

diplomat-presameter®



minimus® II



ri-san®



exacta®



big ben®



ri-champion®



ri-mini®/pen-scope®



E.N.T. endoscopes



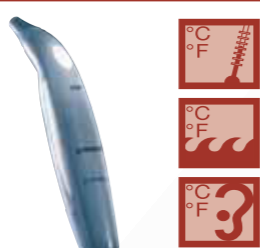
ri-scope® L



ri-former®



ri-thermo® N



cardiophon®



ri-clar®



ri-focus® LED



ri-integral



ri-fox



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Sphygmomanometers | Instruments for E.N.T., Ophthalmological Instruments | Dermatological Instruments | Thermometers | Stethoscopes | Headmirrors, Headlamps, Examination lamps | Laryngoscopes | Gynecological Instruments | Percussion hammers | Pulse oximeters | Tuning forks |

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You can find detailed descriptions of the products in our catalog (Order no. 51231-50). Or log on to our website: [www.riester.de](http://www.riester.de).

Rudolf Riester GmbH & Co. KG  
P.O. Box 35 • 72417 Jungingen  
Germany  
Tel.: +49 (0)74 77-92 70-0  
Fax: +49 (0)74 77-92 70-70  
info@riester.de  
[www.riester.de](http://www.riester.de)

**NEW!**

# ri-former®

The modular diagnostic station by Riester.



**LED**  
*inside*

Instruments for ENT  
Ophthalmological instruments

ri-former®

## LED illumination – Bright, white light with a nearly unlimited lifetime!

ri-former® – the modular diagnostic station 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.

- Also available with **only one handle** and extendable up to **maximum 5 handles** and extension module ri-thermo® N.
- 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** for otoscopes and **3,5 V xenon illumination** for ophthalmological instruments supply daylight conditions.
- 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, while the adjustable light intensity setting is maintained until the next examination.

- Non-slip, ergonomically designed handles **with rheostat**: 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**.



## LED technology – power for lifetime.

With its monochromatic white light (reference color temperature = 4200° Kelvin) the lamp in the ri-scope® L provides cold light and true-color, even illumination of the area under examination. 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.

**LED**  
*inside*



For up to 5 handles



## Combination suggestions

The diagnostic station ri-former® offers numerous individual combination possibilities. Depending on the room situation, the modules can be attached to the left or right of the ri-former® base module: e.g. with up to 5 handle modules, with ri-spec specula dispenser, big ben® square aneroid blood pressure measuring device and ri-thermo® N.



**LED**  
inside

## Diagnostic stations

The diagnostic station ri-former® can be fitted to meet all needs: it is available with one or two handles as well as with or without clock, connected to the power circuit and therefore independent of conventional or rechargeable batteries. Models with 230 V are supplied with 24-hour clock display, 120 V models with 12-hour display.



### Diagnostic station ri-former® 1 handle

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

|                 |             |
|-----------------|-------------|
| with clock      |             |
| <b>Nr. 3650</b> | 3,5 V/230 V |
| <b>Nr. 3651</b> | 3,5 V/120 V |
| without clock   |             |
| <b>Nr. 3652</b> | 3,5 V/230 V |
| <b>Nr. 3653</b> | 3,5 V/120 V |



### Diagnostic station ri-former® 2 handles

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

|                     |             |
|---------------------|-------------|
| with clock          |             |
| <b>Nr. 3650-300</b> | 3,5 V/230 V |
| <b>Nr. 3651-300</b> | 3,5 V/120 V |
| without clock       |             |
| <b>Nr. 3652-300</b> | 3,5 V/230 V |
| <b>Nr. 3653-300</b> | 3,5 V/120 V |



## Extension modules

The ri-former® diagnostic station: Modular system for numerous diagnostic possibilities. ri-former® and its extension modules fit in every practice and hospital facility.

### Handle modules



#### Extension module, 1 handle

Nr. 300

- Automatic switch-on/off of handles when removing or replacing them in the handle unit. The adjusted light intensity setting is saved until the next examination.
- Ergonomic and non-slip.
- Rheostat: 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.

### big ben®



#### 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.

### ri-thermo® N



#### Infra-red 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.
- Probe covers: A new probe cover should be used for every measurement in the ear for reasons of hygiene and accuracy. No measurement should be made without a probe cover!
- Two alkaline manganese batteries type AA 1.5 V included for approx. 1,000 measurements. Supplied with 40 probe covers in attractive sales packaging.

### Ear specula dispenser



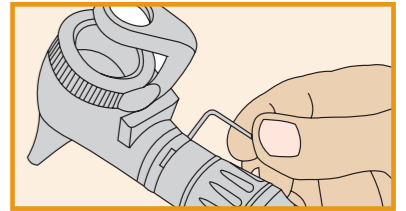
#### ri-spec ear specula dispenser

Nr. 3654

- 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.

## Instrument heads

Always the right one to hand: There are numerous instrument heads available for the ri-former®. All with 3.5 V LED- / xenon illumination similar to daylight and optional anti-theft security. Further information on ri-scope® instruments and replacement parts can be found in our ri-scope® L brochure, which we will be pleased to send to you upon request.



Using the Allen key supplied, the instrument heads can be secured to avoid theft.

|   |   | without anti-theft security |           | with anti-theft security |               |           |
|---|---|-----------------------------|-----------|--------------------------|---------------|-----------|
|    | <b>ri-scope® L<br/>F.O. otoscope</b><br><i>LED inside</i>             | L1                          | Nr. 10563 | XL 3,5 V                 | Nr. 10563-301 | XL 3,5 V  |
|   |   | L2                          | Nr. 10565 | LED 3,5 V                | Nr. 10565-301 | LED 3,5 V |
|   |   | L3                          | Nr. 10567 | LED 3,5 V                | Nr. 10567-301 | LED 3,5 V |
|    | <b>ri-scope® L<br/>ophthalmoscope</b>                                 | L1                          | Nr. 10569 | XL 3,5 V                 | Nr. 10569-301 | XL 3,5 V  |
|   |   | L2                          | Nr. 10571 | XL 3,5 V                 | Nr. 10571-301 | XL 3,5 V  |
|   |   | L3                          | Nr. 10573 | XL 3,5 V                 | Nr. 10573-301 | XL 3,5 V  |
|    | <b>ri-scope®<br/>human operation otoscope</b><br>without specula      |                             | Nr. 10561 | XL 3,5 V                 | Nr. 10561-301 | XL 3,5 V  |
|   | <b>ri-scope®<br/>veterinary operation otoscope</b><br>without specula |                             | Nr. 10542 | XL 3,5 V                 | Nr. 10542-301 | XL 3,5 V  |
|  | <b>ri-scope®<br/>F.O. tongue blade holder</b><br><i>LED inside</i>    |                             | Nr. 10535 | XL 3,5 V                 | Nr. 10535-301 | XL 3,5 V  |
|   |   |                             | Nr. 10574 | LED 3,5 V                | Nr. 10574-301 | LED 3,5 V |
|  | <b>ri-scope®<br/>F.O. nasal speculum</b><br><i>LED inside</i>         |                             | Nr. 10537 | XL 3,5 V                 | Nr. 10537-301 | XL 3,5 V  |
|   |   |                             | Nr. 10575 | LED 3,5 V                | Nr. 10575-301 | LED 3,5 V |
|  | <b>ri-scope®<br/>F.O. bent arm illuminator</b><br><i>LED inside</i>   |                             | Nr. 10539 | XL 3,5 V                 | Nr. 10539-301 | XL 3,5 V  |
|   |   |                             | Nr. 10576 | LED 3,5 V                | Nr. 10576-301 | LED 3,5 V |
|  | <b>ri-scope®<br/>retinoscope (skiascope),<br/>with slit-light</b>     |                             | Nr. 10544 | XL 3,5 V                 | Nr. 10544-301 | XL 3,5 V  |
|  | <b>ri-scope®<br/>retinoscope (skiascope),<br/>with spot-light</b>     |                             | Nr. 10546 | XL 3,5 V                 | Nr. 10546-301 | XL 3,5 V  |
|  | <b>ri-derma®<br/>dermatoscope</b><br><i>LED inside</i>                |                             | Nr. 10551 | XL 3,5 V                 | Nr. 10551-301 | XL 3,5 V  |
|   |   |                             | Nr. 10577 | LED 3,5 V                | Nr. 10577-301 | LED 3,5 V |