

Flexible endoscopes MTFS

Probe outer diameter 0.5 mm to 2.5 mm



Application:

For visual inspection of hard-to-reach areas, such as curved components with narrow radii. Particularly suitable for inspecting miniature components and channels in the field of micro-electronics, precision engineering.

Execution:

- Probe outer diameter 0.5 mm to 2.5 mm
- Working lengths from 500 mm to 15000 mm
- Resolution up to 30,000 pixels
- Flexible probe with rigid probe head
- Remote focusing ring for diopter adjustment
- Separate or fixed 1500 mm length light guides for external light sources.
- IP65 protection class
- Optional 90° mirror head from 1.0 mm probe diameter on request
- Adaptable to camera systems

Advantage:

- For inspections in the smallest components and channels
- Flexible, robust in use due to high breaking resistance
- Repairable quartz-fibre bundle



Art. no.	41452 024
Brand	MICRO-EPSILON
Manufacturer Part Number	20560895
Model	MTFS
Model variant	MTFS 100
Probe diameter	1 mm
Effective length of endoscope	2000 mm
Max. length of rigid part	6 mm
Min. bending radius	30 mm
Resolution (pixels)	10000 pix
Line of sight	0 Degree
Opening angle	70 Degree
Min./max. sharpness range	3-50 mm
Diopter compensation	Adjustable
Max. temperature resistance	60 °C
Gross Weight	1.600 kg
Product Group	4EA