

## Accurately measure UVA, B or C

- Measure damaging UV (ultraviolet) light in the environment and museums.
- UV degradation studies in the pharmaceutical, cosmetic, semiconductor, printing, window tinting, and other industries.
- Laboratory chromatography, electrophoresis and forensics.
- Test UV sterilization and dermatology lamps in hospitals.

UV light intensity appears on the large backlit display in either  $\mu\text{W}$  or  $\text{mW}/\text{cm}^2$  while the small lower display simultaneously shows minimum, maximum, average and recorded data. Up to 20 data points can be recorded automatically at a variety of intervals. Feature zero point reset, hold, and indicates when the battery is low. Comes in a protective, hard, foam-lined carrying case, complete with a UV probe, tripod screw, magnetic mount and a 9V battery. Model 850010 measures short wave UV-C light for applications such as UV light fume hoods, UV sterilization, industrial glass and non-destructive testing. Model 850009 measures long and medium wave UV-A/B for applications such as forensics, chromatography, electrophoresis and dermatology. N.I.S.T. Traceable Certificate of Calibration available on both 850009 & 850010.

DIM:  $5\frac{1}{2}" \times 2" \times 1\frac{1}{2}"$  (140 × 51 × 38 mm). WEIGHT (WITH PROBE): 8.7 oz (247 g).



No.	Description
850009	UV Light Meter UVA/B
850009C	UV Light Meter UVA/B Certified
850010	UV Light Meter UVC
850010C	UV Light Meter UVC Certified
840090	Water Resistant Instrument Pouch
840093	Field Tripod

	850009	850010
Wavelength	280 to 400 nm	220 to 275 nm
Calibration Point	365 nm	254 nm
UV Range	1 $\mu\text{W}/\text{cm}^2$ to 40 $\text{mW}/\text{cm}^2$	
Resolution	1 $\mu\text{W}$ and 0.01 $\text{mW}/\text{cm}^2$	
Accuracy	$\pm 4\%$ $\pm 1$ digit (@23 $\pm 5^\circ\text{C}$ )	

