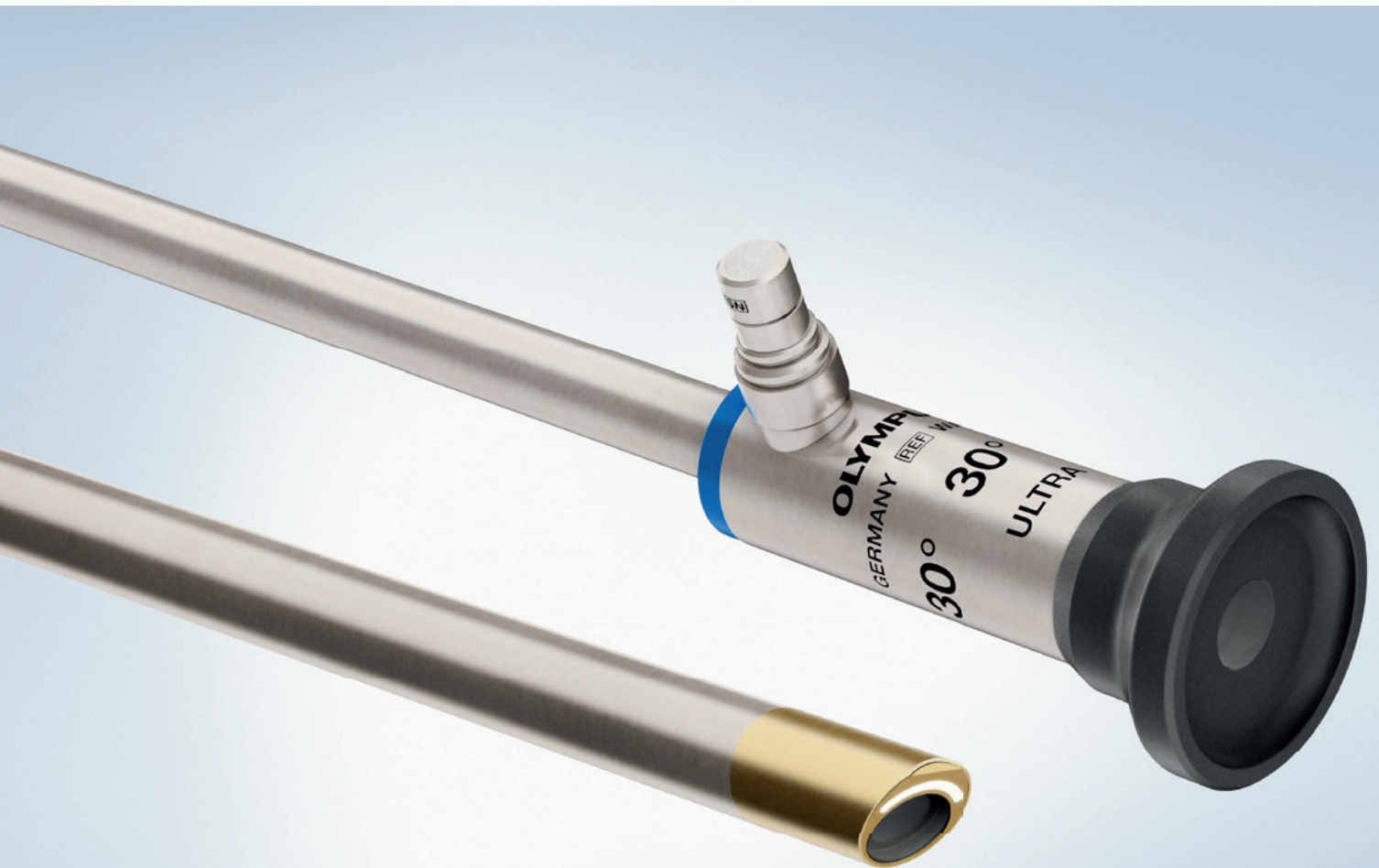


5.4 AND 10 MM ULTRA TELESCOPES

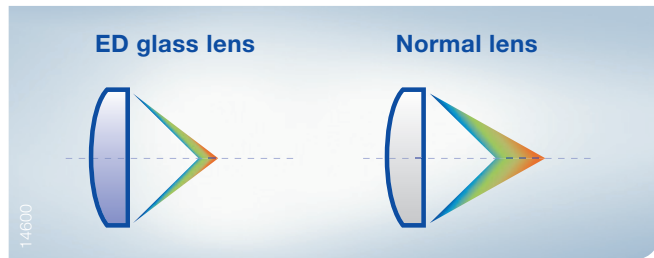
Optimized for a High Resolution Image.



5.4 AND 10 MM ULTRA TELESCOPES

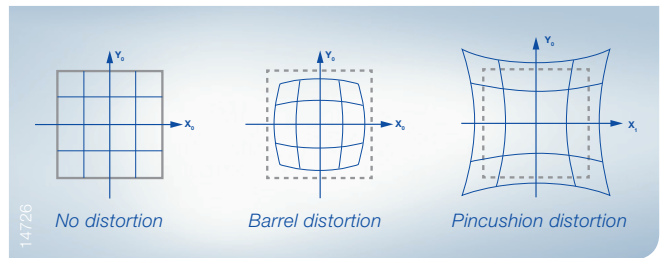
ED Glass Lenses – Razor-Sharp Images

- Optimized for high-resolution imaging
- High contrast at high spatial frequencies
- Comparable working length for 5.4 mm and 10 mm



Distortion-Free Images (5.4 mm telescope)

- Clear images even at the edges
- No barrel or pincushion distortion (using 5.4 mm telescope)



Wider Field of View

- The 10 mm ULTRA telescopes have a wide field of view. Compared to an endoscope with 75° field of view the visual field has been increased by 20%.
- The 5.4mm ULTRA telescopes have a wide field of view. Compared to an endoscope with 70° field of view the visual field has been increased by 20%.

Full Autoclavability

- Reduced waste due to full reusability of the telescopes



Compatibility

- Mechanical compatibility to current generations of camera heads and light guide cables by Olympus and other manufacturers that comply with DIN58105.

Good Illumination Even at the Edges

- The ULTRA telescopes have a homogeneous light distribution in the peripheral region (both 5.4 mm and 10 mm)

Ordering Information				
Order Number	Outer Diameter	Direction of View (DOV)	Working Length	Max. Insertion Portion Width
WA4KL500	5.4 mm	0°	315.3 ± 0.5 mm	5.45 mm
WA4KL530	5.4 mm	30°	315.5 ± 1.5 mm	5.45 mm
WA4KL545	5.4 mm	45°	315.5 ± 1.5 mm	5.45 mm
WA4KL100	10 mm	0°	315.9 ± 0.5 mm	10.2 mm
WA4KL130	10 mm	30°	317.1 ± 1.5 mm	10.2 mm
WA4KL145	10 mm	45°	317.7 ± 1.5 mm	10.2 mm

Specifications	
Operating Conditions	Ambient temperature: 10 to 35°C (50 to 95°F)
	Relative humidity: 30 to 85%
	Atmospheric pressure: 700 to 1060 hPa
Storage Conditions	Temperature: 10 to 40°C (50 to 104°F)
	Relative humidity: 30 to 85%
Transport Conditions	Temperature: -40 to 70°C (-40 to 158°F)
	Relative humidity: 10 to 95%

Specifications, design and accessories are subject to change without any notice or obligation on the part of the manufacturer.



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