

OPM-1x/2x Series Optical Power Meter



- ◆ Applicable on singlemode/multimode fibers
- ◆ Microprocessor & linear amplifier ensure long-time accuracy
- ◆ Quick response, no warm-up
- ◆ Interchangeable connectors: FC/SC/ST
- ◆ Dual-way power supply: 9V alkaline battery/AC adapter
- ◆ Pocketsize, lightweight and damp-dust-shock proof
- ◆ Power saving: Auto-off setting
- ◆ MOD tones detection
- ◆ Display Units: dB/dBm/mW
- ◆ PC software for data upload and reporting (OPM-2x only)
- ◆ CE, FCC Certificates



OPM-1x/2x series Optical Power Meter paired with ShinewayTech SLS series Stabilized Laser Source can meet general test requirements of fiber identification, attenuation/loss measurements, continuity verification and transmission quality evaluation on singlemode and multimode fibers in LAN/WAN/CATV infrastructure. OPM-1x/2x is ideal for both lab and field applications offering high quality, high stability and competitive low costs.

Specifications

Model	OPM-15		OPM-25		
	A	B	A	B	C
Calibrated Wavelength ⁽¹⁾	850,1300,1310,1490,1550nm		850,1300,1310,1490,1550,1625nm		
Power Range (dBm) ⁽²⁾	-70~+10	-50~+27	-70~+10	-50~+27	-55~+17
Application Range	Single/Multimode fibers				
Detector Type	InGaAs				
Accuracy	±0.25 dB (5%) @25°C & -10dBm (±0.5 dB@850nm)				
Resolution	0.01dB				
MOD Identification	270,1K,2K Hz				
Display Unit	W/mW/dBm/dB (REF)				
Connector ⁽³⁾	FC (Interchangeable SC, ST)				
Data Storage	N/A		3000 records		
Connectivity	N/A		RS-232		
Power Supply	9V Alkaline Battery(450mAh) / Optional 9V AC Adapter				
Battery Life	≥40hours				
Power Saving	Auto off after 5 minutes idle				

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Operating Temperature	0°C ~ 50°C (32 ~ 122 F)
Storage Temperature	-20°C ~ 70°C (-4 ~ 158 F)
Relative Humidity	0 ~ 95% (Non-condensing)
Weight	300g (0.66lbs)
Dimensions (H×W×T)	145×75×25mm (5.7×2.9×1inch)

- Note:** (1) Other wavelengths and power ranges are open for customization;
 (2) For Model A at 850nm, the lower limit of measurement range is -60 dBm;
 (3) OPM models with $\Phi 1000\mu\text{m}$ detector are available with:
 FC/SC/ST/DIN/E2000/LC/Universal 1.25mm/Universal 2.5mm connectors.

* Specifications subject to change without notice

Ordering Information

Standard Package:

Instrument, 9V Alkaline battery, Rubber boot, OPM data analysis software CD (for OPM-25), Warranty card, CE certificate, Certificate of calibration, User manual.

Optional Parts

Part Description	Part Number (P/N)	Part Description	Part Number (P/N)
3M Optical patch cord	AC-FJC-03-FC/FC	50M Optical patch cord	AC-FJC-50-FC/FC
SC connector for PM	AC-CONN-SC-P-300	AC adapter for US	AC-ADPT-10-US
ST connector for PM	AC-CONN-ST-P-300	Compact carrying softbag	AC-PB-10

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