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
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