

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.

Model	OPM-15		OPM-25	
	A	B	A	B
Calibrated Wavelength(nm) ⁽¹⁾	850,1300,1310,1490,1550,1625		850,1300,1310,1490,1550,1625	
Power Range (dBm) ⁽²⁾	-70~+10	-50~+27	-70~+10	-50~+27
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⁾	SC (Interchangeable FC, 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			
Operating Temperature	0°C ~ 50°C (32 ~ 122 F)			
Storage Temperature	-20°C ~ 70°C (-4 ~ 158 F)			
Weight	300g (0.66lbs)			
Dimensions (H×W×T)	145×75×25mm (5.7×2.9×1 inch)			

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 Φ1000μm detector (OPMxxxL) are available with:

FC/SC/ST/DIN/E2000/LC/Universal 1.25mm/Universal 2.5mm connectors.

* Specifications subject to change without notice

SLS 21 series are pocketsize, lightweight, easy-to-use stabilized laser sources. They provide a very stabilized optical signal at multi-wavelength, together with any of ShinewayTech's Optical Power meters, they can be used to identify optical fiber, measure optical attenuation, verify continuity and evaluate fiber link transmission quality.

Model	SLS-21	
	A	B
Wavelength (±20nm)	1310/1550	850/1300
Display	LCD	
Output Mode	1Hz@650nm; CW,270Hz,1KHz,2KHz@others	
Emitter Type	FP-LD@650,850,1300,1310,1550nm; DFB-LD@1490,1625nm	
Connector Type	SC/UPC(interchangeable FC,ST)	
SpectrumWidth	≤ 5nm	
Output Power	≥ -3dBm@650nm; ≥ -10/-7dBm @ 850/1300nm; ≥ -10/-7/-3/0dBm@1310/1490/1550/1625nm	
Stability	±0.05dB/15min; ±0.10dB/8hr@ 1310/1490/1550/1625nm; ±0.15dB/8hr@ 850/1300 nm	
Range of Use	Multi/Single Mode Fiber	
Auto Shut Off	5 minutes after last key has been depressed	
General Specifications		
Power Supply	9V Alkaline battery(450mAh) / optional 9V AC adapter	
Battery Life	≥20hrs. typical operation with 9V Alkaline	
Operating Temp.	0°C~ 50°C	
Storage Temp.	-20°C~ 70°C	
Weight	0.66 lbs (300g)	
Dimension (H×W×T)	5.7×2.9×1 inch (145×75×25mm)	

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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
- PC software for data upload and reporting (OPM-2x only)



Features

- Pocketsize, easy to use
- Fast response, no warm up
- Damp, dust and shock proof design
- Modulation in CW and modulated frequencies
- Single/dual/triplex wavelength selectable
- Interchangeable fiber-optic adapters (choice of FC, SC or ST)
- High stabilized output of optical signal
- Dual-way powering system
- Auto off function conserving battery life

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