

Rigid endoscopes MKF-D

With variable viewing direction



Application:

For inspecting straight bores and cavities. Thanks to the infinitely adjustable mechanically swivelling lens (from -7° to 133°), the entire area in front of the endoscope can be inspected. With the additional 370° rotating probe, no detail remains hidden.

Execution:

- Unique, infinitely adjustable swivelling lens
- Very high-quality design
- Integrated focusing for sharp images
- The endoscope tube can be turned using a knurled wheel, depending on the version
- Ergonomic, removable handle
- Remote focusing ring for diopter adjustment
- Temperature in air: Complete endoscope: -20°C to $+50^\circ\text{C}$, (endoscope probe only: up to $+100^\circ\text{C}$)
- Pressure resistance in air: up to 2 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:

- Large spatial angle means the total area in front of the endoscope is visible
- Unique swivel prism for challenging inspection tasks
- High-quality lens system, optimal optical values and outstanding image quality without image loss
- Optimised fibre-optic connection for the best possible light efficiency
- Can be adapted for camera systems for documentation tasks



Art. no.	41451 358
Brand	MICRO-EPSILON
Manufacturer Part Number	20122083
Model	MKF-D
Probe diameter	8 mm
Outer diameter	8 mm
Effective length of endoscope	325 mm
Viewing direction variable	-7 degrees bis $+133$ degrees
Opening angle	45 Degree
Endoscope tube	Rotating
Design	With rotatable probe
Fiber optic connection	LEMO 1
Lens system	Achromatic lens
Diameter eye funnel	31.75 mm
Connection thread lens	M14x1
Gross Weight	2.100 kg
Product Group	4EA