

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



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| Art. no. | 41451 790 |
| Brand | MICRO-EPSILON |
| Manufacturer Part Number | 20531973 |
| Model | ME |
| Probe diameter | 1.6 mm |
| Outer diameter | 1.6 mm |
| Effective length of endoscope | 220 mm |
| Line of sight | 90 Degree |
| Opening angle | 70 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 | 2.000 kg |
| Product Group | 4EA |