

UV LIGHT METER

Model : YK-34UV

ISO-9001, CE, IEC1010

FEATURES

- * Professional, high quality UV meter.
- * Ultra-violet irradiance measurement for UVA & UVB.
- * UV detector spectrum from 290 nm to 390 nm.
- * Hi, Lo measurement range.
- * Two ranges : 1.999 mW/cm² and 19.99 mW/cm².
- * Exclusive UV sensor structure.
- * LSI circuit provides high reliability and durability.
- * Separate UV LIGHT probe allows user to measure the UV light at an optimum position.
- * LCD display, easy readout.
- * Heavy duty & compact housing case.
- * DC 9V battery power supply.
- * Built-in low battery indicator.



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LUTRON ELECTRONIC

The Art of Measurement

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APPLICATIONS

Industrial:	Laboratory:
* 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, 21.5 mm, Maximum indication 1999.	Operating Temperature	0 to 50 °C (32 to 122 °F).
Measurement ranges & resolution	1.999 mW/cm^2 x 0.001 mW/cm^2 19.99 mW/cm^2 x 0.01 mW/cm^2	Operating Humidity	Max. 80% RH.
UV sensor spectrum	Band pass 290 - 390 nm.	Power Supply	DC 9V 006P, MN1604 (PP3) or equivalent.
Accuracy	$\pm (4 \% \text{ FS} + 2 \text{ dgt FS} : \text{full scale}$ * Calibration is executed under the UVA light & and compare with the standard UVA light meter.	Power Consumption	Approx. DC 2.7 mA.
Sensor structure	The exclusive UV photo diode & UV color correction filter.	Size	<i>Main instrument :</i> 200 x 68 x 30 mm (7.9 x 2.7 x 1.2 inch).
			<i>Sensor probe head :</i> 68 x 60 x 27 mm (2.7 x 2.4 x 1.1 inch).
Sample Time	Approx. 0.4 sec.		<i>Sensor probe handle :</i> 98 x 20 mm dia. (3.9 x 0.8 inch).
Over Range Indication	Indication of " 1 ".		
Weight	220 g/0.48 LB.	Accessories Included	Instruction manual..... 1 PC. UV sensor probe..... 1 PC.

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

CAT-0403-YK34UV