



KI 6600 SERIES HANDHELD FIBER INSPECTION MICROSCOPE

The KI 6600 Handheld Fiber Inspection Microscope is an ideal inspection tool for checking fiber optic connectors for dirt and end face quality.

A combination of durable construction, comfortable design, easy operation and quality optics ensures that this equipment will enhance the performance of installation and maintenance staff.

OPTICAL COMMUNICATIONS TEST APPLICATIONS

- ✓ Optical connector end face inspection in the field or laboratory.

FEATURES

- ✓ Integrated eye safety filter
- ✓ Dual-illumination includes both coaxial and oblique illumination
- ✓ Various screw-on connector adaptors available
- ✓ Rugged construction body with rubber grips & eyepiece
- ✓ Reliable white LED
- ✓ High quality glass optics
- ✓ Long battery life
- ✓ Comfortable & easy operation
- ✓ Supplied with soft carry case
- ✓ 1 year warranty



1 YEAR
STANDARD
WARRANTY





KI 6600 SERIES

HANDHELD FIBER INSPECTION MICROSCOPE

The 200x magnification option is ideal for general installation & maintenance checking by semi-skilled staff, on both singlemode and multimode fiber types. Faults that cannot be seen at this magnification are unlikely to impact on practical connector performance.

This dual-illumination microscope includes both coaxial and oblique illumination. The coaxial setting is used for the highest level of image detail; oblique illumination shows only major defects and contaminants, which prevents over-polishing.

SPECIFICATIONS

Dimensions	184.4 mm (L) x 49.3 mm (W) 7.3" x 1.9"
Weight	0.21 kg / 0.47 lb.
Battery life	3 type "LR44" batteries 7 hrs. continuous use
LED life	100,000 hrs.
Optical Magnification	200x
IR Attenuation Filter	Built-in, at least, 20 dB @ 850 nm; 50 dB @ 1300 nm 40 dB @ 1550 nm
Controls	Built-in Momentary LED On/Off 1) Oblique; 2) Coaxial

ORDERING INFORMATION

Instrument	P/N
Microscope with 200x magnification and 2.5mm universal adaptor	KI 6603

STANDARD ACCESSORIES

Description	Quantity
Soft pouch	1
LR44 Batteries	3
2.5 mm universal connector adaptor (OPT665)	1

OPTIONAL CONNECTOR ADAPTORS

Description	P/N
Option, Scope Coupling Converter	OPT664
Option, Scope Adaptor 2.5 mm Universal	OPT665
Option, Scope Adaptor 2.5mm APC Universal + OPT664	OPT666A
Option, Scope Adaptor SC-APC + OPT664	OPT667A
Option, Scope Adaptor E2000-APC + OPT664	OPT668A
Option, Scope Adaptor 1.25 mm Universal	OPT669
Option, Scope Adaptor 1.25 mm APC Universal + OPT664	OPT670A
Option, Scope Adaptor LC-APC, + OPT664	OPT671A
Option, Scope Adaptor LC Duplex & Simplex	OPT672
Option, Scope Adaptor MTRJ	OPT673
Option, Scope Adaptor OptiTap-APC + OPT664	OPT674A

Please enquire for other adaptor styles

Technical data is subject to change without notice as part of our program of continuous improvements.

AUTHORIZED DEALER

Oblique Illumination



200x Image with Oblique Illumination

In oblique illumination, the light from the white LED hits the end-face at an angle, making the core clearly visible and allowing the user to readily see any surface debris or contamination. The amount of scratches seen on the ferrule is limited, allowing technicians to polish to a low loss level without wasting time over-polishing.

Coaxial Illumination



200x Image with Coaxial Illumination

Coaxial illumination maximizes the detail seen by the user. Because the light travels along the same axis as the sample inserted into the microscope, even fine scratches and contamination are easily visible.

Optical Safety: Personnel operating on fiber optic systems must observe relevant optical safety practices to avoid the possibility of permanent eye injury. The integrated eye safety filter in this instrument enhances eye safety if a user accidentally views an active optical transmitter; however this is not a substitute for observing correct safety procedures at all times.



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