

# 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)

SPEC SHEET

## 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](http://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 <sup>a</sup>		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

FIPT-BOX	Plastic case divided into various compartments for tips
GP-1001	Rechargeable battery for handheld display
GP-10-071	Soft carrying case for inspection probe, display and accessories

### Standard

Video inspection probe (single or dual magnification)
FC-SC tip for bulkhead
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 <sup>a</sup>

## Bulkhead tips

FIPT-400-FC-APC = FC/APC tip for bulkhead adapter  
FIPT-400-FC-SC = FC and SC tip for bulkhead adapter <sup>b</sup>  
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 <sup>b</sup>  
FIPT-400-U25MA = Universal patchcord tip for 2.5 mm ferrules APC

Multifiber tips <sup>c</sup>

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 <sup>c</sup>

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

## Notes

- 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](http://www.EXFO.com/FIPtips) for more information.
- Included in the standard accessories with the FIP-400.
- Includes a bulkhead adapter for patchcord inspection.

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