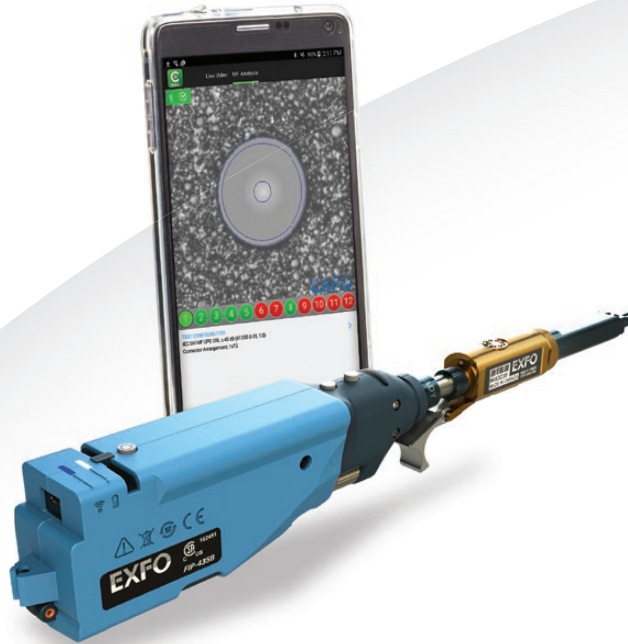


# Automated Multifiber Inspection Solution

AUTOMATED WIFI INSPECTION TOOL WITH EMBEDDED ANALYSIS



Turn your Android™ smart device into an automated multifiber inspection solution. Inspect multifiber MPO dense panels, reach recessed connectors and perform pass/fail assessments—quickly and easily.

## KEY FEATURES

Patent pending interface enabling a view of the entire multifiber connector in one shot along with individual and global pass/fail status.

Individually numbered fiber display to avoid confusion

MF-ready probes compatible with single-fiber and automated multifiber tips

Long, slim design and rotation capabilities to access dense/recessed patch panels

Fully automated, completely wireless, self-powered unit

Screenless operation enabled by pass/fail LED indicator

Compatible with ConnectorMax2 BASIC mobile application for Android devices

On-board connector endface analysis (IEC, IPC or custom)

All-day battery life that will never let you down

## APPLICATIONS

Data centers

FTTx networks

## SUPPORTED CONNECTORS

MPO, MTP<sup>1</sup>, Q-ODC<sup>2</sup> .12, and OptiTip<sup>3</sup> MT connectors

Single- or dual-row fiber connectors (12/24 or 16/32)

Single-fiber connectors such as SC, LC and others

## RELATED PRODUCT



**Fiber Inspection Probe**  
FIP-435B MF-ready

### Notes

<sup>1</sup> MTP is a registered trademark of US Conec Ltd.

<sup>2</sup> Q-ODC is a registered trademark of HUBER+SUHNER

<sup>3</sup> OptiTip is a registered trademark of Corning Cable Systems



## FULLY AUTOMATED. WIRELESS. UNRESTRICTED.

By combining unmatched ease of use and WiFi connectivity along with the flexibility and user-friendliness of Android smart devices, EXFO is removing the last roadblocks in connector certification and making testing simple and headache-free. With the FIP-435B, there is nothing stopping your field crews from following fiber testing best practices and eliminating faulty connector issues impacting the performance of your network.

## MF-READY WIRELESS FIBER INSPECTION PROBES

EXFO's FIP-425B and FIP-435B are now MF-ready. These fiber inspection probe versions feature the extra-wide field of view and enhanced performance required to work with the FIPT-400-MF Automated Multifiber Inspection Tip.

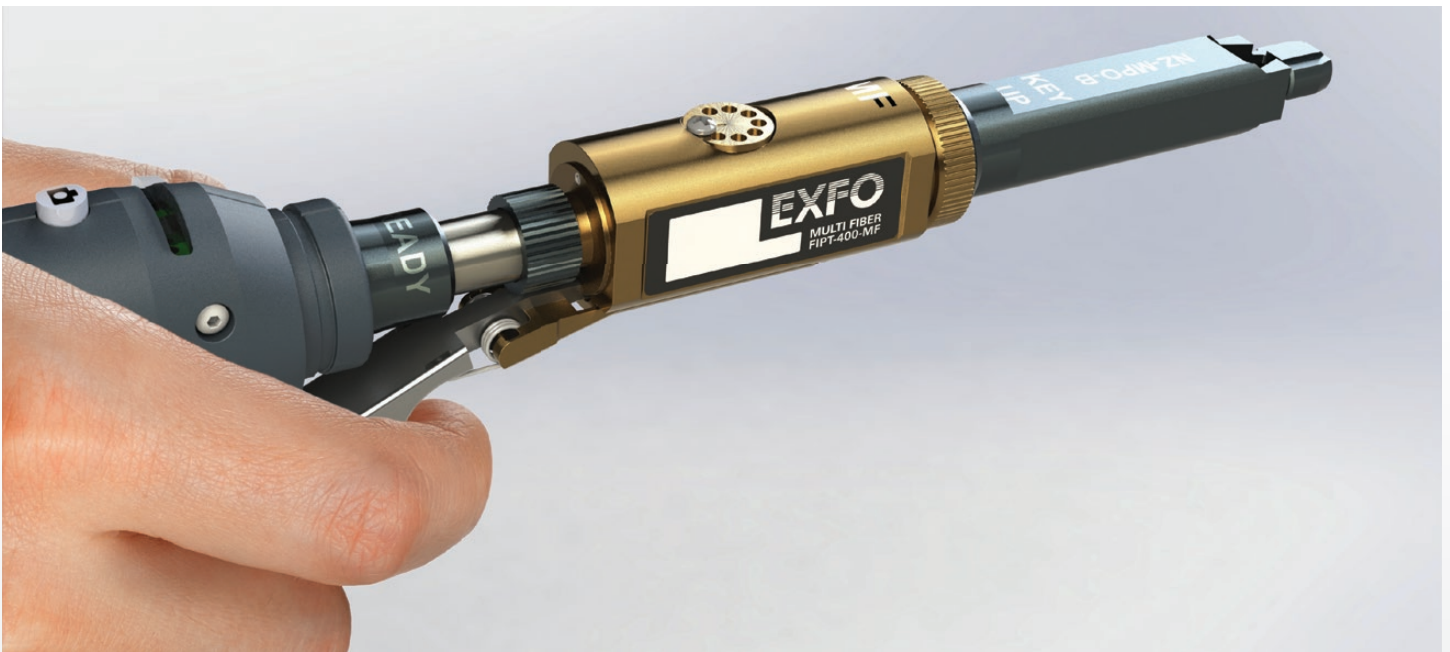
## MF-READY UPGRADE

Benefit from the latest and best and protect your investment. EXFO offers an upgrade service to legacy FIP-425B and FIP-435B Fiber Inspection Probe owners. This upgrade is offered at a minimal cost and discount when purchased together with any automated multifiber inspection tip. Ask a sales representative for more details.

## AUTOMATED MULTIFIBER INSPECTION

Users can quickly and easily inspect all multiple- and single-row MPO connectors, without missing any fibers or dealing with the hassle of manipulating one or multiple scanning knobs, and while doing it right the first time. The FIPT-400-MF uses a trigger to scan all fibers automatically.

These features make it possible to inspect densely populated panels without having to disturb adjacent fibers that may be carrying information. Users can easily operate this instrument with just one hand—it's automated and fumble-free fiber inspection.



## COMPATIBLE WITH VARIOUS MULTIFIBER CONNECTORS

This tip is compatible with single- and dual-row multifiber connectors regardless of the connector type.

Thanks to its removable nozzle, the solution can easily and quickly be adapted to various multifiber connector models:

- › APC or UPC polishing type
- › 12-fiber-row ferrule type for 12-24 fiber connectors
- › 16-fiber-row ferrule type for 16-32 fiber connectors

Future applications will also include Q-ODC-12<sup>®</sup> and OptiTip<sup>®</sup> connectors.



## AUTOMATED SOFTWARE

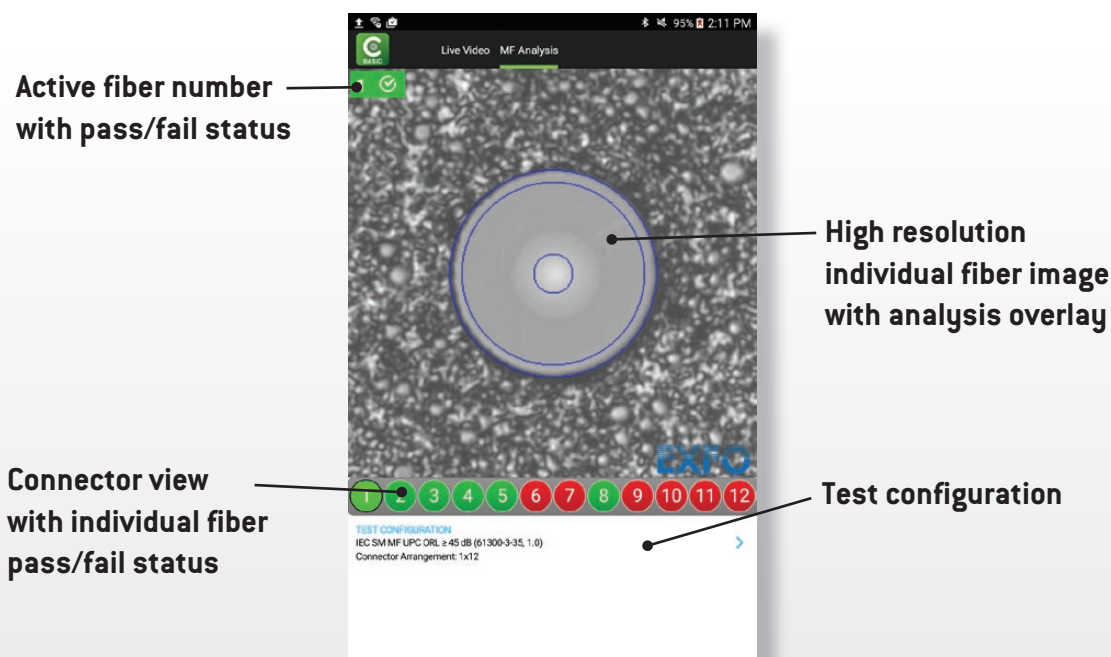
Thanks to its onboard advanced software algorithm, ConnectorMax2 BASIC ensures that no fibers are skipped and performs automated IEC pass/fail analysis within seconds. No need to follow fibers and count them manually; the interface will number each fiber automatically and assess the pass/fail status of the entire connector as well as each individual fiber.

## MOBILE APP

EXFO's new patent pending interface enables a quick assessment of the entire multifiber connector in a single view. Access single fiber as well as the entire connector pass/fail status all at once by means of a simple interface. Quickly navigate through individual high-resolution fiber images on demand by selecting fibers in the connector view or simply by swiping over the fiber image.

Currently, ConnectorMax2 BASIC is used for performing automated inspection and analysis on Android devices.

Starting in summer 2017, the full version of the ConnectorMax2 mobile application will provide users with a free update enabling full reporting capabilities. It will also enable compatibility with iOS devices.



## ORDERING INFORMATION

FIP-4**XXB**-**XX**-FIPT-400-MF-MPO-**XX-XX****Inspection Probe Model<sup>a</sup>**

FIPT-425B = Wireless Analysis Digital Video Inspection Probe

Automated pass/fail analysis  
Triple magnification  
Autocentering

FIPT-435B = Wireless Analysis Digital Video Inspection Probe

Automated focus  
Automated pass/fail analysis  
Triple magnification  
Autocentering

**Base Tips**

APC = Includes FIPT-400-U25MA and FIPT-400-SC-APC

UPC = Includes FIPT-400-U25M and FIPT-400-FC-SC

**Automated multifiber tips<sup>e</sup>**

UPC = For MPO/UPC connectors 12-24 fibers

Includes: FIPT-400-MPO-BLK & FIPT-400-NZ-MPO

APC = For MPO/APC connectors 12-24 fibers

Includes: FIPT-400-MPO-BLK & FIPT-400-NZ-MPO-APC

X = For MPO/APC connectors 16-32 fibers

Includes: FIPT-MPO-X-BLK & FIPT-NZ-MPO-X

**Extra FIP-400B tips<sup>b</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>c</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<sup>d</sup>

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>c</sup>

FIPT-400-U25MA = Universal patchcord tip for 2.5 mm ferrules APC<sup>d</sup>

**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

**Extra nozzle for FIPT-400-MF tip**

FIPT-400-NZ-MPO = For MPO/UPC connectors 12-24 fibers

FIPT-400-NZ-MPO-APC = For MPO/APC connectors 12-24 fibers

FIPT-400-NZ-MPO-X = For MPO/UPC connectors 16-32 fibers

Example: FIP-435B-UPC-FIPT-400-MF-MPO-APC-FIPT-400-U25M

**Notes**

a. ConnectorMax2 Mobile software available on the App Store and Google Play™.

b. 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 adapters 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.

c. Included when UPC base tips are selected.

d. Included when APC base tips are selected.

e. Multifiber analysis feature only available on ConnectorMax Mobile BASIC for Android devices using the automated multifiber tips.

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