



LaserCheck



TECHNICAL DATA

Handheld Laser Power Meter

Features

- Auto-ranging with peak sample-and-hold
- Power measurement from 0.5 μW to 1 W
- $\pm 5\%$ calibrated accuracy from 400 to 1064 nm

LaserCheck is a handheld, inexpensive laser power meter specifically designed to provide power measurements in a small, lightweight, self-contained package that can easily be stored in a pocket or tool kit. At higher powers the silicon sensor is protected from saturation with a built-in optical attenuator, and all measurements are displayed on a 3-digit LCD screen.

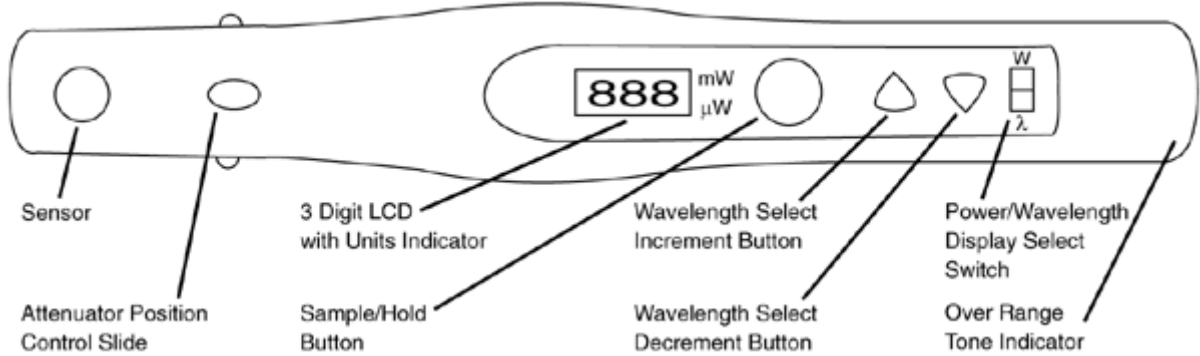
LaserCheck is microprocessor-controlled with wavelength correction, auto-ranging (μW or mW displayed), optical attenuator, power overload warning and automatic shutoff.

LaserCheck will be supplied with battery, instructions, storage case and certificate of calibration.

Specifications	
Sensor Type	Silicon Cell
Built-in Attenuator	1 mm thick NG-10
Aperture Size	8 mm
Wavelength Range	400 to 1064 nm
Accuracy	$\pm 5\%$
Max. CW Power	10 mW 1 W (with built-in attenuator)
Min. CW Power	0.5 μW
Min. Power Resolution	0.01 μW
Displayed Power Ranges	9.99 μW to 999 mW
Max. Power Density	0.5 W/cm^2 30 W/cm^2 (with built-in attenuator)
Measurement Display	3-digit LCD with power unit indicator
Display Power Indicators	μW , mW
Display Hold Time	10 sec.
Battery Life	1000 hr. 180000 measurements (at 20 sec./sample)
Overload Indication	"---" display and beep tone
Regulations Met	CE
Size	168 x 24 x 20 mm
Weight	44 g

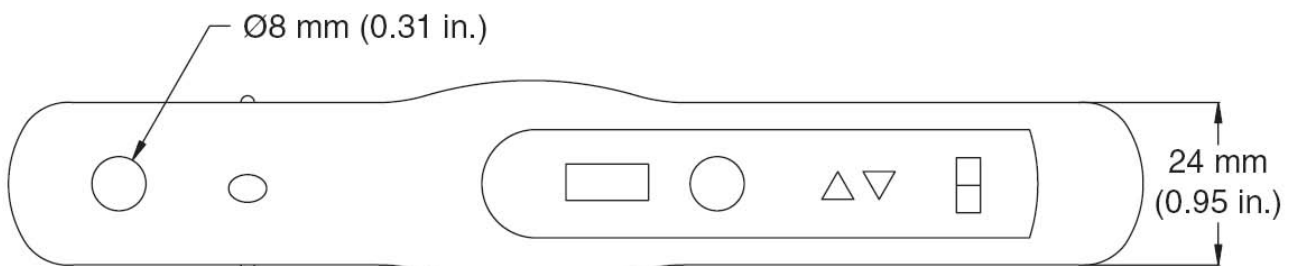
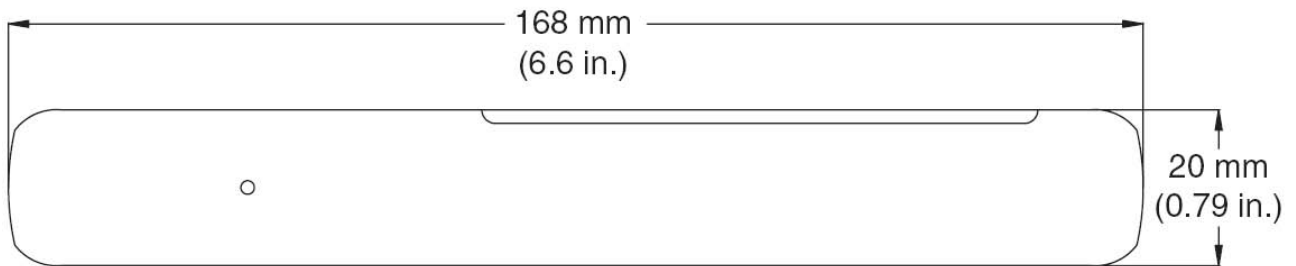


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Mechanical Specifications

Side View



Front View