

# 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

### SPECIFICATIONS

| MODEL                  | SLS520                                                | SLS525                        | SLS530                         | SLS535         | SLS536         |
|------------------------|-------------------------------------------------------|-------------------------------|--------------------------------|----------------|----------------|
| Wavelength (±20nm)     | 1310/1550                                             | 850/1300                      | 1310/1490/1550                 | 1310/1550/1625 | 1310/1550/1650 |
| Range of Use           | Singlemode                                            | Multimode (62.5/125)          | Singlemode                     |                |                |
| Emitter Type           | FP                                                    | LED                           | FP                             |                |                |
| Spectrum Width         | ≤ 5nm                                                 | +/- 40nm                      | ≤ 5nm                          |                |                |
| Output Power           | ≥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 |                |                |
| MOD 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 (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.



**FIBER TOOLS**

FAST | ACCURATE | RELIABLE

# 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

### ORDERING INFORMATION:

| CAT. NO. | DESCRIPTION                   |
|----------|-------------------------------|
| OPM510   | InGaAs OPM +10 to -65dBm      |
| OPM520   | InGaAs OPM +27 to -50dBm      |
| SL5520   | 1310/1550nm Dual Laser        |
| SL5525   | 850/1300nm Dual LED           |
| SL5530   | 1310/1490/1550nm Triple Laser |
| SL5535   | 1310/1550/1625nm Triple Laser |
| SL5536   | 1310/1550/1650nm Triple Laser |

| CAT. NO.         | DESCRIPTION             |
|------------------|-------------------------|
| SM DUAL KIT      | OPM510 & SL5520         |
| SM DUAL KIT HP   | OPM520 & SL5520         |
| MM DUAL KIT      | OPM510 & SL5525         |
| SM T PON KIT     | OPM510 & SL5530         |
| SM T 1625 KIT    | OPM510 & SL5535         |
| SM T 1650 KIT    | OPM510 & SL5536         |
| SM T PON KIT HP  | OPM520 & SL5530         |
| SM T 1625 KIT HP | OPM520 & SL5535         |
| SM T 1650 KIT HP | OPM520 & SL5536         |
| SMMMKit-T        | OPM510, SL5520 & SL5525 |
| SMMMKit-M        | OPM520, SL5520 & SL5525 |

\*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, Two or Three Instruments |



### SPECIFICATIONS:

| MODEL                  | OPM510                                                                         | OPM520                                         |
|------------------------|--------------------------------------------------------------------------------|------------------------------------------------|
| Cal. Wavelength (nm)   | 850, 1300, 1310, 1490, 1550, 1625                                              |                                                |
| Measure range (dBm)    | -65 ~ +10 <sup>(1)</sup>                                                       | -50 ~ +27                                      |
| Detector type          | InGaAs                                                                         |                                                |
| Accuracy (dB)          | ±5% ±0.01nW<br>(±0.5dB@850nm)                                                  | ±5% ±1nW<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 (dB)        | 0.01dB                                                                         |                                                |
| Functions              | W/mW/μW/dBm/dB(REF)/<br>MOD TONE DETECT 270Hz, 1kHz, 2kHz                      |                                                |
| Connector Type         | SC/PC (Interchangeable LC, ST, SC)                                             |                                                |
| 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.

1390 Aspen Way Vista, CA • 92081 TC-OPMSLS 06/20

Latin America Phone : 1.760.510.0558

EMEA Phone: +44 (0) 1633 927 050

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