FIP-400B Fully Automated Fibre Inspection Probe

PRODUCT DETAILS

This intelligent and automated test tool transforms fibre inspection into a fast and easy one-step process. It provides accurate and consistent test results,and prevents the reporting of false-positive results. When you outsource your fiber testing, you want to be certain that the technician will apply the best practices and properly certify every connector. Neglecting to do so, at this critical step, will lead to serious, time-consuming problems. The FIP-430B takes the hassle out of connector certification. Housing a unique automatic focus adjustment system, the FIP-430B automates each operation in the connector endface inspection sequence, transforming this critical process into one quick and easy step, which can be performed by technicians of all skill levels. Re-engineered Design – The rubber casing and controls are designed for intense field operation. The controls are strategically positioned to make the inspection process easier. Plus, the very bright status LED can be easily seen from different angles. The FIP-400B is designed so it can be handled seamlessly by both right - and left-handed users.

FEATURES

- Fully automated, one-step process featuring automatic fibre-connection detection, image centering, focus adjustment and optimization (exclusive to EXFO), capture, pass/fail analysis and reporting.
- On-board connector endface analysis (IEC, IPC or custom standards) via ConnectorMax2
- Pass/fail LED indicator for immediate diagnosis
- Optimal digital image quality with three levels of magnification
- Re-engineered, rugged design with ergonomic controls
- Many accessories available

APPLICATIONS

- FTTx and hybrid networks
- Mobile fronthaul (FTTA) and backhaul
- Data centers
- Campus and private networks
- Military

SPECIFICATIONS

FIP-400B FIBRE INSPECTION PROBE SPECIFICATIONS[a]	
Size (HxWxD)	47Hmm x 42Wmm x 162Dmm (1$^{7/8}$in x 1$^{5/8}$in x 6$^{3/8}$in)[b]
Weight	0.3kg (0.66lb)
Resolution	0.55μm
Camera Sensor	Five-megapixel CMOS
Visual Detection Capability	<1μm
Field Of View	304μm x 304μm (high mag) 608μm x 608μm (mid mag) 912μm x 912μm (low mag)
Light Source	Blue LED
Digital Magnification	Three levels
Connector	USB 2
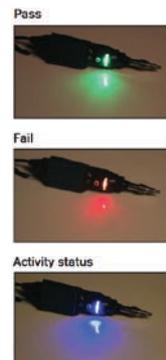
a. Typical   b. Measurement excluding tip and strain relief

SPECIFICATIONS

MODEL FEATURES	FIP-410B	FIP-420B	FIP-430B
Three Magnification Levels	YES	YES	YES
Image Capture	YES	YES	YES
Automatic Fibre Image-Centering Function	NO	YES	YES
Automatic Focus Function	NO	NO	YES
Embedded Pass/Fail Connector Analysis	NO	YES	YES
Pass/Fail LED Indicator	NO	YES	YES

ORDERING INFORMATION

FIP-410B	FIP-420B	FIP-430B	
Product Code	Product Code	Product Code	Included Tip(s)
EXF-FIP410B-SCA	EXF-FIP420B-SCA	EXF-FIP430B-SCA	SCA
EXF-FIP410B-FCSC	EXF-FIP420B-FCSC	EXF-FIP430B-FCSC	FC & SC

EXTRA TIPS ALSO AVAILABLE	PRODUCT CODE UPC	PRODUCT CODE APC
FC		EXF-FIPT400-FCA
FC & SC	EXF-FIPT400-FCSC	
LC	EXF-FIPT400-LC	EXF-FIPT400-LCA
MU	EXF-FIPT400-MU	
SC	EXF-FIPT400-SC	EXF-FIPT400-SCA
ST	EXF-FIPT400-ST	