

Rigid endoscopes ME

For inspecting miniature components



Application:

For inspecting of straight bores, channels etc. on miniature components in the field of micro-electronics and precision engineering.

Execution:

- High-quality quartz fibres
- Soft, offset knurls for focus and focus adjustment
- Remote focusing ring for diopter adjustment
- Focusable from 1 mm to infinity
- Temperature in air: Complete endoscope: -20°C to +50°C, (endoscope probe only: up to +60°C)
- Pressure resistance in air: up to 5 bar
- Fluid resistance: Endoscope probe can be submerged for a short time in water, salt solution (5%), kerosene, petrol, diesel or 70% alcohol
- Humidity: up to 95% at 40°C (non-condensing)

Advantage:

- Light flexible probe, robust in application with high breaking resistance
- Optimised fibre-optic connection for the best possible light efficiency
- Can be adapted for camera systems for documentation tasks
- Large range with probe diameters from 0.9 to 2 mm in 0.1 mm gradations
- Bespoke models optional on request



Art. no.	41451 414
Brand	MICRO-EPSILON
Manufacturer Part Number	20531945
Model	ME
Probe diameter	1 mm
Outer diameter	1 mm
Effective length of endoscope	100 mm
Line of sight	0 Degree
Opening angle	50 Degree
Endoscope tube	Rigid
Fiber optic connection	Light guide connection 5mm
Resolution (pixels)	10 pix
Lens system	Quartz image guide
Diameter eye funnel	31.75 mm
Connection thread lens	M12x1
Gross Weight	1.100 kg
Product Group	4EA