

Handheld Fiber Optic Connector Inspection or Probe LKS-100



DESCRIPTION

Reliability and performance of a fiber optic link largely depends on the quality of interconnects. Contaminated connectors can cause the mating surfaces to separate leading to high insertion loss and back-reflection. Furthermore, some dirt particles can even scratch or dig into the glass causing permanent damage to the end-face of the connector. Therefore, inspection of fiber optic connectors should be performed whenever a connection is to be made.

The Fiber Optic Connector Inspection is an intelligent handheld video microscope suitable for inspection of patch cords, bulkhead receptacles and a variety of connectors found in fiber optic communication systems.

SPECIFICATIONS

Mainframe	
Display	3.5 TFT-LCD, 320 x 240 pixels
Dimensions	170mm x 100mm x 40mm
Weight(including battery)	200g
Power Supply	Replaceable battery or universal input 5V DC adapter
Battery	Rechargeable Li-Ion, 3.7V / 1450mAh
Battery life	> 3 hours (continuous)
Charger/AC adapter	US, EU, UK and Australian versions available
Image / Video Storage	8GB SD card
Operating Temperature	-20°C to 50°C
Storage Temperature	-30°C to 70°C
Inspection Probe	
Magnification	400X (9 monitor); 250x (3.5 monitor)
Detection Limit	0.5µm
Focus Control	Manual, in-probe
Principle	Bright field reflected light microscopy
Dimensions	180mm x 40mm x 30mm
Weight	200g

ORDERING INFORMATION

P/N	DESCRIPTION
CFO-4100	Handheld Fiber Optic Connector Inspection or Probe LKS-100