

# PORTABLE FIBER OPTIC POWER METER – PMS SERIES

**PHOTONIK** hv

PMS- series super-portable optical power meter is widely used in optical cable-laying and maintenance environment. It features of super compact package, light-weight, reliable circuit board & LCD display, premium protection casing design, with much more convenience in operation than desktop types.

## Main Applications

- Optical cable laying site and laboratory
- Optical fiber communication system and CATV

## Key Features

- Large size LCD display and auto-change measure range
- Optical power, attenuation, and its relative value display function
- Auto-clear, auto-off, and low battery alarm



## General Specifications

Parameter	Unit	Value				
		PMS-1	PMS-1A	PMS-1B	PMS-2	PMS-12
Model/Series		PMS-1	PMS-1A	PMS-1B	PMS-2	PMS-12
PD Chip Type		InGaAs			Si	InGaAs
Wavelength Band	nm	1000~1700			400 ~ 1050	800 ~ 1700
Operation Wavelength	nm	1300, 1310, 1480, 1550			660, 670, 780, 820, 850	850, 1300, 1310, 1480, 1550
Measurement Range		- 70~5dBm	- 50 ~ 20dBm	- 50 ~ 30dBm	- 70 ~ 5dBm	
		0.1nW~ 3mW	10nW~100mW	10nW~1W	0.1nW ~ 3mW	
Accuracy		± 5%				
Optical Interface		FC Adapter				
Resolution		dBm: 0.01dBm; W: 0.1% ~ 1%				
DC Power		Normal: 2x8.4V, 150mAh Rechargeable Battery; Pocket: 2x1.5V (7#battery)				
Operation Temperature	°C	0 ~ 40				
Storage Temperature	°C	- 20 ~ +70				
Physical Dimension	mm	Normal: 25 × 80 × 180; Pocket: 35 × 60 × 125				

## Ordering Information

**PMS- X X**



**Package Type:**  
**Wavelength:**

S: Normal; M: Pocket  
 1: Long-Wavelength(0.1nW~3mW);  
 1A: Long-Wavelength(10nW~100mW);  
 1B: Long-Wavelength (10nW~1W);  
 2: Short-Wavelength (0.1nW~3mW);  
 12: Long + Short wavelength (0.1nW~3mW)

## Contact Information:

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