

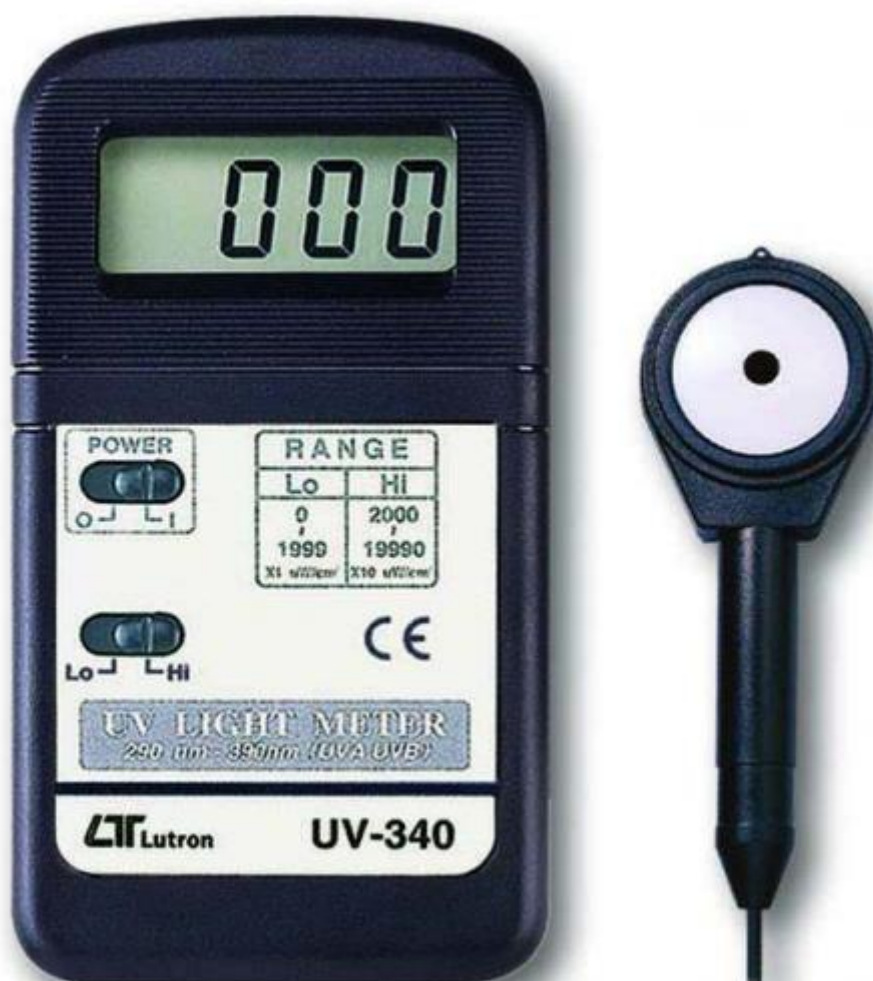
UVA/UVB measurement, Calibration under UVA

UV LIGHT METER

Model : UV-340

ISO-9001, CE, IEC1010

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



Lutron

www.YaLAB.com.tw

The Art of Measurement

UV LIGHT METER

Model : UV-340A

FEATURE

- * Professional, high quality UV meter.
- * Ultra-violet irradiation measurement for UVA & UVB.
- * UV detector spectrum from 290 nm to 390 nm.
- * Hi, Lo measurement range. 19990 and 1999 $\mu\text{W}/\text{cm}^2$. (1.999 mW/cm^2 and 19.99 mW/cm^2).
- * 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 housin
- * DC 9V battery power supply.g case.
- * Built-in low battery indicator.

APPLICATIONS

Industrial

- * Monitoring blue light radiation hazards in welding.
- * UV sterilization
- * Graphic arts.
- * Photochemical matching.
- * UV EPROM erasure.
- * Photoresist exposure.
- * Curing of inks, adhesives and coatings.

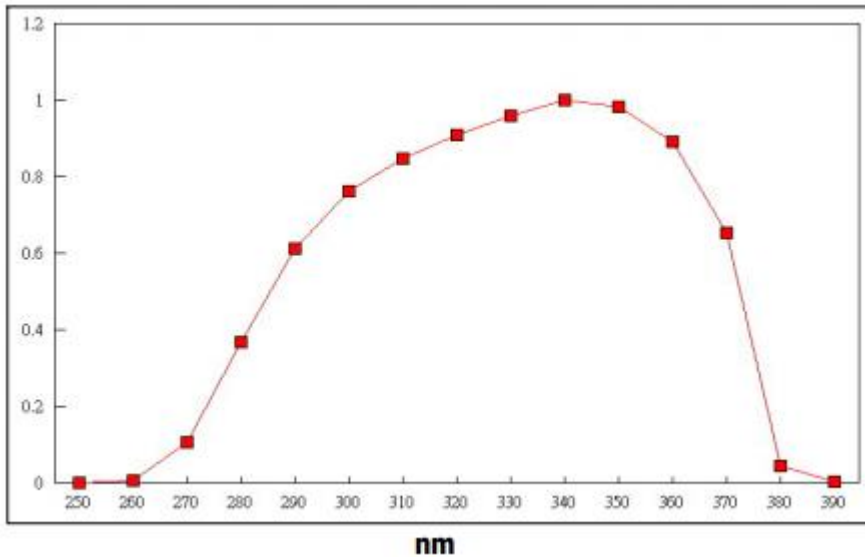
Laboratory

- * Weathering " degradation studies."
- * UV sterilization
- * Virology.
- * Microbial genetics.
- * DNA research. * Biologic hoods.
- * General laboratory use.

ELECTRICAL SPECIFICATIONS (23 \pm 5 $^{\circ}\text{C}$)

Display	LCD size : 13 mm (0.5") LCD, 3 1/2 digits.. Maximum indication 1999.
Measurement ranges & resolution	2 ranges : Hi & Lo range Lo range : 1999 $\mu\text{W}/\text{cm}^2$ x 1 $\mu\text{W}/\text{cm}^2$ Hi range : 19990 $\mu\text{W}/\text{cm}^2$ x 10 $\mu\text{W}/\text{cm}^2$ * 1000 $\mu\text{W}/\text{cm}^2$ = 1 mW/cm^2
UV sensor spectrum	Band pass 290 nm to 390 nm.
Accuracy	\pm (4 % FS + 2 dgt) FS : full scale *Calibration is executed under the UVA light and and compare with the standard UVA light meter.
Sensor Structure	The exclusive UV photo sensor with the cosine correction filter.
Sample Time	Approx. 0.4 sec.
Over Range indication	Indication of "1".
Weight	220g / 0.48 LB (including battery)
Operating Temperature	0 to 50 $^{\circ}\text{C}$.
Operating Humidity	Less than 80% R.H.

Power Supply	DC 9V battery, 006P , MN 1604 (PP3) or equivalent.
Power Consumption	Approx. DC 2.7 mA.
Size	Main instrument : 131 x 70 x 25 mm. (5.2x2.8x1.0 inch). Sensor probe head : 68 x60x27 mm (2.7x2.4x1.1 inch). Sensor probe handle : 98x20 mm dia. (3.9x0.8 inch).
Accessories Included	Instruction manual..... 1 PC. UV sensor probe..... 1 PC.
Optional Acc.	Soft carrying case, CA-52A, CA-03.



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

UV-340A+1509

www.YaLAB.com.tw **02-2389-0101**