MPC-100

OPTICAL POWER CHECKER

Bluetooth™

Available on the App Store

GET IT ON Google play
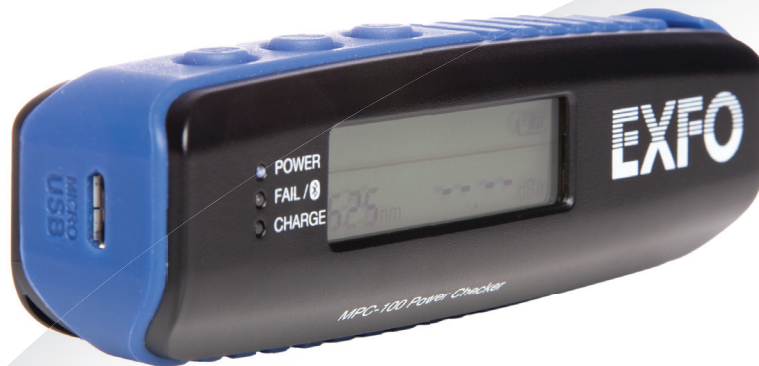
This micro optical power checker brings optical testing capability to your Android or iOS smart device.

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
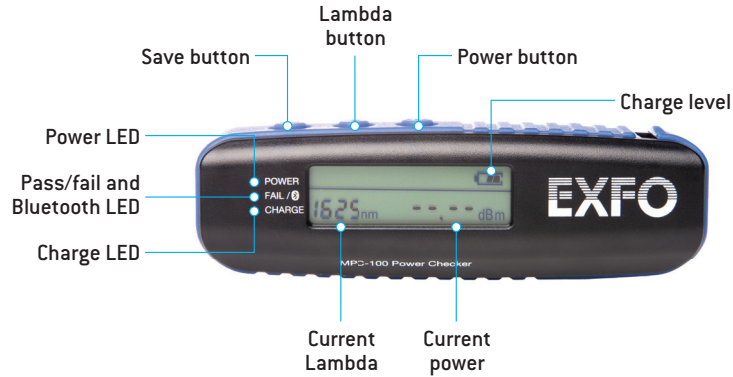
Wrist strap

RELATED PRODUCTS

ConnectorMax Fiber Inspection Probe

Fiber Inspection Kit
TK-MPC-FIP

EXFO

CONTROLS AND OVERVIEW

Lambda button

Save button

Power button

Charge level

Power LED

Pass/fail and Bluetooth LED

Charge LED

Current Lambda

Current power

OPTICAL AND ELECTRICAL PORTS

Micro USB port
• Charge
• Download data

Optical port
• 2.50 mm
• 1.25 mm adapter opt.

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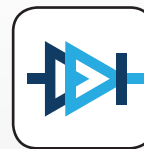
The application is available for iOS and Android devices via the App Store and Google Play.

Available on the App Store

GET IT ON Google play

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 $^{15}/_{16}$ 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

EXFO