



**METRIC**  
INDUSTRIAL

# mini Power Meter mPM



**TheFibers®**  
CREATIVE FIBERS

**mini Power Meter (mPM-100B)** communicates with PC as well as Smartphone (iPhone & Android) via micro USB 2.0 or Bluetooth. mPM-100B is very small 102(w) x 32(h) x 24(d)mm and can be operated as a stand-alone power meter with LCD, battery, buttons and LED indicators. Its universal 2.5mm adapter will accept FC, SC, ST, E2000 connectors. Suitable for all singlemode and multimode applications, such as FTTH, PON and CATV networks. mPM has a built-in rechargeable battery, easily charged by standard smartphone charger (micro USB 2.0 type).

**Features:**

- Very small and lightweight
- Communicates with Smartphone via USB / Bluetooth
- Communicates with PC via USB
- Smartphone application software and PC Software
- Free software available on AppStore and Google Play
- Pass/Fail indication for in-field compliance
- Li-ion Polymer rechargeable battery
- Battery charging via a USB interface
- Universal 2.5mm adapter (FC, SC, ST)
- Universal 1.25mm adapter available as option (LC, MU)



**Specifications:**

PARAMETERS		VALUES
Fiber type		Single-mode and Multi-mode
Calibrated wavelength	mPM 100B-5	850, 1300, 1310, 1490, 1550 nm
	mPM 100B-7	850, 980, 1300, 1310, 1490, 1550, 1625 nm
Wavelength range		800 ~1650 nm
Measurement range		+10 ~-60 dBm
Resolution		0,01 dB
Measurement accuracy		±5% @ -20 dBm
Data storage		100 measurements
Operation mode		Power meter / Insertion loss meter
Photodetector		InGaAs
Display unit		Nm, dBm
Battery	Type	LI-ion Polymer, Rechargeable
	Power	3,7 V
	Life	3 hours (Continuous usage)
	Charging time	1 hour
General	Size	32 x 102 x 24 mm
	Weight	70 g
	Display	2,1" LCD w/LED backlight, 3 LED indicators
	Data storage	100 measurements
	External Interface	USB 2,0, Bluetooth

**Standard delivery:**

- Power Meter (Rechargeable battery included)
- Smart USB Data cable (Smartphone to mPM-100B)
- PC USB cable (PC to mPM-100B)
- Necklace
- User manual



**Ordering information:**

GX01-200016            mPM 100B-5  
GX01-200005            mPM 100B-7

**Free Software mPM-100 available in App Store and Google Play**



mPM-100  
mini Power Meter



mLS-100  
mini Light Source

