

# 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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## Model : UVC-254

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	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 <sup>2</sup> x 0.1 uW/cm <sup>2</sup> 1.999 mW/cm <sup>2</sup> x 0.001 mW/cm <sup>2</sup> 19.99 mW/cm <sup>2</sup> x 0.01 mW/cm <sup>2</sup>		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. UVC sensor probe..... 1 PC. Hard carrying case..... 1 PC.
Power off	Manual off by push button, or auto shut off after 10 minutes approximately.			

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.

0403-UVC254

# UVC-254 SPECTRUM

