

Optical Power Meter---SO-OPM001A

Description:

SO-OPM001A is a full-function optical power meter, it aims at fiber network installation, fiber network engineering acceptance and fiber network maintenance. Combined usage with SO-OLS002A optical light source, it offers a quick and accurate testing solution on both SM and MM fibers. Compared with usual power meters, the SO-OPM001A has more great functions/features of automatic wavelength identification and switching, as well as intelligent backlight control. Also this type has features of good appearance, good touch feeling and considerate humanization design.

Features:

- Wave ID—Automatic wavelength identification and switching (when used with SO-OLS002A handheld light source);
- Frequency ID/Tone detection---Automatic frequency identification;
- Data storage function, up to 1000 test records;
- USB communication port to download the saved testing records;
- Reference power level can be set up and stored;
- Auto-off function can be activated or deactivated;
- AA alkaline and AC adapter for power supply;
- Low battery indication.



Specifications:

Type	SO-OPM001A-L	SO-OPM001A-H
Calibrated (nm)	850,1300,1310,1490,1550,1625nm Others can be required on requests	
Detector type	InGaAs	
Measurement Range (dBm)	-70~+6	-50~+26
Detector Area	Ø 1.0mm	
Uncertainty (dB)	±0.15(3.5%)	
linearity (dB)	±0.02	
Display resolution(dB)	0.01	
Frequency ID(Hz)	270, 330, 1K, 2K	
Wave ID(nm)	1310, 1490, 1550, 1625, 850,1300	
Date storage capacity	1000	
Communication Port	USB	
Optical Connector type	FC,SC,ST interchangeable (LC can be required)	
Alkaline battery	3XAA, 1.5V	
Power Supply Adaptor(V)	8.4	
Battery Operating time (h)	200	
Operation Temperature(°C)	-10~+60	
Storage Temperature(°C)	-25~+70	
Outline size(mm)	200 X90 X50	
Weight(g)	285	