological instruments supply daylight conditions.
- The handles automatically switch on or off when removing or replacing them in the handle unit; this saves energy and increases the service life of the lamps.
- Non-slip, ergonomically designed handles with **rheotronic®**: the handle enables continuously adjustable brightness as well as manual switching on and off.
- Developed and manufactured in Germany.



High Performance
LED

Next Generation LED Illumination -
Maintenance Free

ri-former®

WALL DIAGNOSTIC SETS - PRECONFIGURATED OFFER

3653-L2X2-XXXXU

ri-former wall transformer w/o clock, 2 handles, L2 LED 3.5 V otoscope, L2 XL 3.5 V ophthalmoscope.

3653-L3L3-SAXWU

ri-former wall transformer w/o clock, 2 handles, L3 LED 3.5 V otoscope, L3 LED 3.5 V ophthalmoscope, ri-spec specula dispenser, big ben wall aneroid, and wall board.

3653-L2X2-SATWU

ri-former wall transformer w/o clock, 2 handles, L2 LED 3.5 V otoscope, L2 XL 3.5 V ophthalmoscope, ri-spec specula dispenser, big ben wall aneroid, ri-thermo N tympanic thermometer and wall board.

3653-LEL2-SAXWU

ri-former wall transformer w/o clock, 2 handles, EliteVue 3.5 V LED Macro otoscope, L2 LED 3.5 V ophthalmoscope, ri-spec specula dispenser, big ben wall aneroid, and wall board.

3653-LEL2-XXXXU

ri-former wall transformer w/o clock, 2 handles, EliteVue 3.5 V LED Macro otoscope, L2 LED 3.5 V ophthalmoscope.

3653-LEL2-SABWU

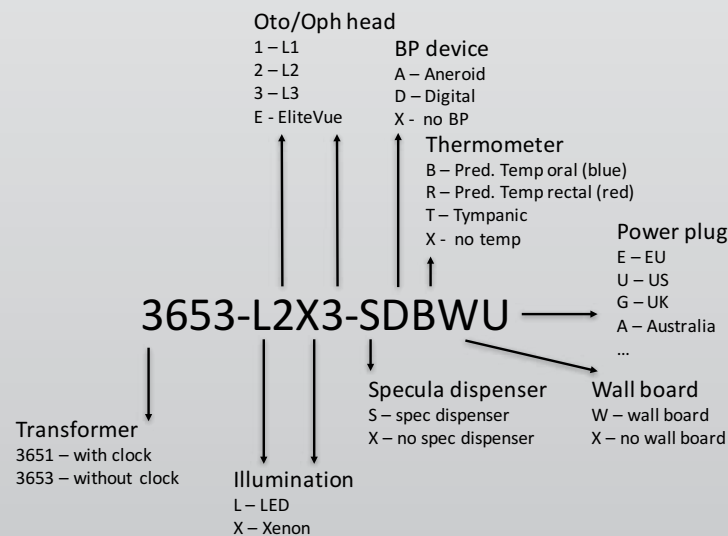
ri-former wall transformer w/o clock, 2 handles, EliteVue 3.5 V LED Macro otoscope, L2 LED 3.5 V ophthalmoscope, ri-spec specula dispenser, big ben wall aneroid, predictive temp oral/axillary, and wall board.

3653-LEL2-SDBWU

ri-former wall transformer w/o clock, 2 handles, EliteVue 3.5 V LED Macro otoscope, L2 LED 3.5 V ophthalmoscope, ri-spec specula dispenser, digital blood pressure device, predictive temp oral/axillary, and wall board.

ri-former®

PRE-CONFIGURED ARTICLE CODE GUIDELINE



RCS-100 DIGITAL, PORTABLE AND MULTIFUNCTIONAL MEDICAL CAMERA SYSTEM



Key Features

- Rotary wheel for one-hand operation
- Digital camera allows accurate first diagnosis and planning of consistent follow-up treatment
- Easy to use touch screen
- Simple lense connections makes changing lens fast and easy
- Multi functional diagnosis designed for ENT, dermatology and general practice
- 5" full HD color TFT-LCD display 1.280 x 720 pixel Including scratch proof cover LCD screen
- 8 MP CMOS delivers high resolution, scaleable images
- Automatic (otoscope/general lens) & manual (all lenses) focus settings

Available Model Numbers:

NO.: 1970-H basic model, no lenses

NO.: 1970-HXXO with otoscope lens

NO.: 1970-HDXX with dermatoscope lens

NO.: 1970-HXGX with general lens

NO.: 1970-HDGO with all lenses (otoscope, dermatoscope and general lens)

NO.: 1970-HDGX with dermatoscope and general lens

NO.: 1970-HXGO with general and otoscope lens

NO.: 1970-HDXO with dermatoscope and otoscope lens



OTOSCOPE LENS

- Enhanced view of auditory canal
- Disposable and reusable specula
- Visible white LED light
- 6x Magnification on display

Art.-No.: 13272



DERMATOSCOPE LENS

- Accurate identification and measurement of skin lesions
- No immersion necessary
- Visible white LED light
- 2x-8x Magnification

Art.-No.: 13270



GENERAL LENS

- Visible white LED light
- 5,500K LED color temp
- 78° Field of view
- 4x Digital Magnification

Art.-No.: 13271



RVS-100 ADVANCED VITAL SIGNS MONITOR

Key Features

- 3 measurement modes (Continuous, Spot-check, Triage)
- 8" TFT color touch screen
- Standard or Clinical grade NIBP* including averaging mode
- Standard, Masimo* or Nellcor* SpO2
- Covidien Filac 3000 Thermometry
- Full connectivity and compatibility with major EMR systems
- Programmable alarms (audible, visible)
- Nurse call
- Available as wall, desk and floor model
- Internal memory (*includes neonate mode)

Options

- Thermal printer (internal)
- Bar code reader
- Mobile stand
- WiFi



RVS-200 WALL DIAGNOSTIC STATION WITH VITAL SIGNS MONITOR

High Performance
LED



Key Features

- Includes all RVS-100 features
- Power supply for up to 3 diagnostic handles
- Maintenance-free HighPerformance LED illumination

Options

- Thermal printer (internal)
- Bar code reader
- WiFi

ri-fox N

Affordable mobile precision!



- Small, mobile device with integrated sensor.
- Simple and fast measurement by attaching to the finger.
- Bright LED illumination for good visibility.
- With visual pulse indicator.
- LED-display of %SpO₂, perfusion and pulse.
- Battery status indication.
- Battery lifetime of approx. 30 hours (in continuous operation).
- Standard AAA-batteries included, simple to change.
- Automatic switch-off after 8 seconds.
- 30 months guarantee.

No.: 1905

RPT-100

Fast-reading predictive probe thermometer

(only available as extension module for ri-former® wall diagnostic station)



- Comes with with oral/axillary (blue) or rectal (red) probe
- Predictive temperature module (Covidien Filac 3000 technology)
- Oral Quick Mode: +/- 0.3°C / 0.54°F, 3-5 seconds
- Oral Standard Mode: +/- 0.1°C / 0.18°F, 6-10 seconds
- Axillary Accuracy: +/- 0.1°C / 0.18°F, 8-12 seconds
- Rectal Accuracy: +/- 0.1°C / 0.18°F, 10-14 seconds
- Direct Mode: +/- 0.1°C / 0.18°F, 60-120 seconds
- Measurement range: 30°C to 43°C [86°F to 109°F]
- Cold Mode for hypothermic patients.
- Icon-based user interface on backlit LCD display.
- Interchangeable isolation chambers with matching probes.
- „Auto-On“, „Auto-off“ feature.
- Last temperature recall.
- Utilizes packs of 20 disposable probe covers.

No. 3658 Predictive thermometer with probe oral/axillary, including box of 20 pcs. Disposable probe covers.

No. 3658-01 Predictive thermometer with probe rectal, including box of 20 pcs. Disposable probe covers.



ri-thermo N

Multifunctional Infrared thermometer for professionals and private consumers – with CE 0124 approval, clinical validation.

- Three measurement functions: Apart from body temperature, exact and simple measurement of the temperature of liquids (e.g. baby bath-water or baby food) and the air temperature.
- Measurement takes approx. 1-2 seconds.
- Digital display for optimum readability of measurement values in °C or °F.
- Memory function for 12 measurements.
- Probe covers: A new probe cover should be used for every measurement in the ear for reasons of hygiene and accuracy. No ear-measurement should be made without a probe cover!
- Two alkaline manganese batteries type AA 1.5V included for approx. 1.500 measurements.
- Supplied with 40 probe covers in attractive sales packaging.
- Probe covers are available in packs of 25, 100 or 1.000.

No.: 1805 Tympanic thermometer supplied with plastic box

No.: 1806 Tympanic thermometer supplied with smart probe dispenser

RIESTER STETHOSCOPES PERFECT AUSCULTATION THROUGH RESEARCH AND DEVELOPMENT

Riester Stethoscopes 2.0 – simply better hearing!

60 years of experience in developing and manufacturing of stethoscopes, paired with the innovation power and the uncompromisingly high standard of quality of a globally successful company allowed **Riester** to set a new standard for stethoscopes.

The completely new constructed **cardiophon 2.0** and **duplex® 2.0** assign nothing less than a quantum leap in the quality of acoustics. Listen for yourself...

cardiophon 2.0

Cardiology Stethoscope cardiophon 2.0: Riester's masterpiece.

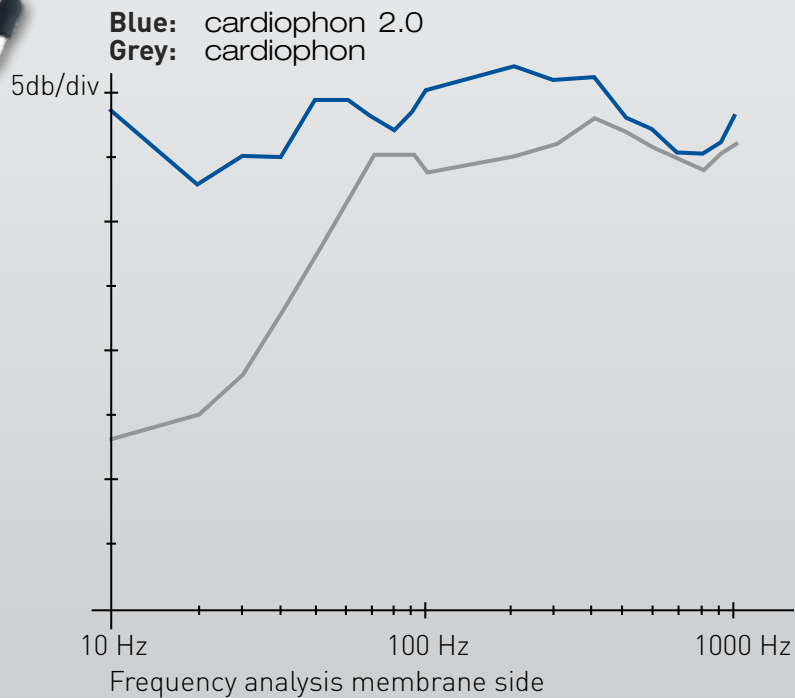
- Innovative acoustic system with extraordinary auscultation for all frequency ranges.
- High-precision double chest-piece made of stainless steel.
- Bilateral special membrane for precise acoustics, Ø 44 mm and 32 mm (1.73 in and 1.26 in).
- Anatomically shaped binaural with internal multiple spring for adjusting the contact pressure.
- Extra-soft, replaceable and pivotable ear-tips for perfect sealing at the ear canal and enhanced wear comfort.
- Y-tube with separate sound-conducting pathways for the left and right ear with particularly good audio-transmission.
- Total length: 71 cm (27.95 in)
- Weight: 204 g (0.45 lb)
- Latex-free
- Tubing colors: black, blue, burgundy

The **cardiophon 2.0** is supplied with two pairs of replacement ear-tips, a replacement membrane each and a name plate.

No.: 4240-01 black

No.: 4240-03 navy

No.: 4240-04 burgundy





duplex® 2.0

The new duplex® 2.0 offers acoustics in a class of its own for perfect auscultation of adults and children.

- Innovative acoustic system with extraordinary auscultation for all frequency ranges.
- Precision double chest-piece made of stainless steel or aluminium with special membrane for precise acoustics, Ø 44 mm (1.73 in).
- 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.
- Total length: 74 cm (29.13 in)
- Weight: 151 g / 0.33 lb (stainless steel, 97 g / 0.21 lb (aluminium)).
- Latex-free.
- Tubing colors: white, black, blue, red, green

duplex 2.0 Stainless Steel: No.: 4210-01 black, No.: 4210-02 white, No.: 4210-03 navy, No.: 4210-04 red, No.: 4210-05 green

duplex 2.0 Aluminium: No.: 4200-01 black, No.: 4200-02 white, No.: 4200-03 navy, No.: 4200-04 red, No.: 4200-05 green
No.: 4201-01 black edition

duplex® 2.0 baby

The new duplex® 2.0 baby has been developed specially for babies and children. The precision finishing of the double chest-piece guarantees high acoustic performance.

- Precision double chest-piece made of stainless steel.
- Special membrane for precise acoustics, Ø 32 mm (1.26 in), with novel non-chill rims for improved adaptation on the skin.
- Bell: Ø 23.5 mm (0.93 in)
- Total length: 69 cm (27.17 in)
- Weight: 124 g / 0.27 lb
- Latex-free
- Tubing colors: black, white, red, green

The duplex® 2.0 baby is supplied with one pair of replacement ear-tips, a replacement membrane and a name plate.

No.: 4220-01 black, No.: 4220-02 white, No.: 4220-04 red, No.: 4220-05 green



duplex® 2.0 neonatal

The double chest-piece with extra-fine finishing of the new duplex® 2.0 neonatal permits perfect auscultation of new-borns and babies.

- Extra-fine precision double chest-piece made of stainless steel.
- Special membrane for precise acoustics, Ø 24 mm, with novel non-chill rims for improved adaptation on the skin.
- Bell: Ø 17.5mm (0.69 in)
- Total length: 69 cm (27.17 in)
- Weight: 105 g / 0.23 lb
- Latex-free.
- Tubing colors: black, white, red, green

The duplex® 2.0 neonatal is supplied with one pair of replacement ear-tips, a replacement membrane and a name plate.

No.: 4230-01 black, No.: 4230-02 white, No.: 4230-04 red, No.: 4230-05 green



duplex®

Quality stethoscope with double chest-piece. Best quality at an attractive price.

- Excellent acoustics in all relevant frequency ranges.
- Double-headed chest-piece available in two types: chromium-plated brass or specially lightweight aluminium, galvanized.
- Special membrane for perfect auscultation, Ø 48 mm (1.89 in), with particularly flat and soft non-chill rims for improved adaptation on the skin.
- Bell, Ø 36 mm (1.42 in).
- Chromium-plated binaural, which can be adjusted by turning. With external spring.
- Soft, replaceable ear-tips with metal screw thread for comfortable and effective sealing of the external auditory canal.
- Strong Y-tube made of PVC to shield against undesired stray sounds.
- Latex-free.
- Overall length: 77 cm (30.32 in).
- duplex® is supplied with a pair of replacement ear-tips and a replacement membrane.
- Tubing colors: black, slate grey, blue, green
- Also available as duplex® baby and duplex® neonatal, both aluminium, color: blue.

Aluminum Chest Piece

No.: 4001-01 black

No.: 4001-02 slate grey

*Stocked in limited quantities in the USA.





tristar

The high quality stethoscope tristar with three different sized double chest-pieces for adults, children/babies and newborn children is outstandingly suitable for perfect auscultation in all frequency ranges.

- Excellent acoustics in all application areas.
- Double chest pieces for duplex®, duplex® baby and duplex® neonatal made of aluminium with rapid-exchange connector.
- Special membranes, Ø 48 mm [1.89 in], 36 mm [1.42 in], 28 mm [1.10 in], for first-class acoustics.
- Particularly flat and soft non-chill rims for improved adaptation on the skin.
- Bells Ø 36 mm [1.42 in], 28 mm [1.10 in], 24 mm [0.95 in].
- Matt chromium-plated binaural with integrated reinforced double-spring.
- Optimal sealing of the external auditory canal with soft, replaceable ear-tips with metal screw thread.
- Particularly strong Y-tube made of PVC for optimal acoustics to shield against undesired stray sounds.
- Overall length: 79 cm [31.10 in], 78.5 cm [30.91 in], 78 cm [30.71 in].
- Latex-free.
- tristar® is supplied with two pairs of replacement ear-tips, a replacement membrane each and a name plate.

No.: 4091 slate grey

No.: 4093 blue

*Not stocked in USA. Special order only.



ri-rap

The universal stethoscope ri-rap with double chest-piece and double tube system convinces by its flexible range of applications.

- Excellent acoustics in all application areas.
- Strong double tube with separate sound-conducting pathways for the left and right ears guarantees extraordinary audio-conductivity.
- Alternatively with 40cm [15.75 in] or 80 cm [31.50 in] tube length.
- Heavy chromium-plated double chest-piece with two membrane sides, Ø 45 mm [1.77 in] and 32 mm [1.26 in].
- Special membranes with surface structure to adapt better to the skin.
- Both membrane sides can be simply and quickly refitted with the enclosed bells (Ø 33.5 mm / 1.32 in, 27.3 mm / 1.08 in, 20.3 mm / 0.80 in) with the screw connections.
- Replacement parts box: three bells, each with a transparent membrane, two pairs of replacement ear-tips.
- Latex-free.
- ri-rap supplied complete with replacement parts in an attractive cardboard display box with foam insert.
- Tubing colors: black, blue

*Product not stocked in the USA. Special order only. Longer lead time required.



pinard

The pinard stethoscope is used to auscultate the heart sounds of the embryo in the womb.

- Available in two models: sturdy plastic or particularly lightweight, polished aluminium.
- Supplied in a cardboard box.

No.: 4190 plastic

No.: 4191 aluminium

BRIGHT LIGHT FOR EFFICIENT DIAGNOSIS

Riester head mirrors and headlights show their particular quality in everyday use.

Head mirror and headlights have to provide optimal illumination, but also have to fit properly. The high level of wearing comfort means non-fatiguing operation even after long periods of use. Innovative light techniques guarantee optimum viewing conditions. **Riester** head mirrors, headlights and examination lights are developed and manufactured in Germany.



ri-focus® LED

Powerful head light with focusable LED lamp.

- Headband version, with built-in battery compartment and integral charge jack, can be optionally fitted with 2 lithium batteries size CR 123 A, 4 batteries size AAA (alkaline) or 4 rechargeable batteries size AAA (NiMH).
- Headband cleaning made easy by inner, removable and washable padding.
- Particularly comfortable with balanced, infinitely adjustable headband.
- Use without any hindering cables.
- On/off switch on battery compartment.
- Charge jack for plug-in charger integrated in battery compartment.
- Focusable LED lamp at a distance of 40 cm / 15.75 in approx. Ø 40 mm / 1.57 in - Ø 200 mm 7.87 in, infinitely adjustable.
- White LED, 1 Watt, 6.200 Kelvin, 6 V.
- 7.100 Lux at 500 mm / 19.69 in, 17.500 Lux at 300 mm / 11.81 in.
- Battery operation: approx. 4 hrs. with lithium batteries, approx. 90 min. with alkaline batteries Type AAA.
- Rechargeable battery operation: approx. 90 min. with fully charged battery.
- Weight: 210 g / 0.46 lb without batteries, 242 g / 0.54 lb with CR 123 A lithium batteries, 259 g / 0.57 lb with rechargeable AAA batteries.
- Delivery in carton.

No.: 6090 Includes 2 lithium disposable batteries

No.: 6092 Includes quantity 4, rechargeable NiMH AAA batteries and 120v plug in charger



ri-magic® HPLED

Flexible illumination in office practices and hospitals.

- The most modern LED technology, similar to daylight and high-performance; ideal for examinations and smaller procedures.
- Lifetime of the lamp up to 50.000 hours, replacements no longer necessary.
- 100.000 lux in a distance of 40 cm / 15.75 in.
- Significantly less heating and energy loss.
- The focusing device at the front of the light head allows exact adjustment of the size of the illuminated examination area.
- Highly flexible, long special arm can be bent in all directions, the light remains fixed in the chosen position.
- Simple to use handle with rheostat for infinitely variable regulation of light intensity.
- Wide-range power cord for 230V/120V.
- Available with plugs to suit the electrical outlets in your country upon request.
- Power supply mounted to the pole (optional).
- Available with clamp, wall mount or mobile base.

No.: 6252.003 mobile model

No.: 6230.002 desk / rail model

No.: 6240.002 wall model





Laryngoscopes

Riester - Laryngoscopes with unique quality features.

- Exceptional longevity proven by test reports *
- Laryngoscopes available with integrated F.O. illumination, removable F.O. illumination or standard-illumination.
- Excellent LED 3.5 /2.5V, XL 3.5V/2.5V illumination and fiber optics or with 2.7V vacuum illumination.
- Macintosh und Miller blades with innovative blade design for optimum visibility of the epiglottis and vocal cords. Simple insertion of the endotracheal tube.
- Large choice of power sources:
 - maneuverable and sturdy battery handles and
 - charging bases
- Wide selection of laryngoscope sets for pediatrics and adults with particularly convincing cost effectiveness.
- All handles and blades are supplied singly and each can be individually combined within the fiber optics or standard model ranges.

2.5 V Handles for Alkaline Batteries ONLY
 No.: 12311 C handle, LED
 No.: 12312 AA handle, LED
 No.: 12317 Short, LED

3.5 V Rechargeable Handle
 No.: 12314 C handle, LED

3.5 V Rechargeable lithium-ion battery
 No.: 0691 C handle battery for desk charger

Desk Charger for 3.5V lithium-ion rechargeable battery handles
 No.: 10706

Plug-In charger for 3.5V lithium-ion rechargeable battery handles
 No.: 10708.002 (Includes lithium-ion rechargeable battery
 No.: 10694 + plug-in charger)

Non-rechargeable handles for ri-standard laryngoscope blades
 No.: 12307 C handle
 No.: 12308 AA handle

*Additional handles and illumination available. Laryngoscope sets also available. Please refer to product specific PDF for additional product codes.

ri-modul F.O.



MAC
 0 No.: 12260
 1 No.: 12261
 2 No.: 12262
 3 No.: 12263
 4 No.: 12264
 5 No.: 12272

Miller
 00 No.: 12274
 0 No.: 12275
 1 No.: 12276
 2 No.: 12277
 3 No.: 12278
 4 No.: 12279

ri-integral F.O.



MAC
 0 No.: 12230
 1 No.: 12231
 2 No.: 12232
 3 No.: 12233
 4 No.: 12234
 5 No.: 12235

Miller
 00 No.: 12240
 0 No.: 12241
 1 No.: 12242
 2 No.: 12243
 3 No.: 12244
 4 No.: 12245

ri-dispo



*Sold in packs of quantity 20 blades.

MAC
 1 No.: 12290
 2 No.: 12291
 3 No.: 12292
 4 No.: 12293

Miller
 0 No.: 12294
 1 No.: 12295
 2 No.: 12296
 3 No.: 12297
 5 No.: 12298

ri-integral flex F.O.



MAC
 3 No.: 12250
 4 No.: 12251

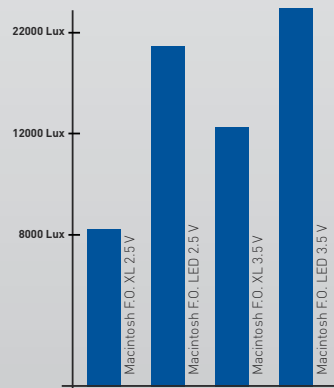
ri-standard



*2.7 V vacuum light source

MAC
 0 No.: 12210
 1 No.: 12211
 2 No.: 12212
 3 No.: 12213
 4 No.: 12214
 5 No.: 12215

Miller
 00 No.: 12220
 0 No.: 12221
 1 No.: 12222
 2 No.: 12223
 3 No.: 12224
 4 No.: 12225



* Test results after 1200 autoclaving cycles (134° C for 5 minutes with the Melag Vacuklav 31). Measurements were performed using a 2.5V XL Xenon lamp at constant light output at a distance of 40 mm from the distal end of the blade (size 3).



komprimeter

Classic device to restrict blood circulation during amputations.

- High precision, durable manometer for accurate pressure monitoring up to 700 mm Hg.
- Sturdy metal pump to produce pressure.
- Air can be released from the cuff via finely regulated, non-ageing air-release valve on the manometer.
- Includes upper arm cuff 57 cm / 22.44 in x 9 cm / 3.54 in and thigh cuff 96 cm / 37.80 in x 13 cm / 5.12 in.
- Optional extra: child's cuff 28 cm / 11.02 in x 6cm / 2.36 in.
- All cuffs made are made of material which can be washed and disinfected.
- Latex-free.

No.: 5255



ri-clip®

Fast and simple. The perfect vein compressor for blood extraction.

- Simple blood stasis by tightening the strap.
- Simple release at the clip.
- Avoids unpleasant catching of small hairs.
- Attractive design.
- Color matching other **Riester** products.
- Hygienic, can be disinfected with conventional disinfectants or autoclaved at 120 °C/1 bar.
- Available with latex and latex-free!

No.: 5000



Tuning forks

Large range of quality tuning forks and tuning fork sets for ear specialists and neurologists. Selected materials and first-class finish ensure maximum functionality and reliability.

- Highest quality materials: nickel steel or aluminium.
- Large selection of different frequencies: from 64 Hz to 4096 Hz.
- Tuning forks with and without clamps.
- Tuning forks with and without base for different requirements in everyday hospital and office practice.

Tuning forks are not stocked in the USA, but can be special ordered from Germany. Please refer to product specific brochure for item codes and contact your Riester representative for additional pricing and availability. (*Longer lead time applies).



Tuning fork sets

The tuning fork sets are well thought-out combinations in an attractive wooden or plastic case to perform full hearing tests. The most important frequencies are all conveniently to hand.

- Set I 8 tuning forks made of steel in wooden case.
- Set II 5 tuning forks made of steel in plastic case.
- Set III 5 tuning forks made of aluminium in plastic case.



Percussion hammers

Reliable and sturdy percussion hammers in Riester quality.



taylor
No.: 5030



dejerine
No.: 5038 with needle
No.: 5040 without needle



troemner
No.: 5045 .40lb
No.: 5046 .50lb



babinsky
No.: 5052



berliner
No.: 5055



queens
No.: 5058



buck
No.: 5035



metpak

For optimum pressure infusions.

- Pressure cuffs with manometer for producing pressure.
- For solutions or blood bags from 500 ml, 1.000 ml, 3.000 ml or 5.000 ml.
- Sturdy cotton cuff in blue, with suspension loop for infusion stands, washable up to 60 °C.
- Precise reading of the level in the bag thanks to a transparent net on the cuff.
- Chromium-plated manometer Ø 49 mm / 1.93 in with easy to read aluminium scale up to 300 mm Hg.
- Specially hardened copper-beryllium membrane.
- No zero-point setting required.
- Latex pad resistant to pressure.
- Latex-free inflation bulb.
- **metpak®** is also available latex-free.

No.: 5270 500ml

No.: 5275 1000ml

No.: 5270-536 3000ml

No.: 5270-537 5000ml



Veterinary instruments

Veterinary E.N.T./ophthalmic instrument sets.

- Selection of 2.5 V and 3.5 V XL xenon illumination technology.
- All-metal **ri-scope®** operation otoscope for a long service life, open design for unhindered use during examination and operation.
- Swivel lens with 2.5-fold magnification.
- **ri-scope®L** ophthalmoscope with glass-fiber reinforced casing, particularly sturdy, light-weight and durable.
- Focussing wheel with corrective lenses from 0 to +40 and 0 to -35 diopters.
- Easy-to-operate aperture hand-wheel with semi-circle, small/medium/large circle fixation star, slit and red-free filter with contrast-enhancing effect.

No. 3867

Vet de luxe I, 3.5V XL, for larger animals. Includes operation otoscope, ophthalmoscope, tongue depressor head, nasal speculum, and 5 long specula: 4mm, 5mm, 6mm, 7.5mm and 9.4mm. C-handle, for Li-Ion rechargeable battery and plug-in charger.

No. 10708.002

Plug-in charger WITH Li-Ion rechargeable battery 3.5V, for battery handle type C, US plug

*Additional vet kits available in rechargeable and non-rechargeable options. Please see vet specific brochure for additional product codes.



med-kit

Diagnostic Set

- Set including blood-pressure device, stethoscope, diagnostic penlight and percussion hammer; Otoscope, Ophthalmoscope and tuning fork are optional.
- All Sets are available in impact-resistant and portable cases.

No.: 5282 Special order only, not stocked in the USA. Please allow 6 weeks for delivery.

Riester USA, LLC
10404 Chapel Hill Road, Ste 112
Morrisville, NC 27560
Riester USA Office: 919-893-4449

For inventory and customer service inquiries
please email sales@RiesterUSA.com

