

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 13, 2026

EXFO

Exfo FIP-400-P-DUAL 400" fiber inspection probe

Exfo FIP-400-P-DUAL – fiber inspection probe, Dual fiber inspection probe supporting MPO/MTP and single-fiber connectors. Enables fast switching without adapter changes. Features auto-focus, high-resolution imaging, and standards-based pass/fail analysis. USB connectivity and ergonomic design enhance usability in data centers, telecom networks, and lab settings. Improves inspection speed and ensures connector cleanliness.



MODEL

Exfo FIP-400-P-DUAL

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

FIP-400-P-DUAL

LISTING

<https://aumictechlabs.com/products/fip-400-p-dual-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The EXFO FIP-400-P-DUAL is a dual-magnification fiber inspection probe engineered for high-resolution end-face examination of fiber optic connectors. It delivers theoretical resolution below 2 μm with detection capability down to 1 μm , enabling identification of scratches, contamination, and surface defects across MPO/MTP and single-fiber connector types without adapter reconfiguration. The probe features adjustable dual magnification with selectable fields of view: low magnification at 625 μm $\times$ 464 μm and high magnification at 412 μm $\times$ 306 μm . Coaxial blue LED illumination ensures consistent lighting geometry for accurate defect assessment. Technical Specifications Resolution: Theoretical < 2 μm ; detection capability < 1 μm Field of View (Low Magnification): 625 μm $\times$ 464 μm Field of View (High Magnification): 412 μm $\times$ 306 μm Magnification: Dual, adjustable Light Source: Blue LED, coaxial configuration Probe Connector:

EXFO probe port type (8-pin mini-DIN) Focus Control: Adjustable on probe Image Capture: On-probe capture button Power: Rechargeable Li-Ion battery (handheld display models)Key Features Interchangeable inspection tips for 2.5 mm, 1.25 mm, FC/SC, and LC connector families Support for both PC standard (PC) and angled (APC) ferrule geometries Probe dimensions: 170 mm × 32 mm × 38.5 mm (without tip cap) Handheld display unit: 190 mm × 99 mm × 50 mm; weight approximately 0.3 kg USB 2.0 connectivity via optional converter for PC-based inspection workflowsCompatibility & Integration The FIP-400-P-DUAL integrates with EXFO test platforms including FTB-200, FOT-930, FTB-1 (firmware-dependent), FTB-500, and IQS-600. Direct EXFO probe port connection or PC connectivity via USB converter adapter enables flexible deployment across field, lab, and data center inspection environments.

Features & description

From manufacturer datasheet

Features

- Fully automated one-step inspection
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Applications

- Connector endface inspection and certification

FIP400PDUAL Characteristics / Specifications

PARAMETER	VALUE
Model	FIP-435B
Manufacturer	EXFO
Instrument Type	Wireless Fiber Inspection Probe
Alias	FIP-400B Wireless; FIP435B
Size	55 mm x 39 mm x 207 mm
Weight	0.3 kg (0.66 lb)
Resolution	0.55 um
Camera sensor	five-megapixel CMOS
Visual detection capability	less than 1 um
Field of view high	304 um x 304 um
Field of view mid	608 um x 608 um
Field of view low	912 um x 912 um
Light source	Blue LED
Lighting technique	Coaxial
Digital magnification levels	3
Capture button	yes
Magnification button	yes
Connector	Micro USB
Connectivity	WiFi 802.11g
Frequency band	2.4 GHz
OS compatibility	Android 4.4 and above; iOS 9 and above
Power	1 x removable battery
Autonomy	≥8 hours
Recharge time	≤4 hours
Distance range	2.5 m (8.2 ft)

PARAMETER	VALUE
Operating temperature batteries	-10 C to 40 C
Operating temperature USB adapter	0 C to 40 C
Storage temperature with batteries	-20 C to 60 C
Storage temperature without batteries	-40 C to 70 C
Relative humidity unit	0% to 95% non-condensing
Automation	autofocus; autocentering; onboard pass/fail
Pass fail LED	yes
Standards analysis	IEC; IPC; custom Notes Specs from EXFO FIP-400B / FIP-435B wireless fiber inspection scope specification sheets. Confirm tip kit (UPC vs APC) and platform software revision with the shipment.
Storage temperature	with batteries: -20 C to 60 C
Operating temperature	batteries: -10 C to 40 C
Humidity	unit: 0% to 95% non-condensing

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	with batteries: -20 C to 60 C
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Automation	autofocus; autocentering; onboard pass/fail
Pass fail LED	yes
Standards analysis	IEC; IPC; custom Notes Specs from EXFO FIP-400B / FIP-435B wireless fiber inspection scope specification sheets. Confirm tip kit (UPC vs APC) and platform software revision with the shipment.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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Relative humidity unit	0% to 95% non-condensing

Specifications

PARAMETER	VALUE
Automation	autofocus; autocentering; onboard pass/fail
Pass fail LED	yes
Standards analysis	IEC; IPC; custom

Notes

Specs from EXFO FIP-400B / FIP-435B wireless fiber inspection scope specification sheets. Confirm tip kit (UPC vs APC) and platform software revision with the shipment.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.