



# STABILIZED LIGHT SOURCE

## Rugged

Durable and compact

## Stable

Provides a stable light source

## Adaptable

Interfaces to all industry standard connectors

### FEATURES:

- Dual and triple lasers available
- Out of band testing at 1625nm and 1650nm
- 270Hz, 1kHz and 2kHz tone
- PC flat polish interface
- Each source is supplied with one SC/PC adapter for each bulkhead.

### SPECIFICATIONS

MODEL	SLS520	SLS525	SLS530	SLS535	SLS536
Center Wavelength	1310/1550nm	850/1300nm	1310/1490/1550nm	1310/1550/1625nm	1310/1550/1650nm
Fiber Type	Singlemode	Multimode (62.5/125)		Singlemode	
Emitter Type	FP	LED		FP	
Spectrum Width	≤ 5nm	≤ 71nm (850nm), ≤ 160nm (1300nm)		≤ 5nm	
Output Power (Max/Min)	≤ 0dBm/-1dBm	-20dBm/-21dBm		≤ 0dBm/-1dBm	
Modulation Frequency	270, 1kHz, 2kHz				
Display	LCD				
Battery Life	>20 Hours (Typical)				
Connector Type	SC/PC (Interchangeable LC, ST, FC)				
Power Supply	9V 1000mAh Lithium Battery / 9V AC adapter				
Operating Temp.	-10°C to 50°C				
Storage Temp.	-20°C to 70°C				
Relative Humidity	0 to 95% (non-condensing)				
Weight	0.71 lbs (300g)				
Dimension (H×W×T)	6.1 × 3.5 × 1.3" (155 × 89 × 33mm)				
IP Rating	IP54				
Vibration	5Hz to 150Hz, Amplitude = 0.15mm				
Shock	Peak acceleration 25g at a pulse duration of 6ms				
Compliance	CE, FCC, 21 CFR 1040.10 (Laser)				



Specifications subject to change without notice.

Each source is supplied with one soft carry case (CC-1), one Certificate of Conformance, and one SC/PC adapter for each bulkhead.





# Optical Power Meter

## Rugged

Durable and compact

## Precise

Measures optical powers down to -65dBm

## Adaptable

Interfaces to all industry standard connectors

### FEATURES:

- InGaAs detector for maximum sensitivity
- Filtered InGaAs for measuring high powered optical signals
- Singlemode and multimode measurements
- Calibrated wavelengths of 850nm, 1300nm, 1310nm, 1490nm, 1550nm and 1625nm
- 270Hz, 1kHz and 2kHz tone
- Each optical power meter is supplied with one SC/PC adapter.

### ORDERING INFORMATION:

CAT. NO.	DESCRIPTION
OPM510	InGaAs OPM +10 to -65dBm
OPM520	InGaAs OPM +27 to -50dBm
SLS520	1310/1550nm Dual Laser
SLS525	850/1300nm Dual LED
SLS530	1310/1490/1550nm Triple Laser
SLS535	1310/1550/1625nm Triple Laser
SLS536	1310/1550/1650nm Triple Laser

### ACCESSORIES ORDERING INFORMATION:

CAT. NO.	DESCRIPTION
LC-OPM	LC Adapter, OPM
SC-OPM	SC Adapter, OPM
SCAPC-OPM	SC/APC Adapter, OPM
ST-OPM	ST Adapter, OPM
FC-OPM	FC Adapter, OPM
LC-SOURCE	LC Adapter, SLS
SC-SOURCE	SC Adapter, SLS

CAT. NO.	DESCRIPTION
SM DUAL KIT	OPM510 & SLS520
SM DUAL KIT HP	OPM520 & SLS520
MM DUAL KIT	OPM510 & SLS525
SM T PON KIT	OPM510 & SLS530
SM T 1625 KIT	OPM510 & SLS535
SM T 1650 KIT	OPM510 & SLS536
SM T PON KIT HP	OPM520 & SLS530
SM T 1625 KIT HP	OPM520 & SLS535
SM T 1650 KIT HP	OPM520 & SLS536
SMMMKIT-T	OPM510, SLS520 & SLS525
SMMMKIT-M	OPM520, SLS520 & SLS525

\*All kits include one CC-2-3 carry case that is capable of holding up to three instruments.

CAT. NO.	DESCRIPTION
ST-SOURCE	ST Adapter, SLS
FC-SOURCE	FC Adapter, SLS
PS-100	Power Supply
CC-1	Carry Case, Single Instrument
CC-2-3	Carry Case, Dual or Triple Instrument
CAL CERT	Calibration Certificate



### SPECIFICATIONS:

MODEL	OPM510	OPM520
Cal. Wavelength	850, 1300, 1310, 1490, 1550, 1625nm	
Measure range	-65 - +10 <sup>0</sup> dBm	-50 - +27 dBm
Detector type	InGaAs	
Accuracy	±0.25dB (Typical) ±0.5dB @850nm (Typical) (Under non-saturating power levels)	
Display Resolution	0.01dB	
Functions	µW/dBm/dB(REF)/ MOD tone detection 270Hz, 1kHz, 2kHz	
Connector Type	SC (Interchangeable LC, ST, FC)	
Fiber Type	Singlemode & Multimode	
Battery Life	>70 Hours (Typical)	
Power Supply	9V 1000mAh Lithium Battery/ 9V AC adapter	
Operating Temperature	-10°C - 50°C	
Storage Temperature	-20°C - 70°C	
Relative Humidity	0 to 95% (Non-Condensing)	
Weight	0.68lbs (300g)	
Dimensions (H x W x T)	6.1 x 3.5 x 1.3" (155 x 88 x 33mm)	
IP Rating	IP54	
Vibration	5Hz to 150Hz, Amplitude+0.15mm	
Shock	Peak acceleration 25g at a pulse duration of 6ms	
Compliance	CE, FCC	

Note: (1) The lower limit of 850nm measurement is -60 dBm for OPM510. Specifications subject to change without notice. Each optical power meter is supplied with one soft carry case (CC-1), one Certificate of Conformance, and one SC/PC adapter.

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