

# PRO - PM-102A / PM-102B (CATV)

## Power Meters

The PM 100 series of Power Meters are designed for use with an Optical Source to performing optical loss measurements on fiber optic cables. The PM1 series is designed for the low budget. It can meet the basic demand in real testing and with the smaller size and weight, it is easier to take in real testing.

### SPECIFICATIONS

	PM- 102A	PM- 102B
Wavelength (nm)	850/1300/1310/1490/1550/1625	
Connector	FC/PC, SC/PC, ST/PC, Universal	
Detector Type	InGaAs	
Accuracy	+ 0.35 dB + 10nW	
Resolution	0.01dB	
Linearity	+ 5%	
Measuring Range (dBm)	-60 to +3	-40 to +23
Operating Temperature	-10 to +50	
Storage Temperature	-20 to +70	
Power Supply	Li-ion Battery ; 5V AC/DC Adapter	

### Standard Accessories:

- Carrying Bag
- User Manual
- Worldwide compatible AC/DC power adapter
- Test report
- Adapters: FC/PC, SC/PC, ST/PC
- Built-in 2.5mm Universal Adapter
- Li-ion Battery

### Optional Accessories:

- E2000 Adapter
- LC Adapter, external FC to LC adapter
- 2.5mm Universal Adapter
- 1.25mm Universal Adapter
- SRC-1 Semi-Rigid 100 Series Case



### ORDERING INFORMATION

PM-102A	Power Meter PM-102A
PM-102B	Power Meter PM-102B (CATV)

# PRO - PM-202A/PM-202B | PM-204A / PM-204B (CATV)

## Power Meter

The PM 200 series of Power Meters is functional and refined. These exceptional units have been designed to function in laboratories, LANs, WANs and CATV as well as long distance optical networks. The PM 200 series together with our Stabilized Laser Sources, can be used to identify optical fiber, measure optical attenuation, verify continuity and evaluate fiber link transmission quality.

### Computer Supported:

Memory capacity of 1000 data items; enables data transfer to a PC via USB connection. With the software, the data sheet can be saved as excel or plain text.

### Referencing Functions:

Signal encrypting can also give the receiving end information on the power to be used as reference, helping ensure efficient referencing, even when the two units are far apart.

### Auto-Wavelength Recognition:

The LS-202D units can transmit with a wavelength identification digital encrypted protocol, enabling the PM 200 Power Meter to automatically use the proper calibration parameters. This feature reduces the need for communication between technicians and decreases the potential for error.

### SPECIFICATIONS

	PM-202A	PM-204A	PM-202B	PM-204B
Calibrated Wavelength	850/1300/1310 /1490/1550/1625 (nm)			
Detector Type	InGaAs			
Accuracy	± 5% ± 1nW		± 5% ± 10nW	
Resolution	0.01dB@-60 to +10dBm; 0.1dB@-70 to -60dBm		0.01dB@-40 to +26dBm; 0.1dB@-50 to -40dBm	
Linearity	± 5%			
Measuring Range	-70 to +10 (dBm)		-50 to +26 (dBm)	
Tone Detection (Hz)	270,1K,2K			
Operating Temperature	-10 °C to +50 °C			
Storage Temperature	-20 °C to +70 °C			
Power Supply	2pcs * Ni-MH AA(2500mAh); 6V AC/DC adapter			
Dimension (mm)	160L x 76W x 45H			
Net Weight	270g+			

### Standard Accessories:

FC/PC,SC/PC,ST/PC interchangeable connector, Batteries, Built-in 2.5mm Universal Adapter, manual, Carrying Bag, Software (CD), USB cable, Worldwide compatible AC/DC power adapter, and test report.

### Optional Accessories:

E2000 Adapter, External LC Adapter, 1.25mm Universal Adapter, SRC-1 Semi-Rigid 100 Series Case

### ORDERING INFORMATION

PM-202A	Power Meter PM-202A
PM-202B	Power Meter PM-202B
PM-204A	Power Meter PM-204A (w/ data storage)
PM-204B	Power Meter PM-204B (CATV) - (w/ data storage)

### OPTIONAL ACCESSORIES:

PMA-MU	MU Adapter	PMA-LC	LC Adapter
PMA-E2000	E2000 Adapter	PMA-U125	1.25mm Universal Adapter