

# Diagnostic Sets

## e-scope - pocket instrument 2.0

White Light, Green technology.

**LED**

3.7V LED illumination and conventional alkaline batteries – an almost impossible combination up until now. 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, and almost unlimited service life..

LED technology for otoscopes and ophthalmoscope with low-reflection, bright and white light. The pure white light (approx. 5500K) ensures colour-neutral illumination in addition to improve colour differentiation, thereby aiding more efficient diagnosis in comparison with halogen or xenon bulbs. The LED illumination shows colours as they really are.



## IPC - Integrated Power Converter

Riester Innovation. The tiny IPC found inside the e-scope, converts the voltage of a conventional AA size battery into the optimum voltage supply for LED, 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.



	Black Code	White Code
e-scope® otoscope, direct illumination, vacuum 2.7 V, in pouch	RI.2101-200	RI.2100-200
e-scope® F.O. otoscope LED 3.7 V, in case	RI.2111-203	RI.2110-203
e-scope® ophthalmoscope vacuum 2.7 V, in pouch	RI.2121-200	RI.2120-200
e-scope® ophthalmoscope LED 3.7 V, in case	RI.2123-203	RI.2122-203
e-scope® otoscope, direct illumination/ophthalmoscope, vacuum 2.7V, in pouch	RI.2131-200	RI.2130-200
e-scope® F.O. otoscope / ophthalmoscope LED 3.7 V, in case	RI.2131-203	RI.2130-203

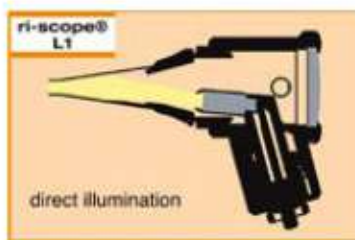
# Diagnostic

## ri-scope L Otoscope

High-end Version L3 with operation lens with 4-fold magnification and specula ejection device

- glass optics with high depth of focus and precise 3-times magnification up to the image margin
- reflection minimised, consistent illumination
- fiberoptics provide highest light efficiency

## Rheotronic



Reflection-reduced, cost-effective direct illumination with 2.5-V HL halogen or 3.5-V xenon lamps.



Fiber optics with 21.5-V/3.5-V XL xenon or 3.5-V LED illumination ensure an unhindered, glare-free view.



Rheotronic® makes examinations easier than flipping a switch. Riester handles with the patented rheotronic® function switch on automatically to the touch and shut off after 120 seconds by themselves when put away. The light intensity can be adjusted with the rheotronic®.



## ri-scope L Ophthalmoscope

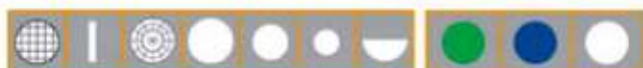
The ri-scope L ophthalmoscope's with high-performance optics, Available with correction lenses with up to 89 diopter values. High-end version L3 includes a focussing device with zero retention for force for the quick correction of ametropias.

- Dust-proof
- aspherical condenser lens
- coaxial observational and illuminational light beams
- reflection-reduced view even with small pupils.

*Ri-Scope L2: Gap, fixation star, larger circle, medium circle, small circle, semi-circle. Red-free filter, blue filter, polarisation filter.*



*Ri-Scope L3: Grid, gap, fixation star, larger circle, medium circle, small circle, semi-circle. Red-free filter, blue filter, polarisation filter.*





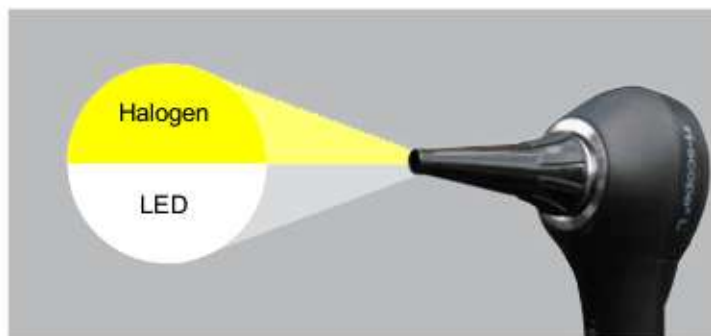
# Diagnostic

**LED + Li-Ion**  
*inside*

## LED

For uniform illumination of the examination field with pure white light (550K). The LED illumination shows colours as they really are.

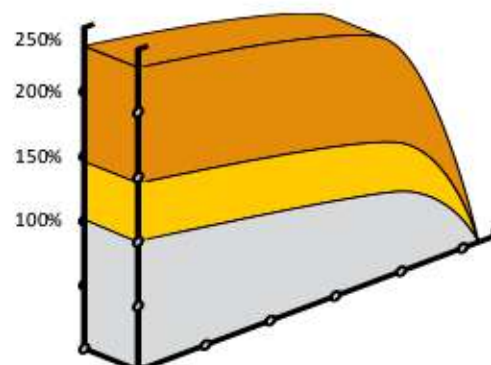
Helpful for efficient diagnostics plus an almost unlimited service life.



## Lithium-ion (Li-Ion) battery

Memory effect and self-discharge are no match: the light-weight lithium-ion battery used in the ri-scope L has an unsurpassed lifetime - with high load capacity and sustained high-power performance, even after well over 1000 charge cycles.

More light-weight, more powerful. Rheotronic- electronic light intensity adjustment for LEDs and light bulbs.



## ri-scope L sets

Premium hand held LED diagnostic instruments. LED illumination – bright white light with a nearly unlimited lifetime!

Available with Lithium Ion rechargeable batteries for ri-charger, or with individual Lithium batteries, with a lifetime of over 100 hours of use.

ri-scope® L otoscope L1 HL 2.5 V, C-handle for 2 alkaline-batteries C-type or ri-accu®	RI.3700
ri-scope® L F.O. otoscope L2 LED 3.5 V, C-handle for 2 lithium-batteries	RI.3703
ri-scope® L F.O. otoscope L2 LED 3.5 V, C-handle for ri-accu® L	RI.3703-550
ri-scope® L otoscope L1 HL 2.5 V, AA-handle for 2 alkaline-batteries AA-type or ri-accu®	RI.3705
ri-scope® L ophthalmoscope L2 HL 2.5 V, C-handle for 2 alkaline-Batteries C-type or ri-accu®	RI.3723
ri-scope® L ophthalmoscope L2 XL 3.5 V, AA-handle for ri-accu®L	RI.3729-550
ri-scope® L ophthalmoscope L2 LED 3.5 V, C handle for 2 x Lithium batteries	RI.3725-203
ri-scope® L F.O. oto- L3/ophthal. L2 XL 2.5 V,C-handle for 2 alkaline-batteries C-type or ri-accu®	RI.3745
ri-scope® L FO Oto L2/ Ophthalmoscope L2 LED 3.5 V, C handle with 2 Lithium Batteries	RI.3746-203.004
ri-scope® L FO Oto L2/ Ophthalmoscope L2 LED 3.5 V, C handle with ri-accu®L charger (one handle, one battery)	RI.3817-203.003
ri-scope® L FO Oto L2/ Ophthalmoscope L2 LED 3.5 V, C handle with ri-accu®L charger (two handles, two batteries)	RI.3817-203.011

