

# MICROSCOPE - CI-1100-A2/EU2

Productsheet  
Microscope  
CI-1100-A2/EU2

V2.0, 2020-09-17

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## 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                 | Manual adjustment, 2mm max travel   |

## 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/adapter, 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

## CONTAINS

- 1pcs, Probe (CI-1100)  
Part Number: CI-1100-HS
- 1pcs, LCD monitor  
Part Number: CI-1100-MS
- 1pcs, Rechargeable battery pack (inside LCD monitor)  
Part Number: CI-1100-BAT
- 1pcs, AC power adapter/battery charger  
Part Number: CI-1000-CHA/EU2
- 1pcs, Universal 2.5mm tip for PC type male connectors  
Part Number: PT2-U2.5/FC/M
- 1pcs, Universal 1.25mm tip for PC type male connectors  
Part Number: PT2-U1.25/PC/M
- 1pcs, Tip for SC/PC and FC/PC type female connectors  
Part Number: PT2-FS/PC/F
- 1pcs, Tip for LC/PC type female connectors  
Part Number: PT2-LC/PC/F
- 1pcs, Tip box  
Part Number: PT2-TIPBOX2
- 1pcs, Carrying case  
Part Number: CI-1100-CASE

# CI-1100 MICROSCOPE

## PROBE

|               |  |
|---------------|--|
| Magnification | 400X (w/9" monitor)  |
| Field of View | ~425 $\mu$ m x 320 $\mu$ m (standard)<br>~640 $\mu$ m x 480 $\mu$ m (lower magnification option) |
| Resolution    | 0.5 $\mu$ m 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                |

## TEMPERATURE

|                 |               |
|-----------------|---------------|
| Operating Temp. | 0°C to 50°C   |
| Storage Temp.   | -20°C to 70°C |

