Connector Inspector
CI-1100

Video Microscope for Fiber Optic Connector Inspection

Overview

The eye-safe CI-1100 Connector Inspector is a portable video microscope for inspecting fiber optic connector endface contamination. Its hand-held probe design enables inspection of both patchcords and difficult to reach in-adapter connectors.

The CI-1100-A2 package includes a fold-up LCD monitor, 4 inspection tips, a charger/adapter, and a carrying case. An optional USB adapter is available for display and capture of images on your PC.

A large variety of adapter tips are available, allowing you to view almost any type of connector in any location.

- Ergonomic design

- Fast, easy focus

- One hand operation

- Large 3.5" LCD display

- Inspect jumper cables and in bulkheads

- Change inspection tips in seconds

- PC and APC tips for single fiber and ribbon connectors

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Connector Inspector *CI-1100*

Specifications	
Probe	
Magnification	400X (w/ 9" monitor) (Lower magnification optional)
Field of View	~ 425µm x 320µm (standard) ~ 640µm x 480µm (lower magnification option)
Resolution	0.5µm detectable
Focus	Manual adjustment, 2mm max travel
Light source	Blue LED
Dimensions	35mm diameter x 175mm length (without cap)
Weight	200g
Monitor	
Display	3.5" TFT-LCD, 960 x 240 pixels
	Adjustable brightness and contrast
Dimensions	105mm x 90mm x 45mm (folded)
Weight	255g (without battery)
Power Supply	9.6V battery pack or AC power supply
Battery life	4 hours
Charger/AC adapter	US, EU, UK and Australian versions available
Operating Temperature	0°C to 50°C
Storage Temperature	-20°C to 70°C

CI-1100-A2 Package
1 Probe (CI-1100)
1 LCD monitor
1 Rechargeable battery pack (inside LCD monitor)
1 AC power adapter/battery charger
1 Universal 2.5mm tip for PC type male connectors
1 Universal 1.25mm tip for PC type male connectors
1 Tip for SC and FC PC type female connectors
1 Tip for LC PC type female connectors
1 Tip box
1 Carrying case

Key Options	
USB2.0 adapter	Use the CI-1100 probe to view, capture and store images on a Windows® PC
ConnectorView Plus software	Pass/Fail analytical and reporting software for a Windows® PC
"Hot" fiber filter	Inspect live fiber connectors. Useable to at least 20dBm. (Higher power would not damage the unit, but may not provide useful images.)
Tip adapter	Use any CI-1000 tip with the CI-1100

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