



FiberInspector™ Pro Video Microscopes

Because 85% of fiber optic network cabling failures are due to dirt and broken fiber end-faces, it's imperative that all optical fiber connections are clean and free of contaminants. Fluke Networks' FiberInspector Pro is the solution. Now with dual magnification, the FT600 is the ultimate solution for inspecting both multimode and singlemode applications in one easy-to-use tool.

Save valuable time inspecting fiber

FiberInspector Pro, a portable, dual magnification, video microscope, gives you superior vision by enabling you to inspect all types of installed fiber installations in switches, routers, interface cards, patch panels, wall outlets and patch cables. It saves time by eliminating the need to access the backside of patch panels or disassemble hardware devices prior to inspection. Instead of removing each individual fiber, you need only insert the video probe to inspect the fiber while it's still in place. This is the only practical way to inspect many hardware devices, where disassembly is not a realistic option. Plus, the FiberInspector Pro never touches the

termination so there's no risk of contamination or damage. With an integrated dual magnification camera, you don't have to waste time changing between different mono magnification cameras or other test tools.

Safely inspect live fiber without harming eyes

FiberInspector Pro includes a handheld LCD display unit and a small, lightweight probe that contains a long-life LED light source and CCD video camera. The probe adapter tip mates with the connector and projects crisp, clear images of microscopic debris and end-face damage on the LCD display. The video display allows you to look at the fiber end-face without looking into the fiber, eliminating the chance of harmful laser light reaching your eye.

FiberInspector™ Pro Video Microscope

This easy-to-use instrument provides the latest in fiber inspection technology.

The FiberInspector Pro:

- Evaluates both multimode and singlemode fiber connectors and interfaces with an integrated dual magnification camera.
- Provides clear end-face images with its large display.
- Easily inspects fiber connectors already installed on patch panels.
- Quickly determines whether fiber connectors on a hardware device are clean and in good condition – without disassembling the device.
- Eliminates the hazards of eye damage while inspecting live fiber.

- Is compatible with standard ST, SC, and FC connectors and other connector types including small form factor connectors with optional adapter tips.
- Rugged design endures tough working conditions.



Superior vision for singlemode and multimode fiber



FT600 FiberInspector Pro (400x) shows higher magnification image of singlemode fiber end-face



FT600 FiberInspector Pro (250x) shows clear image of multimode fiber end-face ferrule



Specifications

FT600 General Specifications	
Temperature range	Operating: 0c to 40c Storage: -10c to 60c
Humidity range	Operating: 0% to 45% RH non-condensing; Storage: 0% to 95% RH non-condensing
Certifications	CE
FT630 Display	
Display type	3.5 in (9 cm) TFT, active matrix, 320 x 240 pixels
Video output	NTSC
Power source	Lithium Ion or AC power
Battery life	2 hours continuous use
Dimensions	4.3 in x 9.1 in x 2.6 (10 cm x 5.3 cm x 22 cm)
Weight	0.8 lbs (0.4 kg)
FT650 Fiber Probes	
Magnification	Low magnification: 250X High magnification: 400X
Camera type	0.33in CCD with adjustable focus
Light source	LED
Lighting technique	Coaxial
Dimensions	1.8 in x 1.7 in x 5.5 in (4.57 cm x 4.32 cm x 14 cm)
Weight	0.4 lbs (0.18 kg)

Ordering Information

Model	Description
FT600	FiberInspector Pro Video Microscope Includes FT650 Fiber probe, FT650 Fiber Display, AC adapter/battery charger, probe adapter tips (ST, SC, FC and universal 2.5 mm patch cord tip) and hard carrying case
OFTM-5352	FiberInspector Pro for OptiFiber - Certifying OTDR Includes FT650 Fiber probe, interface cable, probe adapter tips (ST, SC, FC and universal 2.5 mm patch cord tip)
OPV-FT600	FiberInspector Pro for OptiView - Integrated Network Analyzer Includes FT650 Fiber probe, NTSC/USB interface, probe adapter tips (ST, SC, FC and universal 2.5 mm patch cord tip) and imaging software
NF360	MT-RJ video probe adapter tip
NF362	LC video probe adapter tip
NF366	E2000 video probe adapter tip
NF430	Fiber optic cleaning kit Includes alcohol-soaked cleaning pads, 2.5 mm foam tipped cleaning sticks, large foam tipped cleaning swabs, lint free cotton wipes, and small bottle for isopropyl alcohol (shipped empty)
GLD-FTINSPECTOR	Gold support for FiberInspector Pro Series Gold support for all FiberInspector products (FT300, FT400, FT600)
GLD-OFTM-53XX	Gold support for FiberInspector Pro for OptiFiber products (OFTM-5350, OFTM-5352, OFTM-5354)
GLD-OPV-FT	Gold support for FiberInspector Pro for OptiView (OPV-FT600, OPV-FT500)

Fluke Networks delivers Network SuperVision

Fluke Networks is committed to providing innovative Network SuperVision Solutions.™ From innovative technology and tools that comply with new standards, to responsive service and training to help you grow your business, Fluke Networks will help you keep pace in today's fast moving, networked world by keeping our eye on the future for you. That's Network SuperVision.

That's Fluke Networks' promise to you.

NETWORK SUPERVISION

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