

Optical Power Meter

PMSII-X is a high-performance portable Optical Power Meter for testing, installing, and maintaining single mode and multimode cables and networks, such as optical communication, optical cable TV, fiber sensing and so on, with compact structure, low power consumption, while keeping high performance. It can work together with light source or optical attenuator for various optical tests.

PMS-XF is a optical power meter for measuring continuous optical power. It can be used as a tool in optical communication, optical cable TV, fiber sensing and so on.



Applications

- Optical fiber communication
- Design and manufacturing of fiber optic components
- Optics sensor system

Features

- Wide dynamic measurement range
- Interchangeable connectors available
- A robust, shock-proof, and splash-proof design
- RS232 communication interface
- High accuracy and long term stability
- Max/Min recording for power fluctuation test
- Quick start operation, no warm-up time

Specifications

Parameter	Unit	Value			
		Portable Optical Power Meter		Benchtop Optical Power Meter	
		PMSII-A	PMSII-B	PMS-AF	PMS-BF
Photo Diode		InGaAs			
Wavelength	nm	800 ~ 1700			
Optical Connector		FC (Female)			
Calibrated Wavelengths	nm	850,980,1310, 1480,1550,1610			
Display Range ¹	dBm	-65 ~ +10	-45 ~ +33	-65 ~ +10	-45 ~ +33
Display Unit		dBm, mW, μW, nW, dB			
Max. Permitted Level	dBm	+13	+33	+13	+33
Resolution	dB	0.01			
Intrinsic Uncertainty ²		±0.22(±5%) ²			
Power Supply		2×1.5V(AA/LR6) batteries or DC 6V adapter		220V/110V AC	
Battery Life ³	hour	>60			
Ambient Temperature	°C	0 ~ +40			
Package	mm	200×95×40		210×206×80	

Notes : 1. Testing wavelength is 1550nm. 2. Test condition: Temp. 25°C±2. Relative humidity: 40~75%.
3. Test condition : 2400mAh rechargeable batteries; -20dBm input optical power.

Ordering Information

Portable Optical Power Meter

PMSII -



Range of Measurement

- A: -65 ~ +10dBm
- B: -45 ~ +33dBm

Optional accessory(for PMSII)

007	LCD background light
008	SC connector
009	ST connector
010	FC/PC bare fiber adaptor
012	Software for communication cable
013	Rs232 communication cable
014	MU, LC connector

Benchtop Optical Power Meter

PMS -



Measure Range

- AF: -65 ~ +10dBm
- BF: -45 ~ +33dBm