

DIAGNOSTIC INSTRUMENTS
Ophthalmology, ENT & Dermatology

e-scope®
Green Efficiency

The e-scope® pocket instruments are lightweight, economical otoscopes and ophthalmoscopes, perfect for carrying in your pocket throughout the day.



 **Riester**

e-scope® F.O. ophthalmoscope



e-scope® ophthalmoscope with LED illumination

- Innovative 3.7 V LED illumination for higher contrast and more efficient diagnosis
- Dioptre disc with 18 corrective lenses ($\pm 1, 2, 3, 4, 6, 8, 10, 15, 20$ dioptres)
- Easy-to-use wheel with 4 apertures and 2 filters (fixation star, large circle, small circle, semi-circle, blue filter and red free filter)
- High-performance optics with aspherical condenser lens
- Spectacle protection
- Parallel optical path
- Dust-protected

2123-203

e-scope® ophthalmoscope in case

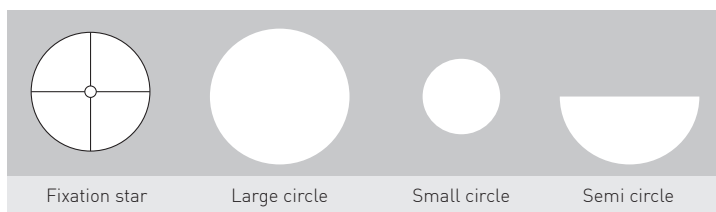


Dioptre Disc

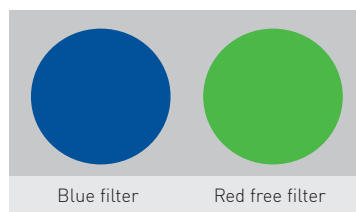
With 18 corrective lenses

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

Apertures

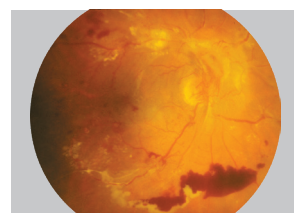
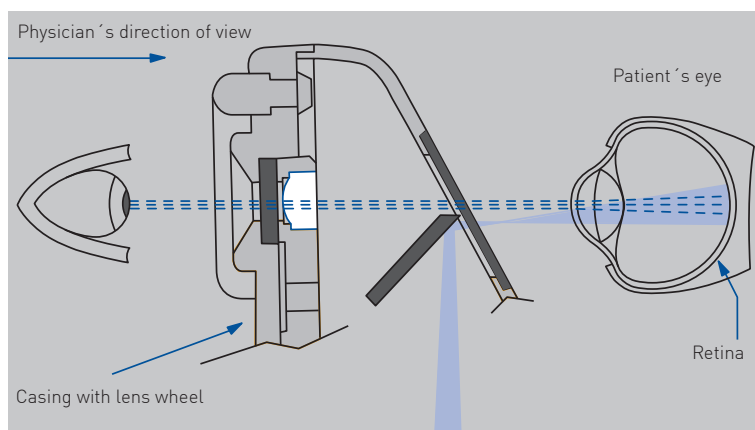


Filters

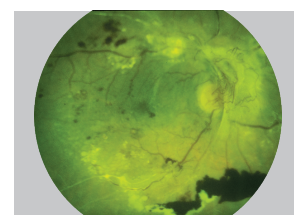


Healthy fundus

Optical path



Pathological fundus



Fundus with red free filter

Corneal and iris reflexes are avoided by separating the parallel observation and illumination beams (Gullstrand's principle). The illuminated retinal area remains fully visible – even with narrow pupils. Optimum conditions are achieved for ophthalmological examinations.

e-scope® F.O. otoscope



e-scope® otoscope with LED illumination

- Sealing precision optics, pivotable to both sides, with triple magnification for optimum viewing
- Robust ear speculum receptacle in durable, hygienic metal for **e-scope®/ri-scope® L2** speculum
- Compatible with ear speculae from other renowned manufacturers
- Suitable for pneumatic testing (supplied without connector and pneumatic bulb)

2111-203 e-scope® otoscope in case



Fibre Optics (F.O.)

- Economically priced fibre optic version with innovative 3.7 V LED illumination (5500 K)
- Fibre optics for optimum viewing and light guidance

Integrated Power Converter (IPC)



- IPC boosts AA battery voltage to 3.7 V for optimal LED performance
- LEDs last much longer when compared to Xenon or Halogen bulbs– no frequent bulb replacements
- Batteries are fully utilised, reducing waste and replacement needs

e-scope® set

- 3.7 V LED **e-scope®** otoscope and ophthalmoscope
- A tube containing 10 disposable ear specula: five in 2.5 mm and five in 4 mm sizes
- One 4 mm disposable speculum pre-mounted on the otoscope
- Battery handle compatible with two AA batteries (batteries are not included)

2131-203 e-scope® set in case



ORDERING INFORMATION

2111-203	e-scope® ophthalmoscope in case
2123-203	e-scope® otoscope in case
2131-203	e-scope® set in case

Reusable ear specula



- Available in sizes: 2 mm, 2.5 mm, 3 mm, 4 mm and 5 mm
- Made of black plastic, each speculum clearly labelled by size
- Supplied in a polybag

10775	Reusable ear specula Ø 2.0 mm, pack of 10 pcs.
10779	Reusable ear specula Ø 2.5 mm, pack of 10 pcs.
10783	Reusable ear specula Ø 3.0 mm, pack of 10 pcs.
10789	Reusable ear specula Ø 4.0 mm, pack of 10 pcs.
10795	Reusable ear specula Ø 5.0 mm, pack of 10 pcs.

Disposable ear specula



- For single use – a hygienic option to prevent cross-contamination
- Made of black plastic, each speculum clearly labelled by size
- Supplied in a polybag

10772-532 or 14061-532	Disposable ear specula Ø 2.0 mm, pack of 100 pcs.
10773-532 or 14062-532	Disposable ear specula Ø 2.0 mm, pack of 500 pcs.
10774-532 or 14063-532	Disposable ear specula Ø 2.0 mm, pack of 1000 pcs.
10772-531 or 14061-531	Disposable ear specula Ø 2.5 mm, pack of 100 pcs.
10773-531 or 14062-531	Disposable ear specula Ø 2.5 mm, pack of 500 pcs.
10774-531 or 14063-531	Disposable ear specula Ø 2.5 mm, pack of 1000 pcs.
10772-533 or 14061-533	Disposable ear specula Ø 3.0 mm, pack of 100 pcs.
10773-533 or 14062-533	Disposable ear specula Ø 3.0 mm, pack of 500 pcs.
10774-533 or 14063-533	Disposable ear specula Ø 3.0 mm, pack of 1000 pcs.
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10773-534 or 14062-534	Disposable ear specula Ø 4.0 mm, pack of 500 pcs.
10774-534 or 14063-534	Disposable ear specula Ø 4.0 mm, pack of 1000 pcs.
10772-535 or 14061-535	Disposable ear specula Ø 5.0 mm, pack of 100 pcs.
10773-535 or 14062-535	Disposable ear specula Ø 5.0 mm, pack of 500 pcs.
10774-535 or 14063-535	Disposable ear specula Ø 5.0 mm, pack of 1000 pcs.

Accessories



10960	Bulb for pneumatic test
10961	Metal connector for pneumatic test
12421	e-scope® otoscope/set pouch, black
12429	e-scope® ophthalmoscope pouch, black
12426	e-scope® otoscope case, black
12433	e-scope® ophthalmoscope case, black
12434	e-scope® set case, black
14041	LED 3.7 V bulb for e-scope® otoscope
14051	LED 3.7 V spare bulb for e-scope® ophthalmoscope

Please visit **riester.de** for more information