

OPM-15/25 Series Optical Power Meter



OPM-15/25 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-15/25 is ideal for both lab and field applications offering high quality, high stability and competitive low costs.

Features

- ◆ 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/ μ W/W
- ◆ PC software for data upload and reporting (OPM-25 only)
- ◆ CE, FCC Certificates



Specifications

Model	OPM-15		OPM-25	
	A	B	A	B
Calibrated Wavelength ⁽¹⁾	850,1300,1310,1490,1550,1625nm			
Power Range (dBm) ⁽²⁾	-70~+10	-50~+27	-70~+10	-50~+27
Application Range	Single/Multimode fibers			
Detector Type	InGaAs			
Accuracy	For power range of -70 ~ +10dBm: $\pm 5\% \pm 0.01\text{nW} (\pm 0.5\text{dB} @ 850\text{nm})$ For power range of -50 ~ +27dBm: $\pm 5\% \pm 1\text{nW} (\pm 0.5\text{dB} @ 850\text{nm})$			
Resolution	0.01dB			
MOD Identification	270,1K,2K Hz			
Display Unit	W/mW/ μ W/dBm/dB (REF)			
Connector ⁽³⁾	FC (Interchangeable SC, ST)			
Data Storage	N/A		3200 records	
Connectivity	N/A		RS-232	
Power Supply	9V Alkaline Battery(450mAh) / Optional 9V AC Adapter			
Battery Life	≥ 40 hours			
Power Saving	Auto off after 5 minutes idle			
Operating Temperature	0°C ~ 50°C			
Storage Temperature	-20°C ~ 70°C			
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) The lower limit of measurement range of 850nm is -60dBm (Model A) / -40dBm (Model B);

(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