

optical power meter

PM-102

Description

The PM Series Fiber Meters are hand-held, compact, lightweight, and easy-to-use battery powered optical power meters. Together with any of Wilcom's Fiber Sources, this team makes a perfect combination for accurately testing multimode and singlemode optical fiber systems

The PM series are designed for affordable budgets, but meet the basic demands for real world testing. With the smaller size and weight, it's easy to take the units into any environment.

The PM-102A measures optical power from +3dBm to -60dBm (+23dBm to -40dBm for PM-102B) with calibrated wavelengths of 850,1300,1310,1490,1550 and 1625 making these units ideal for general singlemode and multimode fiber optic testing.

Standard accessories include: FC/PC, SC/PC, ST/PC interchangeable connector, Manual, Carry Bag, worldwide compatible AC/DC adapter, Test Report.



Specifications:

	PM-102A	PM-102B
Calibrated Wavelength	850/1300/1310/1490/1550/1625	
Detector Type	InGaAs	
Connector	Interchangeable FC, SC, ST, 2.5mm Universal for PC/APC	
Accuracy ¹	± 0.35dB ± 10nW	
Resolution	0.01dB	
Linearity	± 5%	
Auto Power Off	Yes	
Backlight	Yes	
Reference Value	Yes	
Measuring Range (dB)	-60 to +3	-40 to +23
USB Interface	N/A	
Data Storage	N/A	
Wavelength Recognition	N/A	
Tone Detection (Hz)	N/A	
Operating Temperature	-10 to +50 °C	
Storage Temperature	-20 to +70 °C	
Power Supply	Li-ion Battery; 5v AC/DC Adapter	
Dimension (mm)	115L x 62W x 30H	
Net Weight	140g	
Warranty	1 year	

Note 1: Valid at 1550nm, CW, 23±3°C, R.H. < 70% with an FC connector

Ordering Information:

Description	Part Number	Description	Part Number
PM-102A - Power Meter -60 to +3	30032493-01	PM-102B - Power Meter -40 to +23	30032493-02

Optional Accessories

Description	Part Number	Description	Part Number
E2000 Adapter	30032496-01	2.5mm Universal Adapter	30032496-03
LC Adapter	30032496-02	1.25mm Universal Adapter	30032496-04
Aluminum Carry Box	30032499-01		

Wilcom