



Model 100 Data Sheet

Intensity Meter Features

The Model 100 is designed to accurately and repeatedly measure MW/CM² using NIST standards. The measurement scale is either 1999.9 MW/CM² or 199.99 MW/CM² and must be specified when placing an order.

Ideal for use in UV Curing, Medical, Sterilization, Adhesive materials, and various other applications.

Probe wavelengths available are:

- Near UV: 365nm, 400nm, 420nm, 436nm
- Mid UV: 300nm
- Deep UV: 220nm, 254nm, 260nm, 280nm
- Custom wavelengths are also available

Probe are calibrated independently from the unit; therefore, probes having the same or different wavelengths are interchangeable.

Light Meter Specifications

Range:

- .01 MW/CM² to 199.9 MW/CM²
- 0.1 MW/CM² to 1999.9 MW/CM²

Calibration:

- NIST traceable: $\leq 3\%$
- Each range scale linear to $< 1\%$
- Probe are $\pm 1\%$ at same wavelength
- Calibration certificate included

Power:

- Switch function: Power-on
- 9 Volt Battery
- Meets IEL, UL, CSA requirements
- Display 4.5 LCD digits with low battery

Meter Dimensions:

- 6 in. x 2.75 in. x 1.13 in.
- 15.3 cm x 7 cm x 2,9 cm
- Aluminum Case

Sensor Spectral Ranges

