



## Optical power meter 850, 1300, 1310, 1490, 1550, 1625nm, -70 to +3dBm



link to the product:

<https://intersell.pl/gb/1036-optical-power-meter-850-1300-1310-1490-1550-1625nm-70-to-3dbm-5907813980213.html>

Manufacturer: InterOpto

Referention number: IO-OPM-TC55A

### Information:

-70 to +3 [dBm], FC/PC, power supply - 3x AA battery, measuring windows: 850, 1300, 1310, 1490, 1550, 1625 [nm], USB port.

### Full product description

**The OPM-55** is a fully functional optical power meter. Combined with an optical light source, the meter offers fast and accurate testing solutions for both singlemode and multimode fibers. Compared to an ordinary power meter, the OPM-55 has better properties, incl. automatic identification and wavelength switching, and intelligent backlight control. The design of the device makes it extremely handy and thus improves the comfort of use.

The device can be widely used in the installation and maintenance of optical fiber networks.

### Features of the device:

- Wave ID: automatic identification and wavelength switching (combined with a handy light source),
- Frequency ID / Tone Detection: automatic frequency identification,
- Data storage function: up to 1000 results,
- USB communication port for downloading saved results,
- Ability to set and save the reference power level,
- Automatic shutdown function (can be activated or deactivated),
- Low battery indicator.

### Non-slip construction



**Power - 3x AA battery**



**Connectors**



## SPECIFICATION

Technical parameters	
Model	OPM-55A
Calibrated wavelength [nm]	850, 1300, 1310, 1490, 1550, 1625
Measurement range [dBm]	-70 to +3
Detector type	InGaAs
Detector area [mm]	Ø 0.3
Inaccuracy [dB]	± 0.15 (3.5%)
Linearity [dB]	± 0.02
Display resolution [dB]	0.01
Frequency ID [Hz]	270, 1k, 2k
Wave ID (wave ID) [nm]	850, 1300, 1310, 1490, 1550, 1625
Optical connector	FC / SC / ST (FC-LC converter is optional)
Memory	1000 results
General parameters	
Dimensions [mm]	200 x 90 x 50
Weight [g]	285
Power	Alkaline battery (3x AA 1.5V)
Battery life [h]	200
Communication	USB
Working conditions	Ambient temperature: -10 to 60 [°C] Relative humidity: 0 to 95 [%] (no condensation)

The storage conditions	Ambient temperature: -25 to 70 [° C] Relative humidity: 0 to 95 [%] (no condensation)
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