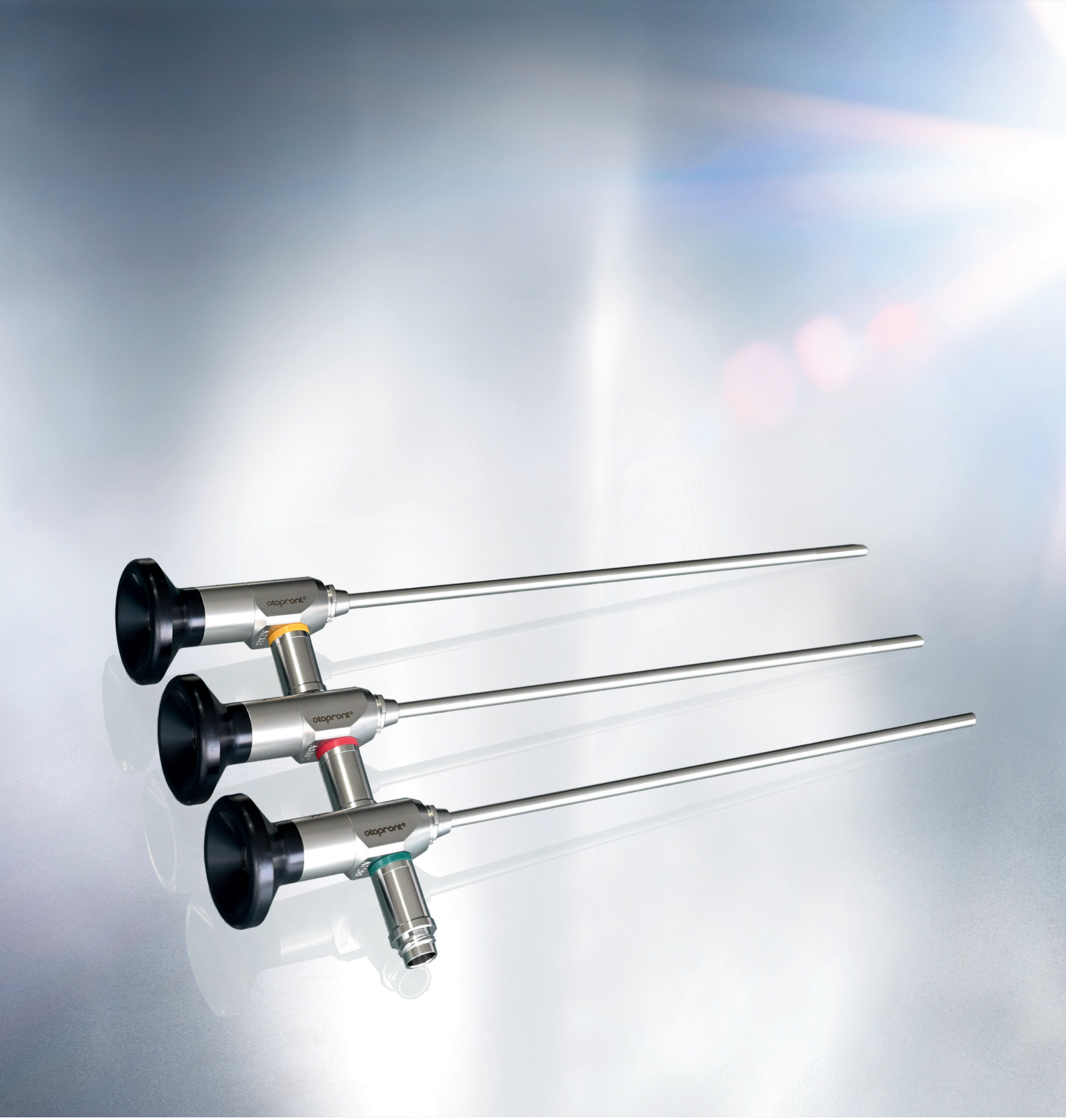


Otopront Optics

For safe diagnostics at the ENT workplace

otopront
optics

Rigid endoscopes

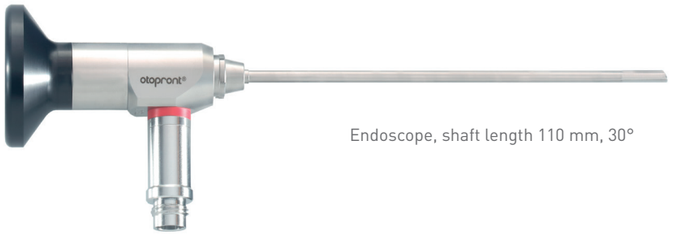




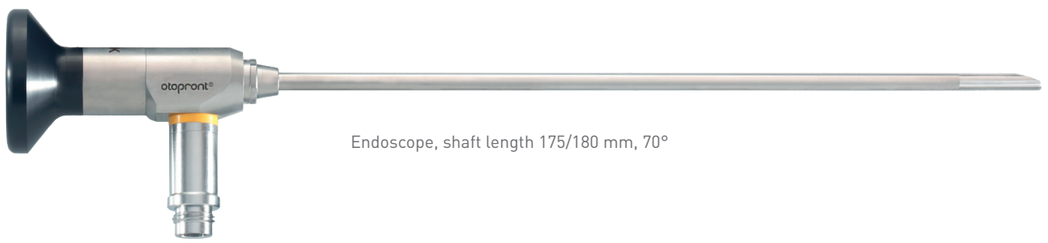




Endoscope, shaft length 50 mm, 0°



Endoscope, shaft length 110 mm, 30°



Endoscope, shaft length 175/180 mm, 70°

Endoscopes FLEX-SHAFT

Rigid AUTO-CLAVABLE Endoscopes

Full HD 1080p

Laryngoscopes







Laryngoscope, 90°, Ø 10 mm, fixfocus



Tele-Laryngoscope, 70°, Ø 10 mm, focusable

Overview rigid endoscopes

The Otopront Optics series was developed as a durable long-life, robust optics series for daily use.

- Higher bending tolerance due to innovative shaft design. Reduces the risk of lens breakage in the rod lens system
- Rigid endoscopes autoclavable up to 134 °C
- Sorted by degree (0 °, 30 °, 70 °) with different colour markings for quick distinction during examination
- The newly calculated rod lens system provides images with highest brilliance and hightest depth of field
- 4 mm optics especially suitable for FULL-HD and 4K video applications

Rigid Endoscopes

	Diameter	Viewing direction	Shaft length	
Endoscope	2.7 mm	0°	175/180 mm	
Endoscope	2.7 mm	30°	175/180 mm	
Endoscope	2.7 mm	70°	175/180 mm	
Endoscope	2.7 mm	0°	110 mm	
Endoscope	2.7 mm	30°	110 mm	
Endoscope	2.7 mm	70°	110 mm	
Endoscope	2.7 mm	0°	50 mm	
Endoscope	2.7 mm	30°	50 mm	
Endoscope	4.0 mm	0°	175/180 mm	
Endoscope	4.0 mm	30°	175/180 mm	
Endoscope	4.0 mm	45°	175/180 mm	
Endoscope	4.0 mm	70°	175/180 mm	
Endoscope	4.0 mm	70°	175/180 mm	turned by 180°
Endoscope	4.0 mm	90°	175/180 mm	
Endoscope	4.0 mm	30°	110 mm	
Endoscope	4.0 mm	0°	50 mm	
Endoscope	4.0 mm	30°	50 mm	
Endoscope	5.8 mm	70°	188 mm	turned by 180°

Laryngoscopes

	Diameter	Viewing direction	Shaft length	
Laryngo-Pharygoscope	10 mm	70°	190 mm	fixfocus
Tele-Laryngo-Pharygoscope	10 mm	70°	200 mm	focusable
Laryngo-Pharygoscope	10 mm	90°	190 mm	fixfocus
Tele-Laryngo-Pharygoscope	10 mm	90°	200 mm	focusable

Flexible endoscopes

Otopront Optics nasopharyngoscopes are flexible, robust and durable instruments for daily use.

- Powerful optical systems produce bright, full-size images of high resolution
- Ergonomically shaped handle for fatigue-free working
- Distal tip angulation with small bending radii
- Intuitive handling
- Modern high-performance materials withstand the stresses of state-of-the-art reprocessing procedures



EF-N, diameter 3.4 mm, working length 320 mm
A handpiece with high quality, ergonomic design, and rubber coating



Naso P one, diameter 2.8 mm, working length 300 mm
Standard tool for robust everyday use

	Diameter	Angle of view	Working length	Angle
Nasopharyngoscope EF-N	3.4 mm	80°	320 mm	130° on both sides
Nasopharyngoscope EF-N slim	2.8 mm	80°	320 mm	130° on both sides
Nasopharyngoscope EF-N Channel	4 mm	80°	320 mm	130° on both sides
Nasopharyngoscope Naso S one	3.4 mm	90°	300 mm	150° on both sides
Nasopharyngoscope Naso P one	2.8 mm	90°	300 mm	150° on both sides

Hygienic reprocessing

- Rigid endoscopes autoclavable up to 134 °C
- Rigid endoscopes can be immersed in commercially available cleaning- and disinfectant solutions
- Rigid endoscopes can be cleaned and disinfected in the washer-disinfector up to 95 °C
- Laryngoscopes with fixfocus autoclavable up to 134 °C
- Tele-laryngoscopes can be reprocessed in the washer-disinfector up to 55 °C
- Nasopharyngoscopes can be reprocessed in the washer-disinfector as well as sterilised with low-temperature (LTSF) sterilisation process

Technical Data

RIGID ENDOSCOPES

- Shaft lengths 50 - 188 mm
- Diameter 2.7 mm, 4.0 mm, 5.8 mm
- Material stainless steel with flexible shaft
- Autoclavable up to 134 °C

LARYNGOSCOPE

- Shaft lengths 190 mm, 200 mm
- Diameter 10 mm
- With telefocus or fixed focus
- With telefocus completely immersable
- With fixed focus autoclavable up to 134 °C

NASOPHARYNGOSCOPES

- Bending radius 8 mm (angulation)
- Depth of field 5 - 50 mm
- Focusing continuously adjustable
- Weight EF-N: 260 g, Naso: 340 g

CE marking according to Regulation (EU) 2017/745
All designs and specifications subject to change without notice.







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