

FOI-400W - Fiber Optic Microscope WiFi Version

Description:

The fiber end face inspector is designed for ferrule end face inspection with excellent performance and convenient operability. It magnifies the object by 260 to 400 times making it easier to assess the status of the fiber end face. The compact size makes it the ideal tool for connector end face inspection before and during fiber network installation. Various adapter types can be used for inspecting male fiber connectors & female fiber connectors, such as FC, SC, ST, LC. The OPTOKON FOI-400W microscope might be connected via USB and Wi-Fi to PC and Smartphone/Tablet, both Android and Apple operating system. The SW allows the storage of the inspected connectors for later evaluation and reporting protocols and Pass/Fail Analysis according to IEC 61300-3-35 standard. The OPTOKON FOI-400W microscope will work for 4 hours with a 3.7 V rechargeable Li-Pol battery.



Features:

- WiFi and USB connection to Smartphone and PC
- Android App and iOS (Apple) App both
- Pass/Fail Analysis to IEC 61300-3-35
- Available several connector & adaptor types Tips (Both Female / Male Tip)
- External Interface: mini 5-pin type
- Save inspected images and reports
- Real-time report in field through smartphone
- Built-in rechargeable battery
- No need exterior Wireless AP or Module
- Anti-slip Grip design and Easy Focus
- CE/FCC approved

Specifications:

Magnification	260 - 400 x
Field of Vision	400 x 300 µm
Focus	Manual, max. 2 mm in and out
Wi-Fi	2.4 GHz WiFi IEEE 802.11b/g/n
Power of Charger	110/220 V, 50/60 Hz
Battery	3.7 V 1300 mA Lithium Polymer Battery
Battery working time	Approx. 4 hours (continuous usage)
USB cable	Mini 5-pin to USB 2.0
Software PC	Pass/Fail analysis according to IEC 61300-3-35
Software Smartphone	Android App and iOS (Apple) App
Dimensions	185 x 24 mm (without tip)
Weight	170 g

Application:



Optional accessories:

Adaptor & Connector Type	Ordering code
SC/PC or FC/PC Female Side	FS-SC/FC/PC Female Tip
Slim SC/PC Female Side	FS-SC/PC Female Long Tip
Slim Angled SC/PC Female Side	FS-Angled SC/PC Female Long Tip
SC/APC Female Side	FS-SC/APC Female Tip
Slim SC/APC Female Side	FS-SC/APC Female Long Tip
Slim Angled SC/APC Female Side	FS-Angled SC/APC Female Long Tip
ST/PC Female Side	FS-ST/PC Female Tip
FC/APC Female Side	FS-FC/APC Female Tip
E2000/PC Female Side	FS-E2000/PC Female Tip
E2000/APC Female Side	FS-E2000/APC Female Tip
LC/PC Female Side	FS-LC/PC Female Tip
Slim LC/PC Female Side	FS-LC/PC Female Long Tip
Slim Angled LC/PC Female Side	FS-Angled LC/PC Female Long Tip
LC/APC Female Side	FS-LC/APC Female Tip
LC/APC Female Side	FS-LC/APC Female Long Tip
LX.5/PC Female Side	FS-LX.5/PC Female Tip
LX.5/APC Female Side	FS-LX.5/APC Female Tip
LEMO/PC Female Side	FS-LEMO/PC Female Tip
Military Terminus Side	FS-1.6mm/PC Female Tip
SMA/PC Female Side	FS-SMA/PC Female Tip
MPO/MTP Female Side	FS-MPO/MTP/PC Tip
MPO/MTP Female Side	FS-MPO/MTP/APC Tip
2.5mm/PC Male Side	FS-2.5mm/PC Male Tip
E2000/PC Male Side	FS-2.5mm/PC Male Tip
2.5mm/APC Male Side	FS-2.5mm/APC Male Tip
E2000/APC Male Side	FS-2.5mm/APC Male Tip
1.25mm/PC Male Side	FS-1.25mm/PC Male Tip
LX.5/PC Male Side	FS-1.25mm/PC Male Tip
1.25mm/APC Male Side	FS-1.25mm/APC Male Tip
LX.5/APC Male Side	FS-1.25mm/APC Male Tip
LEMO/PC Male Side	FS-LEMO/PC Male Tip
SMA/PC Male Side	FS-3.2mm/PC Male Tip
MPO/MTP Male Side	FS-MPO/MTP/PC Tip
MPO/MTP Male Side	FS-MPO/MTP/APC Tip

Note:

"Female Tip" is to inspect ferrule in-side of adaptor.

"Male Tip" is to inspect ferrule of patchcord.

To inspect Patchcord direct (male side), you need to add 'Male Tip' separately.

Standard accessories:

- 1 Handset (included WiFi)
- 1 AC Battery Charger, incl. USB to mini 5-pin cable
- 1 Software (Pass/Fail Analysis)
- 1 Tip for female SC/PC and FC/PC
- 1 Tip for female LC/PC
- 1 Manual

Ordering code:

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