

Professional, RS-232/USB computer interface

UVC LIGHT METER

Model : UVC-254

ISO-9001, CE, IEC1010



LUTRON ELECTRONIC

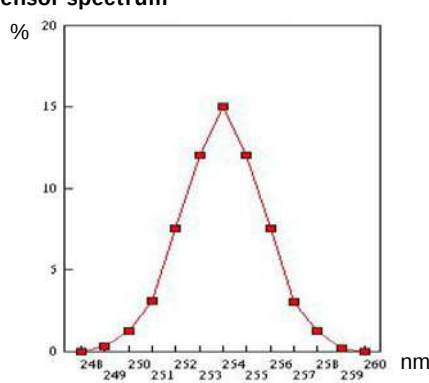


The Art of Measurement

UVC LIGHT METER

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 UVC 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.		Size	Main instrument: 185 x 72 x 32 mm (7.1 x 2.8 x 1.3 inch).
Display	13 mm (0.5") large LCD display. Dual function display.			
Spectral response range of sensor	Point	254 nm.		
	Band pass	254 nm with narrow.	Accessories	Sensor probe: 38 mm DIA. x 25 mm.
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			
Linearity	± 1%.			
Sensor	The exclusive photo diode & UVC color correction filter.		Optional accessories	Instruction manual.....1 PC. UVC sensor probe..... 1 PC. Hard carrying case..... 1 PC.
Memory Recall	Records Maximum & Minimum reading with recall.			
Zero Adj.	By push button.			
Sample Time	Approx. 0.4 sec.		Applications	No. UV-C has been used for over 100 years in various applications to kill germs on surfaces, in the air and in the water. UV-C has been proven to kill up to 99.9% of germs. Many hospitals use UV-C to sanitize. inks, adhesives and coatings.
Power off	Manual off by push button, or auto shut off after 10 minutes approximately.			
Over Range Indication	Indication of "- - - -"			
Data output	RS 232/USB PC computer interface. * Connect the optional RS232 cable UPCB-02 will get the RS232 plug. * Connect the optional USB cable USB-01 will get the USB plug.		UVC sensor spectrum 	
Operating Temperature and Humidity	0 °C to 50 °C (32 °F to 122 °F). Max. 80% RH.			
Power Supply	DC 9V 006P, MN1604 (PP3) or equivalent. (Alkaline or Heavy duty type).			
Power Current	Approx. DC 5.3 mA.			
Weight	355 g/0.77 LB (included batteries)			

ELECTRICAL SPECIFICATIONS (23 ± 5 °C)		
Range	Resolution	Accuracy
199.9 uW/cm ²	0.1 uW/cm ²	± (2 % FS + 2 dgt) FS : full scale
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.

1209-UVC254