



LP1

Optical/Laser Power Meters / Laser power meter



Basic Features

- Wide optical power measurement range
- Silicon photodiode
- Sensor can be all neatly contained and protected within the folding case.
- Max / Min hold
- Auto power save (30min.)
- 500mm sensor cord

Wavelength customization

The standard LP1 is calibrated at 633 nm but can also read any other wavelength in the 400~1100 nm range using a chart inside the case cover.

We can calibrate directly to any other 400~1100 nm wavelength for special orders, with a 4 month lead time, so please contact our authorized agent if necessary.

Pocket size meter but with high accuracy and wide ranges.

Sensor / Probes can be all neatly contained and protected within the folding case. Easy to carry in a shirt pocket.

Specifications



LP1	
Optical sensor	Si photodiode (φ9mm)
Wavelength range	400nm~1100nm
Wavelength	633nm (He-Ne laser) reference wavelength Convert by a table of spectral sensitivity characteristic (representing value)
Display	Numeric:3999 full scale, Bargraph : 42-segment
Sampling rate	Approx. 2 times/sec. for numeral display. Approx. 20 times/sec. for bargraph.
Measuring range	40.00u/400.0u/4.000m/40.00mW
Accuracy	±5% (1mW : 4mW range, 633nm) 23°C±2°C
Battery	LR44×2
Power consumption	Approx. 6mW
Operating temperature	0°C~40°C max. 80% RH no condensation
Storage temperature	-10°C~50°C max. 80% RH no condensation
Size / Mass	H117×W76×D18mm/approx. 120g Sensor probe : H84×W16×D10mm
Standard accessories included	Instruction manual