

# OPM-15/SLS-21 Entry-level Optical Loss Test Suite



OPM-15 series Optical Power Meter and SLS-21 series Stabilized Laser Source are designed to meet daily basic test requirements of fiber identification, attenuation and loss measurements, continuity verification and transmission quality evaluation, offering high quality, stability and competitive costs.

## Features

- ◆ Applicable on singlemode/multimode fibers
- ◆ 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



### OPM-15 Series Optical Power Meter

- ◆ MOD tones detection
- ◆ Display Units: dB/dBm/mW
- ◆ CE FCC certificates



### SLS-21 Series Stabilized Laser Source

- ◆ 1310/1550nm or 850/1300nm
- ◆ Unique Output Power Display
- ◆ CE FCC FDA certificates

## Specifications

Model	OPM-15		Model	SLS-21	
	A	B		A	B
CAL Wavelength	850,1300,1310,1490,1550,1625nm		Wavelength ( $\pm 20\text{nm}$ )	1310/1550	850/1300
Power Range (dBm)	-70 ~+10 <sup>(1)</sup>	-50 ~+27	Spectrum Width	$\leq 5\text{nm}$	
Accuracy	$\pm 5\% \pm 0.01\text{nW}$ ( $\pm 0.5\text{dB}@850\text{nm}$ )	$\pm 5\% \pm 1\text{nW}$ ( $\pm 0.5\text{dB}@850\text{nm}$ )	Output Power	$\geq -7\text{dBm}@850/1300\text{nm};$ $\geq 0/-7\text{dBm}@1310/1550\text{nm}$	
Resolution (dB)	0.01		Power Stability	$\pm 0.05\text{dB}/15\text{min}; \pm 0.15 \text{ dB}/8\text{hr}@850/1300\text{nm}$ $\pm 0.10 \text{ dB}/8\text{hr}@1310/1550\text{nm};$	
MOD Identification	270,1K,2K Hz		Output Mode	CW,270Hz,1KHz,2KHz	
Display Unit	W/mW/ $\mu\text{W}$ /dBm/dB(REF)		Output Power Display	Yes	
Detector Type	InGaAs		Emitter Type	FP-LD	
Connector	FC (Interchangeable SC, ST)		Connector	FC/PC (Interchangeable SC, ST)	

### General Specifications

Power Supply	9V Alkaline Battery (450mAh) / Optional AC Adapter
Battery Life (Typical)	OPM-15 $\geq 40$ hours / SLS-21 $\geq 20$ hours
Relative Humidity	0 ~ 95% (Non-condensing)
Weight	300g (0.66lbs)
Dimensions (H $\times$ W $\times$ T)	145 $\times$ 75 $\times$ 25mm (5.7 $\times$ 2.9 $\times$ 1inch)

**Note:** (1) For Model A at 850nm, the lower limit of measurement range is -60dBm.

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

