



More Precision

ELTROTEC // Industrial Endoscopes





- Ø 0.9mm to 2.0mm
- Lengths: 20mm to 450mm
- Slightly bendable
- High quality silica fibres

Description:

The miniature endoscope Eltrotec ME is ideally suited for the inspection of miniature components and channels in the field of microelectronics and precision engineering. In contrast to other miniature endoscopes with a gradient index lens, the ME can also be slightly bendable without suffering damage. The image quality is comparable to that of all conventional lens systems.

Features:

- Flexible due to special design using silica fibres (semi-rigid)
- Focussing ring
- Cold light illumination
- TV applications possible with accessories

Benefit:

Robust due to high break resistance

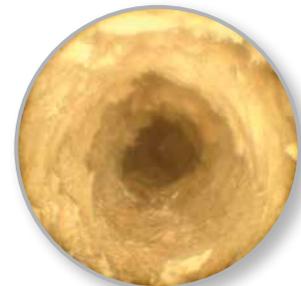
Application examples:



Deposits in pipe



Cog



Deposits in pipe

Type ME					
Outer-Ø mm	Direction of view	Field of view	Resolution	Length mm	Article no.
0.9 - 1.3	0°	50°	10,000	20	20531943
				60	20531944
				100	20531945
				140	20531946
				180	20531947
1.4 - 2.0	0°	70°	10,000	20	20531948
				60	20531949
				100	20531950
				140	20531951
				180	20531952
				220	20531953
				260	20531954
				300	20531955
				350	20531956
				400	20531957
1.4 - 2.0	0°	60°	30,000	450	20531958
				20	20530958
				60	20531959
				100	20531960
				140	20531961
				180	20530308
				220	20531962
				260	20531963
				300	20531964
				350	20531965
1.5 - 2.0	90°	70°	10,000	400	20531966
				450	20531967
				20	20531968
				60	20531969
				100	20531970
				140	20531971
				180	20530372
				220	20531973
				260	20531974
				300	20531975
350	20531976				
400	20531977				
450	20531978				

All endoscopes available with external Ø in increments of 0.1mm

Accessories		
Article		Article no.
Optical fibre	Length: 1,500mm, in PVC tube with FOT connection	20541980
90° mirror tube, ≤ ø of 1.3mm	rotatable, outer ø = endoscope + 0.2mm	20541979
90° mirror tube, ≥ ø of 1.4mm	rotatable, outer ø = endoscope + 0.3mm	20540309
Transport case		20541931

Accessories:

Fibre optic cables, TV cameras, video processors and light sources

High performance sensors made by Micro-Epsilon



Sensors and systems for displacement and position



Sensors and measurement devices for non-contact temperature measurement



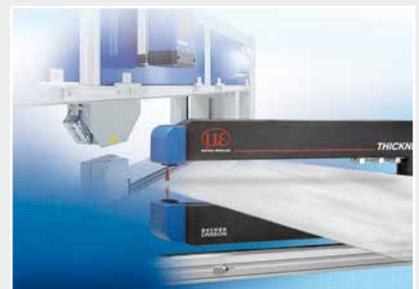
2D/3D profile sensors (laser scanner)



Optical micrometers, fibre optic sensors and fibre optics



Colour recognition sensors, LED analyzers and colour online spectrometer



Measurement and inspection systems



SCIGATE AUTOMATION (S) PTE LTD

No.1 Bukit Batok Street 22 #01-01 Singapore 659592

Tel: (65) 6561 0488

Fax: (65) 6562 0588

Email: sales@scigate.com.sg

Web: www.scigate.com.sg

Business Hours: Monday - Friday 8.30am - 6.15pm



MICRO-EPSILON Eltrotec GmbH
Heinkelstraße 2 · 73066 Uhingen / Germany
Tel. +49 (0)7161 98872-300 · Fax+49 (0)7161 98872-303
eltrotec@micro-epsilon.de · www.micro-epsilon.com