

MPC-100

OPTICAL POWER CHECKER



 **Bluetooth™**



This micro optical power checker brings optical testing capability to your Android or iOS smart device.

SPEC SHEET

KEY FEATURES

Stand-alone operation

Compatible with Android™ and iOS™ devices

Wireless connection via Bluetooth™

Internal data storage

Universal 2.5 mm (supports SC, FC, ST optical connectors) and 1.25 mm adapter (supports LC and E-2000 optical connectors)

Small form factor, pocket-size

Rechargeable battery

Backlit display

Wrist strap

RELATED PRODUCTS



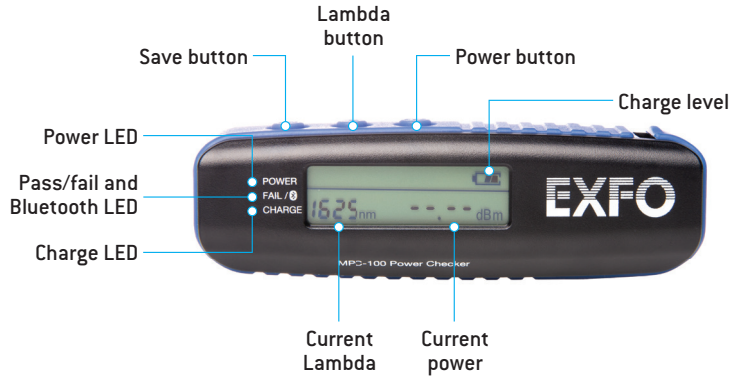
ConnectorMax Fiber Inspection Probe



Fiber Inspection Kit TK-MPC-FIP

The EXFO logo in blue, with the letters 'E', 'X', 'F', and 'O' in a stylized, spaced-out font.

CONTROLS AND OVERVIEW



OPTICAL AND ELECTRICAL PORTS



SMART DEVICE APPLICATION

This micro power checker communicates with the smart device via Bluetooth. Its straightforward and free smart applications make the operation of this instrument really simple. Data can be saved directly into the smart device for seamless sharing via text and emails.

Key features of the app:

- › Supports Duplex measurements storing values on the transmit (Tx) and receive (Rx) side on the same window and in the same report
- › Possibility to add GPS coordinates to measurement data to easily track measurement sites
- › Export of the results in .JSON format making it easy to integrate in data management systems. PDF format also supported.



The application is available for iOS and Android devices via the App Store and Google Play.



OPM Report PASS

General Information

Measurement Name: Auto-MPC0003
 Job ID: 0124
 Test Date and Time: 2018-09-05, 12:00 PM
 Operator: John
 Company: My Cable Company
 Project ID: North East Connection
 Connector ID: 1524
 Location: Drop Terminal
 Coordinates: 46.81464, -71.17887
 Comments: Terminal was fixed and is up and running

Instrument

Model: MPC-100X
 Serial Number: AC37980235

Results

Direction	Wavelength	Power	Thresholds		Status
			Minimum	Maximum	
Tx	1550 nm	4.12 dBm	-40.00 dBm	-10.00 dBm	PASS
Rx	1550 nm	4.12 dBm	-40.00 dBm	-10.00 dBm	PASS

EXFO Signature _____ Date: 2018-09-05

SPECIFICATIONS^a

Model	MPC-103	MPC-103X
Wavelengths (nm)	850, 980, 1300, 1310, 1490, 1550, 1625	
Range (dBm)	-60 to 10	-45 to 23
Uncertainty (dB) ^b	±0.5	
Resolution (dB)	0.01	
Adapter type	Standard: universal 2.50 mm Optional: universal adapter for 1.25 mm	
Bluetooth	4.0 BLE (4 m)	
Smart device OS compatibility ^{c, d}	Android 5.1 and above, iOS 9.3 and above	
Battery autonomy	3 h continuous	
Storage	100 measurements internal (virtually unlimited via smart device and cloud)	
Size (H x W x D)	32 mm x 102 mm x 24 mm (1 ¼ in x 4 in x 1 ⁵ / ₁₆ in)	
Weight	70 g (0.15 lb)	

Notes

a. Typical.

b. At 23 °C, 1550 nm, -20 dBm, for CW signals and using singlemode fibers.

c. Software compatible with Samsung Galaxy Note® 4 & 5, Samsung Galaxy S® 3, 4, 5, 6 & 7, Google Nexus 5X, Apple iPhone 6S Plus & 7 and Apple iPad Air 2 devices. Other models are not guaranteed to be fully compatible. Download our free MPC-100 app on Google Play and App Store.

d. Not available on Android tablets.

ACCESSORIES (INCLUDED)

Quick reference guide (hard copy)

USB to micro USB cable

Micro USB to micro USB cable

Wrist strap

ACCESSORIES (OPTIONAL)

GP-2231: 1.25 mm hybrid universal adapter

ORDERING INFORMATION

MPC-10X

Models ■

MPC-103 = Bluetooth Micro Power Checker

MPC-103X = High Power Bluetooth Micro Power Checker

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