

FIP-400 Fiber Inspection Probe

NETWORK TESTING—OPTICAL



Please note that this model has been discontinued. For more information, visit EXFO.com

Analog video inspection probe

KEY FEATURES

Dual magnification

Manual operation

Compatible with EXFO's legacy products

EXFO probe port connector type (8 pin mini-DIN)

SPEC SHEET

EXFO

FIP-400 COMPATIBILITY

The FIP-400 Fiber Inspection Probe features an analog probe connector only supported on the following EXFO legacy products:

FIP-400 Display



FOT-930



AXS-200



AXS-110



NEW GENERATION OF FIBER INSPECTION PROBE NOW AVAILABLE

To ensure compatibility with more recent generation of EXFO products:

FTB Ecosystem Platforms



Max-FIP and MaxTester 700B OTDR Series



IQS Platforms



PC and Laptops



A new generation of fiber inspection probe is now offered (January 2014), the FIP-400B series. This new fiber inspection probe series features USB and Wi-Fi connectivity and offers powerful automated features such as automatic image centering system, automatic focus adjustment and pass/fail connector endface analysis.



FEATURE	FIP-410B	FIP-420B	FIP-430B	FIP-425B	FIP-435B
Connectivity	Digital USB			Wi-Fi	
Compatibility	FTB, MaxTester, PC, IQS			FTB, MaxTester, PC, Android, iOS*	
Analysis	X	✓	✓	✓	✓
Autocentering	X	✓	✓	✓	✓
Pass/fail indicator	X	✓	✓	✓	✓
Autofocus	X	X	✓	X	✓

* iOS availability planned for early 2016

For more information on the FIP-400B, please refer to the FIP-400B specification sheet or visit www.EXFO.com/keepthefocus.

SPECIFICATIONS

Video Inspection Probe

Size (H x W x D)	without tip cap with tip cap	38 mm x 32 mm x 170 mm (1 1/2 in x 1 1/4 in x 6 11/16 in) 38 mm x 32 mm x 200 mm (1 1/2 in x 1 1/4 in x 7 3/4 in)
Weight		0.2 kg (0.44 lb)
Resolution		Theoretical < 2 µm, detection capability < 1 µm
Field of view		625 µm x 464 µm (low magnification) 412 µm x 306 µm (high magnification)
Light source		Blue LED
Lighting technique		Coaxial
Capture button ^a		Present on all models
Connector		EXFO probe port type (8 pin mini-DIN)
Focus control		Adjustable on the probe
Optical magnification		Adjustable, low and high (dual model only)

GENERAL SPECIFICATIONS

Temperature	operating storage	-10 °C to 50 °C -40 °C to 70 °C
Relative humidity		0 % to 95 % non-condensing

ACCESSORIES

Optional		Standard
FIPT-BOX	Plastic case divided into various compartments for tips	Video inspection probe (single or dual magnification)
GP-1001	Rechargeable battery for handheld display	FC-SC tip for bulkhead
GP-10-071	Soft carrying case for inspection probe, display and accessories	U25M universal patchcord tip for 2.5 mm ferrule
		Plastic case divided into various compartments for tips

Note

a. Works with USB 2.0 adapter, FOT-930 and FTB-200.

ORDERING INFORMATION

FIP-400-XX-XX

Inspection Probe Model

FIP-400-**P-DUAL** = Video inspection probe Dual magnification

Extra FIP-400B tips ^a

Bulkhead tips

- FIPT-400-**FC-APC** = FC/APC tip for bulkhead adapter
- FIPT-400-**FC-SC** = FC and SC tip for bulkhead adapter ^b
- FIPT-400-**LC** = LC tip for bulkhead adapters
- FIPT-400-**LC-APC** = LC/APC tip for bulkhead adapter
- FIPT-400-**MU** = MU tip for bulkhead adapters
- FIPT-400-**SC-APC** = SC/APC tip for bulkhead adapter
- FIPT-400-**SC-UPC** = SC/UPC tip for bulkhead adapter
- FIPT-400-**ST** = ST tip for bulkhead adapter

Patchcord tips

- FIPT-400-**U12M** = Universal patchcord tip for 1.25 mm ferrules
- FIPT-400-**U12MA** = Universal patchcord tip for 1.25 mm ferrules APC
- FIPT-400-**U16M** = Universal patchcord tip for 1.6 mm ferrules
- FIPT-400-**U20M2** = Universal patchcord tip for 2.0 mm ferrules (D4, Lemo)
- FIPT-400-**U25M** = Universal patchcord tip for 2.5 mm ferrules ^b
- FIPT-400-**U25MA** = Universal patchcord tip for 2.5 mm ferrules APC

Multifiber tips ^c

- FIPT-400-**MTP2** = MTP/MPO UPC tip for bulkhead adapter
- FIPT-400-**MTPA2** = MTP/MPO APC tip for bulkhead adapter
- FIPT-400-**MTP-MTR** = MTP/MPO multirow UPC tip for bulkhead adapter
- FIPT-400-**MTP-MTRA** = MTP/MPO multirow APC tip for bulkhead adapter

Tip kits

- FIPT-400-**LC-K** = LC tip kit including: FIPT-400-LC: LC tip for bulkhead adapters, FIPT-400-LC-APC: LC/APC tip for bulkhead adapter, FIPT-400-U12M: Universal patchcord tip for 1.25 mm ferrules APC
- FIPT-400-**LC-K-APC** = LC tip kit including: FIPT-400-LC-APC: LC/APC tip for bulkhead adapter and FIPT-400-U12MA: Universal patchcord tip for 1.25 mm ferrules APC
- FIPT-400-**LC-K-UPC** = LC tip kit including: FIPT-400-LC: LC tip for bulkhead adapters and FIPT-400-U12M: Universal patchcord tip for 1.25 mm ferrules
- FIPT-400-**MTP-MTR-K** = MTP/MPO multirow APC and UPC tip for bulkhead adapter ^c

Example: FIP-400-P-DUAL-FIPT-400-FC-APC

Notes

- a. This list represents a selection of fiber inspection tips that covers the most common connectors and applications but does not reflect all the tips available. EXFO offers a wide range of inspection tips, bulkhead adaptors and kits to cover many more connector types and different applications. Please contact your local EXFO sales representative or visit www.EXFO.com/FIPTips for more information.
- b. Included in the standard accessories with the FIP-400.
- c. Includes a bulkhead adapter for patchcord inspection.

EXFO Headquarters > Tel.: +1 418 683-0211 | Toll-free: +1 800 663-3936 (USA and Canada) | Fax: +1 418 683-2170 | info@EXFO.com | www.EXFO.com

EXFO serves over 2000 customers in more than 100 countries. To find your local office contact details, please go to www.EXFO.com/contact.

EXFO is certified ISO 9001 and attests to the quality of these products. EXFO has made every effort to ensure that the information contained in this specification sheet is accurate. However, we accept no responsibility for any errors or omissions, and we reserve the right to modify design, characteristics and products at any time without obligation. Units of measurement in this document conform to SI standards and practices. In addition, all of EXFO's manufactured products are compliant with the European Union's WEEE directive. For more information, please visit www.EXFO.com/recycle. **Contact EXFO for prices and availability or to obtain the phone number of your local EXFO distributor.**

For the most recent version of this spec sheet, please go to the EXFO website at www.EXFO.com/specs.

In case of discrepancy, the web version takes precedence over any printed literature.