

# Hand Held Optical Fibre Microscope



The FOS hand held optical fibre microscope offers a convenient and efficient method of fibre end face inspection. The microscope employs axial LED illumination of the end face that provides excellent visualisation of contamination or damage. Available in 200 and 400x magnification to suit 2.5mm ferrules and can be supplied with an optional 1.25mm ferrule adapter.

## Applications

- Visual inspection of terminated connectors
- Inspection of patch leads and assemblies prior to network integration
- Laboratory or field testing of optical connectors

## Features & Benefits

- LED illumination of end face provides excellent visualisation of contamination or damage
- Built in IR filter\* helps limit eye damage from active optical paths
- Smooth, easy to operate focus dial and illumination button
- Long life, rugged and reliable
- Interchangeable adapter interface to suit 1.25 and 2.5mm ferrules

\* The inbuilt IR filter is designed to limit permanent eye damage in the case of accidental viewing of an active optical transmitter. It is not a substitute to following correct safety procedures. Never inspect active fibre channels.

## Technical Specifications

Part Number	SCOPE-200	SCOPE-400
Description	200x Magnification Hand Held Optical Fibre Microscope	400x Magnification Hand Held Optical Fibre Microscope
Magnification (optical)	200x	400x
Weight (kg)	0.6	0.6
Dimensions OD x L (mm)	32.5 x 225	32.5 x 225
Power requirements	3x AAA	3x AAA
LED Life (hours)	10,000	10,000
Included adapter	2.5mm universal	2.5mm universal
Optional adapter	1.25mm (SCOPE-AD125)	1.25mm (SCOPE-AD125)

Active | Passive | Test Equipment | Tooling | Cable | Fibre Management

For further information:  
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