



ri-former®

modular diagnostic station

ri-former® modular diagnostic station

MORE EFFICIENT DIAGNOSIS

ri-former® – flexibility for hospitals and medical offices. 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 offices. This guarantees cost savings and eliminates the need for batteries and rechargeable batteries, which is good for the environment.

LED technology – maintenance free.

LED
inside

- With its monochromatic white light (reference color temperature = 5.500° Kelvin) the lamp in the ri-scope® L provides cold light and true-color, even illumination of the area under examination. LED have a lifetime of at least 10,000 hours (compared to 20-30 hours with Xenon and LED lamps) and are extremely energy-efficient.



ri-former®

PRODUCT CHARACTERISTICS

ri-former® modular diagnostic station

LED ILLUMINATION – BRIGHT, WHITE LIGHT WITH A NEARLY UNLIMITED LIFETIME!

- Available with only one handle and extendable up to maximum 5 handles and extension module ri-thermo® N/ big ben®.
 - Available with or without optional digital clock. The time of day is easy to read both day and night thanks to the illuminated display. The clock is connected to the power circuit and needs no batteries – no staff costs involved in changing the batteries.
 - LED illumination or alternatively 3.5 V Xenon.
 - The regulating switch enables optimal electronic efficiency.
 - Constant output voltage independent of the power supply prolongs the service life of the lamps and guarantees optimal light intensity.
 - 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.
 - Spiral cord stretches up to 3 m.
 - Easy cleaning and disinfection of the instruments.
 - Instrument heads available with and without anti-theft device.
 - If you need other voltages (besides 120 V or 230 V) or specialized plugs for your country, we request that you make this information available to us upon ordering.
 - Developed and manufactured in Germany.



ri-former®

PRODUCT CHARACTERISTICS

ri-former®

**DIAGNOSTIC STATION WITH MOBILE BASE
OR AS RAIL DESIGN**

Order numbers

Diagnostic stations with sturdy mobile base or as rail design, 2 handles, specula dispenser and optional big ben BPM. Available for 230V or 120V power supply including a wide range of plugs.

ri-former®
with mobile base
and big ben

3,5V/230V Nr. 3652-600
3,5V/120V Nr. 3653-600

- 2 handles
- ri-spec ear specula dispenser
- without clock
- mobile base made of fibreglass and chrom plated pole (height adjustable 105-130 cm), easy to move due to low friction castors, antistatic, 2 castors can be locked, diameter 53 cm.
- big ben BPM mobile base design including latex free adult velcro cuff and basket
- big ben rail design for separate rail attachment, see big ben leaflet page 3.

ri-former®
with mobile base

3,5V/230V Nr. 3652-500
3,5V/120V Nr. 3653-500

ri-former®
for rail

w/o universal clamp
3,5V/230V Nr. 3652-400
3,5V/120V Nr. 3653-400

Universal clamp
No. 10384



ri-former®

**DIAGNOSTIC STATION WITH MOBILE BASE
OR AS RAIL DESIGN**

Order numbers

ri-former® 1 handle

with clock

3,5V/230V Nr. 3650

3,5V/120V Nr. 3651

without clock

3,5V/230V Nr. 3652

3,5V/120V Nr. 3653

ri-former® 2 handles

with clock

3,5V/230V Nr. 3650-300

3,5V/120V Nr. 3651-300

without clock

3,5V/230V Nr. 3652-300

3,5V/120V Nr. 3653-300

Wall station with 1 or 2 handles. Further handles may be added by extension modules, see page 6/7.

- Without instrument heads.
- Complete with wall mounting plate, plugs, screws, and assembly plan.



ri-former®

EXTENSION MODULES

Order numbers

Extension module,
1 handle
Nr. 300

Extension module
big ben®
Bandage cuff adult
Nr. 3655-103

Hook cuff adult
Nr. 3655-106

Velcro cuff adult
Nr. 3655-109

Velcro cuff large adult
Nr. 3655-123

Velcro cuff children
Nr. 3655-130

Infrared thermometer
ri-thermo® N

without anti-theft security
Nr. 3656

with anti-theft security
Nr. 3656-301

ri-spec
ear specula dispenser
Nr. 3654

For L1/L2 disposable
specula in sizes of
2,5 mm and 4 mm

Packed in sleeves of 25 pcs.
1 box 40 sleeves 1000 pcs.

2,5 mm specula
Nr. 14065-531

Packed in sleeves of 25 pcs.
1 box 40 sleeves 1000 pcs.

4 mm specula
Nr. 14065-534

Extension module, 1 handle

- Automatic switch-on/off of handles when removing or replacing them in the handle unit.
- Ergonomic and non-slip.
- rheotronic®: infinitely variable regulation of brightness as well as manual switching on/off possible on the handle.
- Spiral cord expandable up to 3 m.
- For expanding the ri-former® base module, up to 4 handle modules possible.
- Complete with wall mounting plate, plugs, screws, and assembly plan.

Extension module big ben®

- Generously dimensioned scale with 145.5 mm long sides and high-contrast scale layout guarantees optimum readability.
- With extra sturdy wall mounting made of glass-fibre reinforced plastic and extraordinary sturdy casing.
- Maximum error tolerance: +/- 3 mm Hg.
- Also available as latex-free version (when ordering please indicate LF for "latex-free" before the article number).
- Supplied with spacious basket for storage of tubes and cuffs, as well as wall mounting plate, plugs and screws.
- Individual basket assembly possible thanks to expandable spiral cord.

Infrared thermometer ri-thermo® N

- Precise measurement of the body temperature in the ear. Clinical validation.
- Measurement takes approx. 1-2 seconds.
- Digital display for optimum readability of the measurement values in °C or in °F.
- Memory function for 12 measurements.
- Including dispenser for probe covers
- Two alkaline manganese batteries type AA 1.5 V included for approx. 1,000 measurements. Supplied with 40 probe covers in attractive sales packaging.

ri-spec ear specula dispenser

- Specula dispenser with 5 tubes for up to 5 specula sizes.
- Hygienic and practical solution, dispenses a new speculum for each examination.
- Simple to clean and disinfect.
- Easy to refill and can be closed with a cover.
- Filling level of specula tubes can be seen.
- Suitable for all Riester specula – except uni®/econom® with metal attachment.
- Can also be used independent of the diagnostic station.
- Complete with plugs and screws.

Disposable ear-specula

- Selection of different sizes.
- Made of black plastic.
- For single use.
- An especially hygienic option for the prevention of cross-contamination.
- Other sizes and specula for L3 otoscope on demand.



ri-former®

EXTENSION MODULES



ri-former®
INSTRUMENT HEADS



ri-scope® L
F.O. otoscope

			without anti-theft security		with anti-theft security	
• L1	3,5 V	XL	Art. No.: 10563	XL	Art. No.: 10563-301	
• L2	3,5 V	XL	Art. No.: 10580	XL	Art. No.: 10580-301	
• L2	3,5 V	LED	Art. No.: 10565	LED	Art. No.: 10565-301	
• L3	3,5 V	XL	Art. No.: 10581	XL	Art. No.: 10581-301	
• L3	3,5 V	LED	Art. No.: 10567	LED	Art. No.: 10567-301	



ri-scope® L
ophthalmoscope

• L1	3,5 V	XL	Art. No.: 10569	XL	Art. No.: 10569-301	
• L2	3,5 V	XL	Art. No.: 10571	XL	Art. No.: 10571-301	
• L2	3,5 V	LED	Art. No.: 10571-203	LED	Art. No.: 10595-301	
• L3	3,5 V	XL	Art. No.: 10573	XL	Art. No.: 10573-301	
• L3	3,5 V	LED	Art. No.: 10573-203	LED	Art. No.: 10596-301	



ri-scope®
human operation otoscope
without specula

•	3,5 V	XL	Art. No.: 10561	XL	Art. No.: 10561-301	
---	-------	----	-----------------	----	---------------------	--



ri-scope®
veterinary operation otoscope
without specula

•	3,5 V	XL	Art. No.: 10542	XL	Art. No.: 10542-301	
---	-------	----	-----------------	----	---------------------	--



ri-scope® L
F.O. tongue blade holder

•	3,5 V	XL	Art. No.: 10535	XL	Art. No.: 10535-301	
•	3,5 V	LED	Art. No.: 10574	LED	Art. No.: 10574-301	



ri-scope® L
F.O. nasal speculum

•	3,5 V	XL	Art. No.: 10537	XL	Art. No.: 10537-301	
•	3,5 V	LED	Art. No.: 10575	LED	Art. No.: 10575-301	



ri-scope® L
F.O. bent arm illuminator

•	3,5 V	XL	Art. No.: 10539	XL	Art. No.: 10539-301	
•	3,5 V	LED	Art. No.: 10576	LED	Art. No.: 10576-301	



ri-scope® L
retinoscope (skiascope),

• with slit-light	3,5 V	XL	Art. No.: 10544	XL	Art. No.: 10544-301	
• with spot-light	3,5 V	LED	Art. No.: 10546	LED	Art. No.: 10546-301	



ri-derma®
dermatoscope

•	3,5 V	XL	Art. No.: 10551	XL	Art. No.: 10551-301	
•	3,5 V	LED	Art. No.: 10577	LED	Art. No.: 10577-301	

Rudolf Riester GmbH | P.O. Box 35 | Bruckstraße 31 | DE - 72417 Jungingen | Germany
Tel.: (+49) +7477-9270-0 | Fax.: (+49) +7477-9270-70 | E-Mail: info@riester.de | www.riester.de

Subject to alterations 901004-50 Rev.I 2012-10