

The SI242 UV Light Meter is a precision instrument designed for measuring ultraviolet (UV) radiation intensity in a wide range of applications. It is ideal for industrial safety checks, UV sterilization monitoring, material testing, and laboratory research. With its dedicated UV sensor and accurate digital display, the device ensures reliable performance for both UVA and broad-spectrum UV light assessments.

Its detachable sensor design allows flexible positioning, while its data hold, max/min capture, and auto power-off features provide added convenience for field and laboratory use.



FEATURES

- Wide Measuring Range: Up to 40.00 mW/cm<sup>2</sup>
- Removable Probe For Easy Access To The Source
- Large LCD Display: Clear and easy-to-read 4-digit display
- Max / Min / Data Hold Functions
- Auto Power Off Function
- Measure UV Light In The Environment Monitoring And Process Control

TECHNICAL SPECIFICATION

Measuring range	Low Range: 1 to 3999 uw/cm2 High Range: 0.01 to 39.99 mw/cm2
Sensitivity Wavelength Region	260nm~395nm
Wavelength for Calibration	365nm
Accuracy	±3%rdg, ±5dgts
Response Time	0.5 sec
Light Detector	UV Photodiode
Temperature characteristics	± 0.1% / °C (away from 25°C)
Battery	1.5V AA battery x 2
Operating environment	Temperature: 0~40°C, Humidity: 10~80%RH
Dimension	169 x 63 x 37 mm
Weight	210 g
Warranty	12 months