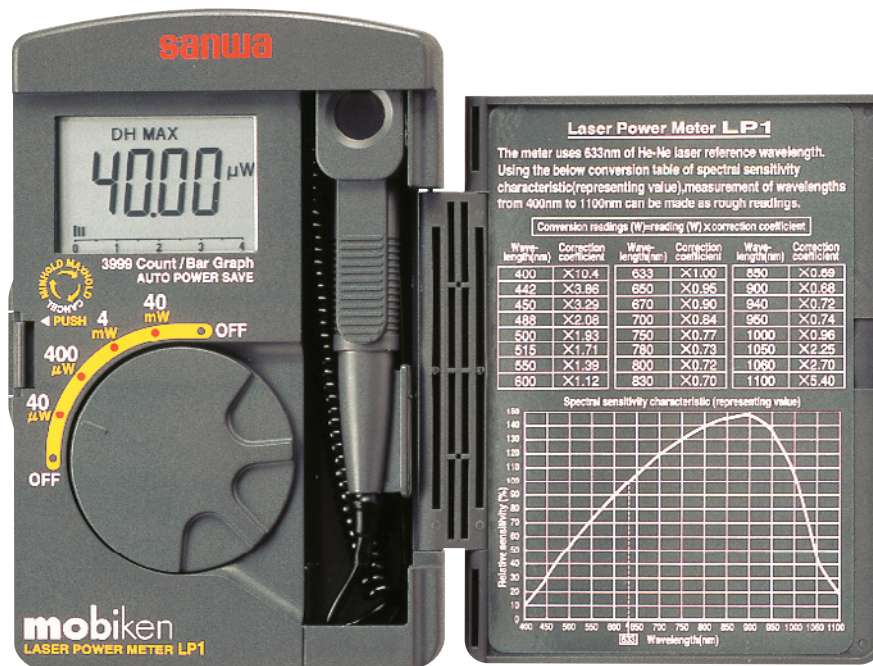


sanwa®

TOKYO JAPAN

LASER POWER METER

LP1



APPLICATIONS AND FEATURES

This instrument is a pocket-sized laser power meter featuring excellent portability and operability. This is used in checking and maintenance of the optical power levels of equipments using laser light. 633nm He-Ne laser and red semiconductor laser(e.g. Used for DVD player, bar-code reader, and etc.). 532nm Green laser, 488nm Argon ion laser, 405nm Purple-blue laser.

- Small stick shape sensor probe(sensor diameter is $\Phi 9\text{mm}$)
- 3999 count with analog bar graph
- Silicon photodiode
- Measuring range $0.1\mu\text{W} \sim 39.99\text{mW}$
- Max/Min hold
- Auto power save(30min.)
- Cord length 500mm

A battery for monitoring has been installed prior to shipment from the factory. It may be discharged before the expiration of the described battery life. This battery is used to check the functions and performance of the product. Specifications and external appearance of the product described above may be revised for modification without prior notice.

SPECIFICATIONS

Measuring range	40.00 μ / 400.0 μ / 4.000m / 40.00mW
Wavelength range	400nm to 1100nm
Wavelength	633nm(He-Ne laser) reference wavelength convert by a table of spectral sensitivity characteristic(respresenting value)
Optical sensor	Si photodiode($\Phi 9\text{mm}$)
Display	Numeric : 3999 full scale, Bargraph : 42 segment
Over display	The character 4 appears in the highest digit
Battery low warning	The character BT appears in the display when the built-in battery is nearly exhausted and battery supply voltage drops
Sampling rate	Approx. 2 times/sec. for numeral display Approx. 20 times/sec. for bar graph.
Operating temperature / humidity	0°C~40°C, 80%RH(Max) No condensation
Storage temperature / humidity	-10°C~50°C, 80%RH(Max) No condensation
Environmental condition	Altitude 2000m or below, pollution degree II
Power consumption	Approx. 6mW
Safety standards	IEC61326-1
Battery	LR44 x 2
Size / Mass	Main body : H117 x W76 x D18mm/approx. 120g Sensor probe : H 84 x W16 x D10mm
Standard accessories included	Instruction manual

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