Professional, RS-232/USB computer interface

UVC LIGHT METER

Model : UVC-254   *ISO-9001, CE, IEC1010*

www.yalab.com.tw   02-2389-0101

199.9

POWER   HOLD

RECORD   RECALL   RANGE

uW / cm²	mW / cm²	
199.9	1.999	19.99

ZERO

UV LIGHT METER
Ultro-Violet Radiometer

Lutron UVC-254

SGS   UKAS
QUALITY MANAGEMENT
005

Lutron

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The Art of Measurement

UVC-254 UVC LIGHT METER

FEATURES

* Short wave 254 nm ultra-violet irradiance measurement.	
* 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.	* Professional, high quality UVC meter.
* Super large LCD display, easy readout.	* Auto power off saves battery life.
* Heavy duty & compact housing case.	* Operates from 9V battery.
* Records Maximum, Minimum with recall.	* RS232 PC serial interface.
* Data hold.	* 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.		Sensor probe: 38 mm DIA. x 25 mm.
Spectral response range of sensor	Point 254 nm.		
	Band pass 254 nm with narrow.	Accessories	Instruction manual................ 1 PC. UVC sensor probe................. 1 PC. Hard carrying case................ 1 PC.
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	Optional accessories	* Data Acquisition software, ... SW-U801-WIN * Excel data Acquisition software, ... SW-E802 * RS232 cable............. UPCB-01 * USB cable.................USB-01
Linearity	± 1%.		
Sensor	The exclusive photo diode & UVC color correction filter.		
Memory Recall	Records Maximum & Minimum reading with recall.	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.
Zero Adj.	By push button.		
Sample Time	Approx. 0.4 sec.		
Power off	Manual off by push button, or auto shut off after 10 minutes approximately.		
Over Range Indication	Indication of "- - - -"	**UVC sensor spectrum %**	
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.		
Operating Temperature and Humidity	0 ℃ to 50 ℃ (32 ℉ to 122 ℉). 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 ℃)

Range	Resolution	Accuracy
199.9 uW/cm^2	0.1 uW/cm^2	± (6 % 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.

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