

Power Meter

The handheld Optical Power Meter is our newly designed fiber optic tester, aimed at fiber network installers, fiber network engineers and fiber network maintenance personnel. It is aesthetically designed. Combined with the OptiSmart handheld optical light source, it offers quick and accurate testing on both SM and MM fibers. The unit includes automatic wavelength identification & switching and intelligent backlight control.

Features

- * Wave ID—Automatic wavelength identification and switching (when used with a handheld light source)
- * Frequency ID/Tone detection---Automatic frequency identification
- * Intelligent backlight control (light intensity can be adjusted properly according to ambient light, which greatly reduces power consumption)
- * Data storage function, up to 1000 test results
- * USB communication port for downloading test results
- * Reference power level set up and storage
- * Self calibration function. Low battery indication
- * Auto-off function can be activated or deactivated.
- * AA alkaline and AC adapter for power supply



Model	OSPM700	OSPM800
Calibrated (nm)	850, 1300,1310,1490,1550,1625	
Detector type	InGaAs	
Measurement Range (dBm)	-70~+6	-50~+26
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	
Date storage capacity	1000	
Communication Port	USB	
Optical Connector type	FC,SC,ST interchangeable	
Alkaline battery	3*AA, 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) /weight	180*90*45(250g)	

MODEL 700 & 800 Optical Power Meter, 1.5V batteries, AC Adaptor, Manual, Swabs, Soft Case



Certificate No 10142
ISO 9001

Matrix Global Networks reserves the right to make changes to product specifications in the datasheet(s) at any time without notice, information in this document is correct at the time of printing.

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