
Digital Photometer

Optical Power Meter

Features

- **Calibrated at 632nm**
- **Four ranges (20uW – 20mW)**
- **3 ½ digit LCD display**
- **Battery powered for portability**
- **Adjustable height detector with metal stand**



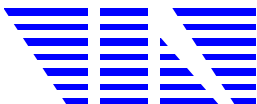
The Optical Power Meter is a versatile, and economical tool for measuring power levels of laser beams, demodulating optical signals for audio applications, and solar experiments. Typical experiments that may be conducted using the photometer include;

- Characterizing the polarization of light
- Monitoring solar energy
- Optical filter transmission measurement
- Demodulating a laser beam
- Measuring attenuation in fiber optic cables

The unit comes complete with storage box, metal optical stand, instruction manual, and batteries.

SPECIFICATIONS

Wavelength	632.8nm
Wavelength Sensitivity*	450nm – 950nm
Max Optical Input	100mW
Display Power Ranges (four)	19.99uW, 199.9uW, 1.999mW, 19.99mW
Accuracy	+/- 10% for each range
Sensor Active Area	1cm sq. (silicon)
Head Dimensions	26mm dia. x 38mm L
Size	16 x 9.5 x 6.5cm
Power Requirements	Two, 9V batteries (included)
Operating Temperature	10C – 30C
* sensitivity varies across the entire band	



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