

UV LIGHT METER

Model : YK-35UV

ISO-9001, CE, IEC1010



Lutron

LUTRON ELECTRONIC

The Art of Measurement

UV LIGHT METER

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FEATURES	
* Professional, high quality UV meter.	* LCD display, easy readout.
* Ultra-violet irradiance measurement for UVA, UVB or UVA.	* Zero adjustment by push button.
* Calibration is executed under the UVA light and compare and make traceable with the standard UVA light meter.	* Microprocessor circuit assures maximum possible accuracy, provided special functions and features.
	* Exclusive UV sensor with correction filter.
* UV detector spectrum from 200 nm to 380 nm.	* Records Maximum, Minimum with recall.
* Two ranges : 1999 $\mu\text{W}/\text{cm}^2$ and 19990 $\mu\text{W}/\text{cm}^2$ (1.999 mW/cm^2 and 19.99 mW/cm^2).	* Data hold.
* Exclusive UV sensor with correction filter.	* RS 232 PC serial interface.
* Separate UV light probe allows user to measure the UV light at an optimum position.	* DC 9V battery power supply.
	* Built-in low battery indicator.
	* Auto power off saves battery life.
	* Heavy duty & compact housing case.

APPLICATIONS	
<i>Industrial:</i>	<i>Laboratory:</i>
* Monitoring blue light radiation hazards in welding.	* Weathering " degradation studies."
* UV sterilization	* UV sterilization
* Graphic arts.	* Virology.
* Photochemical matching.	* Microbial genetics.
* UV EPROM erasure.	* DNA research.
* Photoresist exposure.	* Biologic hoods.
* Curing of inks, adhesives and coatings.	* General laboratory use.

GENERAL SPECIFICATIONS			
Display	LCD, 38 mm x 52 mm.	Power Supply	DC 9V 006P, MN1604 (PP3) or equivalent.
Measurement ranges & resolution	1999 $\mu\text{W}/\text{cm}^2$ x 1 $\mu\text{W}/\text{cm}^2$	Power Consumption	Approx. DC 8 mA.
	19990 $\mu\text{W}/\text{cm}^2$ x 10 $\mu\text{W}/\text{cm}^2$	Size	<i>Main instrument :</i> 200 x 68 x 30 mm (7.9 x 2.7 x 1.2 inch).
UV sensor spectrum	Band pass 200 - 380 nm.		<i>Sensor probe head :</i> 46 mm dia, x 31mm.
Accuracy	$\pm (4 \% \text{ FS } + 2 \text{ dgt })$ FS : full scale * Calibration is executed under the UVA light & and compare with the standard UVA light meter.		<i>Sensor probe handle :</i> 25 mm dia. x 126 mm.
Sensor structure	The exclusive UV sensor and COS correction filter.	Accessories	Instruction manual..... 1 PC.
Power off	Manual off by push button, or Auto shut off after 10 minutes.	Included	UV sensor probe..... 1 PC.
Zero Adj.	By push button.	UV Sensor Spectrum	
Data Output	RS 232 PC serial interface.		
Memory Recall	Records Maximum & Minimum reading with recall.		
Sample Time	Approx. 1 sec.		
Over Range Indication	Indication of " 1 ".		
Weight	220 g/0.48 LB. * main instrument.		
Operating Temperature	0 to 50 °C (32 to 122 °F).		
Operating Humidity	Max. 80% RH.		

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