

MPC-100

OPTICAL POWER CHECKER



- 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

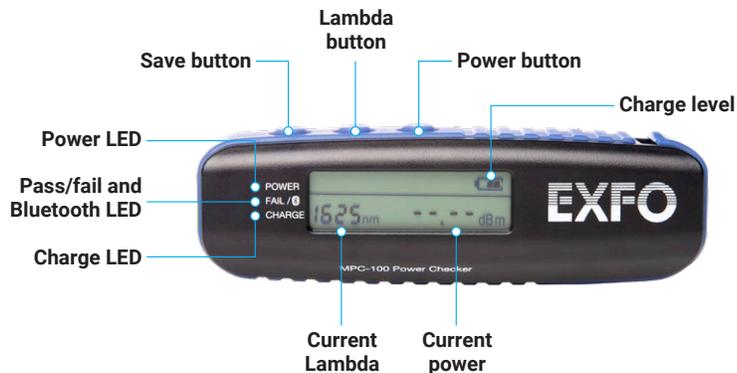


ConnectorMax fiber inspection scope



Fiber inspection kit TK-MPC-FIP

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-MPC00003	Customer:	My Cable Company			
Job ID:	1034	Company:	North East Contractors			
Test Date and Time:	2018-08-20, 12:00 PM	File ID:	File 09			
Operator:	Jim					
Connector ID:	1034					
Location:	Drop Terminal	Geolocation:	46.81464, -71.23527			
Comments:	Terminal was hot and it up and running.					
Instrument						
Model:	MPC-100X	Serial Number:	AC87060C385			
Results						
Test Configuration: Default						
Direction	Wavelength	Power	Thresholds		Status	
			Minimum	Maximum		
Tx	1550 nm	5.08 dBm	-43.00 dBm	13.00 dBm	PASS	
Rx	1550 nm	4.12 dBm	-43.00 dBm	13.00 dBm	PASS	

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 1/4 in x 4 in x 15/16 in)	
Weight	70 g (0.15 lb)	

ACCESSORIES

Included	Optional
Quick reference guide (hard copy)	GP-2231: 1.25 mm hybrid universal adapter
USB to micro USB cable	
Micro USB to micro USB cable	
Wrist strap	

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.

ORDERING INFORMATION

MPC-10XX

Models ■ ————
 MPC-103 = Bluetooth micro power checker
 MPC-103X = High power Bluetooth micro power checker

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