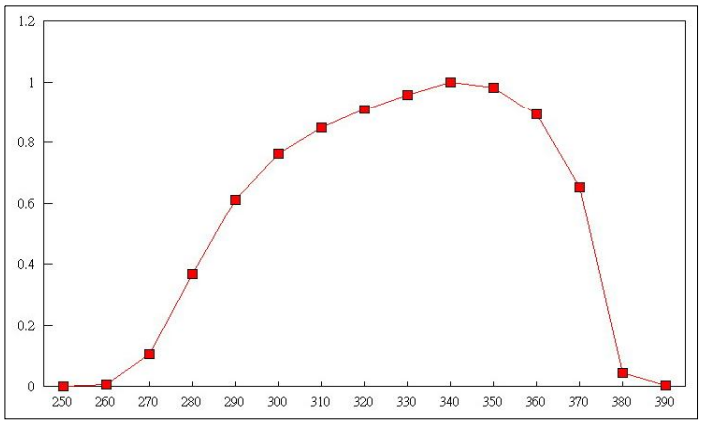
UVA & UVB measurement, Spectum : 290 nm to 390 nm

UV LIGHT METER

Model : UV-340

ISO-9001, CE, IEC1010



Lutron

LUTRON ELECTRONIC

The Art of Measurement

UV LIGHT METER, Model : UV-340

FEATURES	
* Professional, high quality UV meter.	* LSI circuit provides high reliability and durability.
* Ultra-violet irradiance measurement for UVA & UVB.	* Separate UV LIGHT probe allows user to measure the UV light at an optimum position.
* UV detector spectrum from 290 nm to 390 nm.	
* Hi, Lo measurement range.	* LCD display, easy readout.
* Two ranges : 1999 uW/cm^2 and 19990 uW/cm^2 (1.999 mW/cm^2 and 19.99 mW/cm^2).	* Heavy duty & compact housing case.
	* DC 9V battery power supply.
* Exclusive UV sensor structure.	* Built-in low battery indicator.

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	13 mm (0.5") LCD, 3 1/2 digits. Maximum indication 1999.	Operating Temperature	0 蚓 to 50 蚓(32 蚌 to 122 蚌).
Measurement ranges & resolution	1999 uW/cm^2 x 1 uW/cm^2 19990 uW/cm^2 x 10 uW/cm^2	Operating Humidity	Max. 80% RH.
		Power Supply	DC 9V 006P, MN1604 (PP3) or equivalent.
UV sensor spectrum	Band pass 290 - 390 nm.		
		Power Consumption	Approx. DC 2.7 mA.
Accuracy	± (4 % FS + 2 dgt) FS : full scale * *Calibration is executed under the UVA light & and compare with the standard UVA light meter.*	Size	*Main instrument :* 131x70x25 mm (5.2x2.8x1.0 inch).
Sensor structure	The exclusive UV photo diode & UV color correction filter.		*Sensor probe head :* 68 x60x27 mm (2.7x2.4x1.1 inch).
Sample Time	Approx. 0.4 sec.		*Sensor probe handle :* 98x20 mm dia. (3.9x0.8 inch).
Over Range Indication	Indication of " 1 ".		
		Accessories Included	Instruction manual..... 1 PC. UV sensor probe..... 1 PC.
Weight	220 g/0.48 LB (including battery)		

* Appearance and specifications listed in this brochure are subject to change without notice. 0603-UV340