

UVC LIGHT METER

Model : UVC-254

ISO-9001, CE, IEC1010



FEATURES

- * Short wave 254 nm ultra-violet irradiance measurement.
- * Professional, high quality UVC meter.
- * Wide measurement range, 199.9 $\mu\text{W}/\text{cm}^2$, 1.999 mW/cm^2 and 19.99 mW/cm^2 .
- * Microprocessor circuit assures maximum possible accuracy, provided special functions and features.
- * Exclusive UVC sensor with correction filter.
- * Super large LCD display, easy readout.
- * Heavy duty & compact housing case.
- * Records Maximum, Minimum reading.
- * Data hold.
- * Auto power off saves battery life.
- * Operates from 9V battery.
- * RS 232 PC serial interface.
- * Zero adjustment by push button.



Lutron

LUTRON ELECTRONIC

The Art of Measurement



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Model : UVC-254

FEATURES
* Short wave 254 nm ultra-violet irradiance measurement.
* Professional, high quality UVC meter.
* Wide measurement range, 199.9 uW/cm ² , 1.999 mW/cm ² and 19.99 mW/cm ² .
* Microprocessor circuit assures maximum possible accuracy, provided special functions and features.
* Exclusive UVA sensor with correction filter.
* Super large LCD display, easy readout.
* Heavy duty & compact housing case.
* Records Maximum, Minimum with recall.
* Data hold.
* Auto power off saves battery life.
* Operates from 9V battery.
* RS232 PC serial interface.
* Zero adjustment by push button.

GENERAL SPECIFICATIONS				
Circuit	Custom one-chip microprocessor LSI circuit.		Over Range Indication	Indication of "- - -"
Display	13 mm (0.5") large LCD display.		Data Output	RS232 PC serial interface.
	Dual function display.		Operating Temperature and Humidity	0 °C to 50 °C (32 °F to 122 °F). Max. 80% RH.
Spectral response range of sensor	Point	254 nm.	Power Supply	DC 9V 006P, MN1604 (PP3) or equivalent. (Alkaline or Heavy duty type).
	Band pass	254 nm with narrow.		
Measurement & ranges	199.9 uW/cm ² x 0.1 uW/cm ² 1.999 mW/cm ² x 0.001 mW/cm ² 19.99 mW/cm ² x 0.01 mW/cm ²		Power Current	Approx. DC 5.3 mA.
Linearity	± 1%.		Weight	355 g/0.77 LB (included batteries)
Sensor	The exclusive photo diode & UVA color correction filter.		Size	Main instrument: 185 x 72 x 32 mm (7.1 x 2.8 x 1.3 inch).
Memory Recall	Records Maximum & Minimum reading with recall.			Sensor probe: 38 mm DIA. x 25 mm.
Zero Adj.	By push button.			
Sample Time	Approx. 0.4 sec.		Accessories	Instruction manual..... 1 PC.
Power off	Manual off by push button, or auto shut off after 10 minutes approximately.			UVC sensor probe..... 1 PC. Hard carrying case..... 1 PC.

ELECTRICAL SPECIFICATIONS (23 ± 5 °C)		
<i>Range</i>	<i>Resolution</i>	<i>Accuracy</i>
199.9 uW/cm ²	0.1 uW/cm ²	± (2 % FS + 2 dgt) <i>FS : full scale</i>
1.999 mW/cm ²	0.001 mW/cm ²	
19.99 mW/cm ²	0.01 mW/cm ²	

* Appearance and specifications listed in this brochure are subject to change without notice.

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UVC-254 SPECTRUM

