

FiberInspector™ Pro

End-face contamination is a leading cause of fibre failures. Dirt and contaminant cause insertion loss and back-reflection that inhibits optical transmission and causes havoc with transceivers. Fibre loss and OTDR testing can expose this problem, but in many cases, dirty connections make fibre testing time consuming and inaccurate. Since dirt can be an issue before, during, or after fibre optic certification testing, and migrate from one end-face to another upon mating, both sides of any connection must always be cleaned and inspected.

The FI-7000 FiberInspector Pro enables you to quickly inspect and certify fibre end-faces inside ports or patch cords. Its 2-second automated PASS/FAIL certification eliminates human subjectivity and enables anyone to become a fibre inspection expert.

Order information

Product

FI-500 INTL
FI-7000 INTL

Part Number

00A-500-009-05
00A-500-000-50



Features & Benefits

- Automated Pass/Fail acceptance testing of fibre end-faces
- Graphical indication of problem areas due to contamination, pits, chips, and scratches.
- Large touch-screen for pinch and zoom.
- Certify to industry standards – IEC 61300-3-35.
- No more confusion about whether the fibre is good or bad.
- Eliminate human subjectivity from end-face measurements.
- Save end-face views during certification process.
- Reduce fibre inspection time with 2-second grading.
- ProjX™ system manages job requirements and progress from set-up to systems acceptance, making sure all tests are completed correctly.
- Taptive™ user interface simplifies set-up, and eliminates error
- Analyze test results and create professional test reports using LinkWare™ management software.

Specifications

Battery life	Eleven hour with Inspection probe attached
Operating altitude	4,000 m (13123 ft), 3200 m (10,500 ft) with ac adapter
Weight	Mainframe with module and battery: 3 lbs, 5 oz (1.28 kg)
Dimensions	Mainframe with module and battery: 2.625 in x 5.25 in x 11.0 in (6.67 cm x 13.33 cm x 27.94 cm)
Non-operating temperature	-30°C to 60°C
EMC	EN 61326-1
Charge time	Four hours to charge from 10% - 90% capacity,
Operating Temperature	-18°C to 45°C
Probe 2M pixels	Blue LED
Probe Light source	Blue LED
Probe Power source	Versiv mainframe
Probe Field of View (FOV)	Horizontal: 425 µm, Vertical: 320 µm
Probe Minimum detectable particle size	0.5 µm
Probe Dimensions	Approximately 6.75 in x 1.5 in (1175 mm x 35 mm) without adapter tip
Probe Weight	200G
Operating Temperature range	32°F to 122°F (0 °C to +50 °C)
Storage Temperature range	-4°F to +158°F (-20°C to +70°C)
Probe Certifications	CE
Battery	Lithium ion battery pack, 7.2 volts
Storage altitude	12,000mB