



# 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:

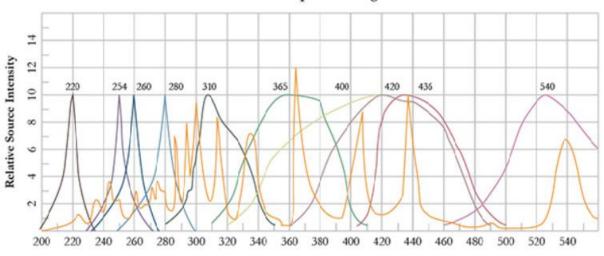
- NIST traceable:  $\leq 3\%$
- Each range scale linear to < 1%</li>
- Probe are <u>+</u> 1% at same wavelength
- Calibration certificate included

### 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

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