

Power Meter M100



DESCRIPTION

CPM-100 series, Handheld Optical Power Meter is a newly designed fiber optic tester, which aims at the installation, engineering acceptance and maintenance of fiber network. Compared with other usual power meters, the CPM-100 series has more functions, like automatic wavelength identification, auto wavelength switching, intelligent backlight.

FEATURES

- Wave ID Auto wavelength identification & switching
- Frequency ID: Auto frequency identification
- 2 types of backlight modes, manual or outside light intensity, which indicated by LED light red or blue color.
- Intelligent backlight

SPECIFICATIONS

Model	M100A	M100B	M100C	M100D
Calibration Wavelength(nm)	800~1700			
Detector Size: InGaAs	Φ 0.3 mm		Φ 1.0mm	
Measurement Range(dBm)	-70+10	-50+26	-70+10	-50+26
Uncertainty (dB)	+0.2(5%)		±0.15dB (3.5%)	
linearity (dB)	0.01			
Display resolution(dB)	0.03			
Frequency ID Hz	270 330 1K 2K			
Wave ID nm	850,980,1300,1310,1490,1550,1625			
Connector	FC/SC/ST Interchangeable			
Alkaline battery	3AAA 1.5V or Li battery (9V)			
Power Adapter(V)	8.4			
Battery Operating time (h)	240 without backlight			
Operation Temperature(°C)	-10(°C) +60			
Storage Temperature(°C)	-25(°C)+70			
Dimension(mm)	172*82*33			
Weight(g)	310			

ORDERING INFORMATION

P/N	DESCRIPTION
CPM-1001	Optical Power Meter 70~+10dBm, ±0.2Db 5%
CPM-1002	Optical Power Meter 50~+26dBm, ±0.2dB 5%
CPM-1003	Optical Power Meter 70~+10dBm, ±0.15dB 3.5%
CPM-1004	Optical Power Meter 50~+26dBm, ±0.15dB 3.5%