



# 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
- 270Hz, 1kHz and 2kHz tone
- Out of band testing at 1625nm and 1650nm
- 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),<br>≤ 160nm (1300nm) |                  | ≤ 5nm                          |                  |
| Output Power (Max/Min) | ≤ 0dBm/-1dBm  | -20dBm/-21dBm                       |                  | ≤ 0dBm/-1dBm                   |                  |
| Output Power Stability | ±0.05 dB/15min;<br>±0.10dB/8hr                        | ±0.05 dB/15min<br>±0.15dB/8hr       |                  | ±0.05 dB/15min;<br>±0.10dB/8hr |                  |
| Modulation Frequency   | 270, 1kHz, 2kHz                                       |                                     |                  |                                |                  |
| Display                | LCD   |                                     |                  |                                |                  |
| Battery Life           | 60 Hours  |                                     |                  |                                |                  |
| Connector Type         | SC/PC (Interchangeable LC ,ST, FC)                    |                                     |                  |                                |                  |
| Power Supply           | 9V Alkaline or 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 (HxWxT)      | 6.1 x 3.5 x 1.3" (155 x 89 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, 21 CFR 1040.10 (Laser)                       |                                     |                  |                                |                  |

Specifications subject to change without notice.  
Each source is supplied with 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 |

| 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.

### ACCESSORIES ORDERING INFORMATION:

| CAT. NO.  | DESCRIPTION     |
|-----------|-----------------|
| LC-OPM    | LC Adapter      |
| SC-OPM    | SC 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                           |
|-----------|---------------------------------------|
| 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 |



### 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               | ±0.22 dB<br>(±0.5dB@850nm)   | ±0.22 dB<br>(±0.5dB@850nm)                     |
| Linearity              | +/-0.5dB (+10 to -3dBm)<br>+/-0.1dB (-3 to -50dBm)<br>+/-0.5dB (-50 to -65dBm) | +/-0.5dB +27 to -3dBm<br>+/-0.1dB -3 to -50dBm |
| Resolution             | 0.01dB   |  |
| Functions              | W/mW/μW/dBm/dB(REF)/<br>270Hz, 1kHz, 2kHz                                      |  |
| Connector Type         | SC (Interchangeable LC, ST, FC)  |  |
| Fiber Type             | Singlemode & Multimode   |  |
| Battery Life           | > 100 Hours  |  |
| Power Supply           | 9V Alkaline or 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 SC/PC adapter.

