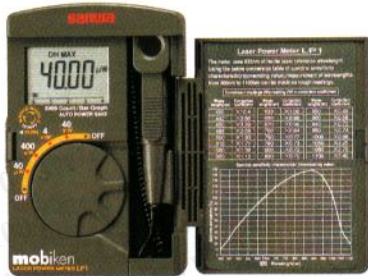


Laser Power Meter (Pocket Size)



mobiken Series

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.



LP1

Optical power up to max. 40mW measurable
Direct reading wavelength customization

- 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.



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	LR44X2
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 / weight	H117XW76XD18mm/approx. 120g Sensor probe : H84XW16XD10mm
Standard accessories included	Instruction manual

Laser Power Meter (Digital Type)



OPM35S

For space light measurement

- Silicon photodiode
- Measurable up to 50.00mW
- Relative value
- Max hold, data averaging (20-data sequential averaging)
- Direct reading wavelength (488, 633, 670, 780, 830nm)
- RS-232C interface

Optional accessories

RS232C cable : KB-RS-OPM



Display	4-digit digital
Ranges	Automatic, 5 ranges
Optical sensor	Si photodiode (sensor surface area 10x10mm)
Optical power measuring range	0.001μW~50.00mW
Optical input type	Direct to photodiode
Reference wavelengths	488nm, 633nm, 670nm, 780nm, 830nm
Accuracy	±5% (@ reference wavelength of 100μW)
Resolution	W/REL mode : 0.01%
Measuring cycle	3.33 times/sec.
Battery	006P type Alkaline battery or AC adapter (AD-30-2)
Size / Weight	H164XW85XD35mm/300g Sensor head : H126XW15XD4mm/40g
Standard accessories included	Optical sensor, AC adapter (AD-30-2), Instruction manual

Accuracy : 18°C~25°C max. 80% RH no condensation



OPM36M

For DVD-RAM, CD, MD laser power measurement

- Silicon photodiode
- Stick type sensor for DVD-RAM, CD, and MD is included as a standard accessory.
- Measurable up to 50.00mW
- Relative value
- Max hold, data averaging (20-data sequential averaging)
- Direct reading wavelength (633nm for DVD, 780nm for CD&MD)
- RS-232C interface

Optional accessories

RS232C cable : KB-RS-OPM

Display	4-digit digital
Ranges	Automatic, 5 ranges
Optical sensor	Si photodiode (sensor surface area 10x10mm)
Optical power measuring range	0.001μW~50.00mW
Optical input type	Direct to photodiode
Reference wavelengths	Wavelengths used by DVD (633~650nm), CD (780nm), MD (780nm)
Accuracy	±5% (@ reference wavelength of 100μW)
Resolution	W/REL mode : 0.01%
Measuring cycle	6.66 times/sec.
Battery	006P type Alkaline battery or AC adapter (AD-30-2)
Size / Weight	H164XW85XD35mm/300g CD sensor : H126XW15XD4mm/40g MD sensor : H68XW72XD6mm/30g DVD-RAM sensor : H123XW138XD8mm/80g
Standard accessories included	DVD-RAM sensor, MD sensor CD/DVD-ROM sensor (stick type), AC adapter (AD-30-2), Instruction manual

Accuracy : 18°C~25°C max. 80% RH no condensation

Laser Power Meter (Analog Type)



OPM-570L (with case)

For semiconductor laser

- Wavelength 650~680nm visible semiconductor laser
- Wavelength 760~830nm infrared semiconductor laser
- No power source / battery necessary.
- 4mm thick sensor head

Indicator	Taut-band Meter
Measurable wavelengths	760~830nm/650~680nm (2 ranges)
Optical power measuring range	0.01~10mW
Ranges	0.3/1/3/10mW (4 ranges)
Accuracy	±5% of full scale (@ reference wavelength)
Photosensor	Si photodiode
Size / Weight	H163XW100XD46mm/250g Sensor head:H126XW15XD4mm/40g
Standard accessories included	Carrying case (C-01), Instruction manual