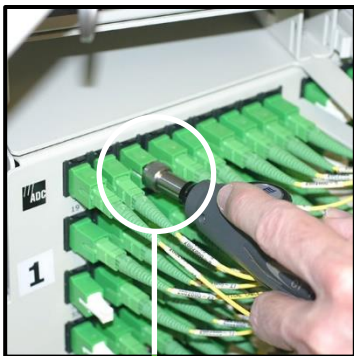
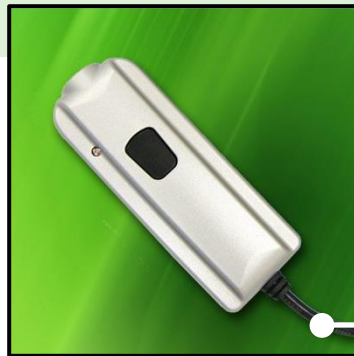


Video microscope for fiberoptic connector inspection

The eye-safe CI-1100 Connector Inspector is a portable video microscope used to inspect fiber optic connector endfaces for contamination. The handheld probe design makes it easy for users to inspect both patchcords and hard-to-reach in-adapter connectors.

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

Lightel offers a large variety of adapter tips, allowing you to view almost any connector in any location.



Features

- Optional USB add-on for image capture or Pass/Fail analysis on a PC
- 3.5" fold-up monitor provides easy viewing in a compact package
- Quick and easy focus
- Ideal for inspecting both patchcords and adapter bulkhead connectors

→ Specifications

| Probe | |
|-----------------------|--|
| Magnification | 400X (w/9" monitor) |
| 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 tip) |
| Weight | 200g |
| Monitor | |
| Display | 3.5" TFT-LCD, 960 x 240px 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 |

| 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 |

| 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/PC and FC/PC type female connectors |
| 1 Tip for LC/PC type female connectors |
| 1 Tip box |
| 1 Carrying case |

