FIBER TOOLS

FAST | ACCURATE | RELIABLE

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		
Output Power Stability	±0.05 dB/15min; ±0.10dB/8hr	±0.05 dB/15min ±0.15dB/8hr	±0.05 dB/15min; ±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 (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.

Follow us on Social Media
@TempoComms

TEMPO COMMUNICATIONS

TempoCom.com | tel 800.642.2155

FIBERTOOLS

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
- 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, 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
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(1) dBm	-50 ~ +27 dBm
Detector type	InGaAs	
Accuracy	±0.25 dB (±0.5dB@850nm)	
Linearity	+/-0.5dB (+10 to -3dBm) +/-0.1dB (-3 to -50dBm) +/-0.5dB (-50 to -65dBm)	+/-0.5dB +27 to -3dBm +/-0.1dB -3 to -50dBm
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	> 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 × W × T)	6.1 × 3.5 × 1.3" (155 × 88 × 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.

1390 Aspen Way Vista, CA • 92081
Latin America Phone : 1.760.510.0558
EMEA Phone: +44 (0) 1633 927 050
©2021 Tempo Inc. • An ISO 9001 Company
TC-OPMSLS 02/22

Follow us on Social Media
@TempoComms

TEMPO COMMUNICATIONS
TempoCom.com | tel 800.642.2155