
Handhold Power Meter

DESCRIPTION

Power Meter with a chip microcomputer control and the large-screen graphics LCD, it can provide precision measurement from 850 to 1625nm wavelength ranges and measuring range including -70 dBm to +6 dBm, -50 dBm to +26 dBm. Optical power meter can test the PM power to the light, light stability, insertion loss, optical transmittance, reflectance of light and so on. It widely used in optical fiber communications, CATV, Fiber Optical Sensors etc. It is indispensable for scientific research and engineering construction.



Features

- Self-calibration function.
- High performance import laser detector.
- High sensitivity and large dynamic range
- 0.01 dBm precision
- Automatically converted Range
- Small size, light weight, high reliability
- Battery-powered, convenient field work
- Line display or relative loss displayed.

Applications

- Fiber optic production and research
- Testing and maintenance of fiber-optic network
- Teaching and testing in optical communication

Specifications

Type	A	B
Detector	InGaAs	Filtered InGaAs
Wavelength Range (nm)	850,1300,1310,1490,1550,1625	850,1300,1310,1490,1550,1625
Power Measurement range(dBm)	-70~+6	-50~+26
Uncertainty	+5%	
Resolution Ratio	0.01dBm	
Power Supply	9V alkaline battery	
Optical Connector	FC-type adapter (SC,ST is optional)	
Operating Temperature	-10°C to 60°C	
Storage Temperature	-20°C to 70°C	
Work Humidity	<95%	
APO	10min	
Dimensions	16.5×8.0×3.5cm	
Weight(g)	280g	

Remark:

- (1) Wavelength range: the provisions of a standard operating wavelength is from λ_{\min} to λ_{\max} . The power meter designed in this kind of wavelength range can work in target.
- (2) Power Measurement range: can test the maximum optical power range according to the provisions of indicators.
- (3) Uncertainty: the error between the test results of certain optical-power and the test results of standard optical-power.

Configuration and accessories

1	Optical Power Meter	1
2	Operation Manual	1
3	9V Alkaline Battery	1
4	Product Warranty Cards	1
5	Certificate	1
6	Desiccant	1
7	Portable Bag	1
8	ST/SC converter (Optional)	2

Order information

SPM113	X
Test Range A: -70~+6dBm B: -50~+26dBm	
