



## shinewaytech OPM-50A Optical Power Meter



link to the product: <https://intersell.pl/gb/960-shinewaytech-opm-50a-optical-power-meter.html>

Manufacturer: ShinewayTech

Referention number: OPM-50A

### Full product description

**The OPM-50** and SLS-50, which are equipped with a backlit display, provide automatic identification of the wavelength and allow the setting of remote reference values. The devices are also ideal for performing optical loss and loss measurements. They also allow for the verification of continuity and assessment of the fiber optic connection in each tested environment.

### We offer a two-year warranty on this product

#### Features:

- Automatic wavelength identification,
- Remote reference value settings,
- Suitable for FTTx,
- Internal clock and editable S / N fibers,
- Internal memory can store 1000 results,
- Quick start,
- It does not overheat
- Data transfer to PC via USB,
- Battery charging via USB,
- Pocket size, light weight, simple operation,
- Backlight,
- 70 hours of continuous work,
- CE, FCC certificates.

### Automatic wavelength identification

Compatible with digital encryption protocols, the SLS-50 sends an encrypted signal to the OPM-50, which automatically identifies the wavelength and switches to the appropriate measurement mode (this reduces the load on both ends and avoids potential error).

**Remote reference settings**

The SLS-50 sends its encrypted signal parameters to the OPM-50 for accurate loss measurement even when the two devices are far apart.

**Internal clock and editable S / N fibers**

The internal clock allows the OPM-50 to save test data with the correct time and edit the fiber S / N information.

**Compatible with FTTx test**

OPM-50 can be used to measure Triple-play signals (1310nm, 1490nm and 1550nm) or passive optical networks (PON)

SPECIFICATION	
Technical parameters	
Model	OPM-50A
Calibrated wavelength [nm] (1)	850, 1300, 1310, 1490, 1550, 1625
Power range [dBm] (2)	-70 to +10 (-60 to +10 @ 850nm)
Application	SM / MM fibers
Detector type	InGaAs
Accuracy	± 5% ± 0.01nW (± 0.5dB@850)
Resolution [dB]	0.01
Identification of the MOD [Hz]	270, 1000, 2000
Displayed unit	W / mW / μW / nW / dB / dBm (REF)
Connector	FC (interchangeable with SC, ST)
Automatic wavelength identification	YES (with SLS-50)
General parameters	
Dimensions (width x length x height) [mm]	80 x 44 x 177 (3.15 x 6.97 x 1.73 inch)
Weight [g]	315 (0.69 lbs)
Power	Lithium battery AC adapter
Battery operation time [h]	70 70 (continuous operation)
Communication	USB
Energy saving	Automatic shutdown after 5 minutes of inactivity
Memory	1000 results

Working conditions	Ambient temperature: 0 to 50 [° C] Relative humidity: 0 to 95 [%] (no condensation)
The storage conditions	Ambient temperature: -20 to 70 [° C] Relative humidity: 0 to 95 [%] (no condensation)

Comments:

1. Other wavelengths and power ranges are open for adjustment.
2. For the 850nm model A, the lower limit of the measured range is -60dBm (model A) / -40dBm (model B).

## Order

### Standard equipment

- Equipment,
- Lithium battery,
- AC adapter,
- USB cable,
- PC OPM Data Analysis software,
- Case,
- Warranty Card,
- CE certificate,
- Calibration certificate,
- User manual.

