



OZ Optics

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MINI OPTICAL POWER METER

Features

- Very small size
- Low cost
- Interchangeable optical receptacles available
- Powered by replaceable batteries
- Auto-off
- CE compliant

Applications

- Fiber optic assembling and testing
- Network installation
- Component and system troubleshooting
- Education
- General optical power measurement

Product Description

The OZ Optics POM-400 is a pocket-sized optical power meter covering a range of popular wavelengths. The ultra-compact size and user-friendly keypad makes it well suited to many user applications. Low power consumption allows extended operation in the field.

The POM-400 can accommodate a number of standard, interchangeable screw-in receptacles. The dynamic range exceeds 63 dB. Power levels from +3 dBm to as low as -60 dBm can be easily measured, with the values displayed in watts or dBm. The user may select any of three pre-set calibrated wavelengths.



POM-400 Optical Power Meter

Ordering Information for Standard Parts:

Bar Code	Part Number	Description
22519	POM-400-IR	Optical Power Meter calibrated at infrared wavelengths 1310/1490/1550 nm, -60 to +3dBm measurement range. Measurement units are in watts and dBm. Universal adaptor for FC/SC/ST connectors. FC/PC receptacle is included. Battery operated.

Standard Product Specifications:

Measurement range	-60 to +3 dBm	
Calibrated wavelengths	1550, 1490, 1310	
Detector type	InGaAs	
Display resolution	0.01 dB	
Accuracy (@ 23°C)	± 5%	
Measurement units	Watts, dBm	
Available optical receptacles	Universal receptacle for FC/SC/ST. FC receptacle also included.	
Dimensions (L x W x H)	90 x 55 x 16 mm	
Weight	90 g with battery	
Power supply	3 AAA 1.5 volt batteries	
Battery operating lifetime	360 hours	
Temperature range:	Operating Storage	-10 to +60 °C -25 to +70 °C

Frequently Asked Questions (FAQs)

Q: Can I measure optical power in a fiber that has an SC connector?

A: The basic unit has a universal receptacle that can be used with FC, SC, and ST connectors. However, as with all universal receptacles, there is no latch to secure the connector. Nonetheless, accurate and repeatable measurements can be made quickly and easily.