



## UV LIGHT METERS 850009 and 850010

- 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. Features 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. Weight: 4.4 oz (135 g). Dim: 6" x 2" x 1½" (145 x 55 x 40 mm).

Model	Wavelength	Calibration point	UV Range	Resolution	Accuracy
850009	280 ~ 400 nm	365 nm	1 $\mu\text{W}/\text{cm}^2$ ~ 40.00 $\text{mW}/\text{cm}^2$	1 $\mu\text{W}$ and 0.01 $\text{mW}/\text{cm}^2$	$\pm 4\% \pm 1$ digit (@23 $\pm 5^\circ\text{C}$ )
850010	220 ~ 275 nm	254 nm			



With NIST traceable certificate of calibration 850009C and 850010C

**OPTIONAL ACCESSORIES**

- 840090 Water Resistant Instrument Pouch
- 840092 Bench-Top tripod
- 840093 Field Tripod

