



# 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  $\text{mW}/\text{cm}^2$  and 19.99  $\text{mW}/\text{cm}^2$ .
- \* 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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FEATURES
* Short wave 254 nm ultra-violet irradiance measurement.
* Professional, high quality UVC meter.
* Wide measurement range, 199.9 uW/cm <sup>2</sup> , 1.999 mW/cm <sup>2</sup> and 19.99 mW/cm <sup>2</sup> .
* 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
Display	13 mm ( 0.5" ) large LCD display. Dual function display.		Data Output RS232 PC serial interface.
Spectral response range of sensor	Point	254 nm.	Temperature and Humidity
	Band pass	254 nm with narrow.	
Measurement & ranges	199.9 uW/cm <sup>2</sup> x 0.1 uW/cm <sup>2</sup>		Power Supply
	1.999 mW/cm <sup>2</sup> x 0.001 mW/cm <sup>2</sup>		
Linearity	± 1%.		Power Current
	19.99 mW/cm <sup>2</sup> x 0.01 mW/cm <sup>2</sup>		
Sensor	The exclusive photo diode & UVA color correction filter.		Weight
Memory Recall	Records Maximum & Minimum reading with recall.		
Zero Adj.	By push button.		
Sample Time	Approx. 0.4 sec.		Accessories
Power off	Manual off by push button, or auto shut off after 10 minutes approximately.		
			355 g/0.77 LB (included batteries)
			Main instrument: 185 x 72 x 32 mm ( 7.1 x 2.8 x 1.3 inch ).
			Sensor probe: 38 mm DIA. x 25 mm.
			Instruction manual..... 1 PC. 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 <sup>2</sup>	0.1 uW/cm <sup>2</sup>	± ( 2 % FS + 2 dgt) <i>FS : full scale</i>
1.999 mW/cm <sup>2</sup>	0.001 mW/cm <sup>2</sup>	
19.99 mW/cm <sup>2</sup>	0.01 mW/cm <sup>2</sup>	

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

### UVC-254 SPECTRUM

