

CT-10

Fiber Optic Microscope with LCD monitor



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.

Features

- ◇ 3.5-inch TFT color display
- ◇ Well-centered, high resolution image
- ◇ Image capture and storage
- ◇ Instant video recording
- ◇ 250x Magnification
- ◇ 4x Digital zoom (optional)
- ◇ Standard tips (SC, FC, ST, LC)
- ◇ USB plug-and-play

Specifications

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