FIP-400 Fiber Inspection Probe

NETWORK TESTING—OPTICAL

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)

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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	✗	✓	✓	✓	✓
Autocentering	✗	✓	✓	✓	✓
Pass/fail indicator	✗	✓	✓	✓	✓
Autofocus	✗	✗	✓	✗	✓

* 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**.

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SPECIFICATIONS

Video Inspection Probe

Size (H x W x D)	without tip cap	38 mm x 32 mm x 170 mm (1 ½ in x 1 ¼ in x 6 ¹¹/₁₆ in)
	with tip cap	38 mm x 32 mm x 200 mm (1 ½ in x 1 ¼ in x 7 ¾ 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	−10 ℃ to 50 ℃
	storage	−40 ℃ to 70 ℃
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.

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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, FIPT-400-U12MA: 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.

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