Pocket
UV LIGHT METER

Model : UV-340A

ISO-9001, CE, IEC1010

Lutron

LUTRON ELECTRONIC

The Art of Measurement

universalinstruments9@gmail.com

Sales & Support
9392505165, 9177332324

UV LIGHT METER

Model : UV-340A

FEATURES
* 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 uW/cm^2.
* Exclusive UV sensor structure.
* Sensor with cosine correction filter.
* Build Zero button.
* Microprocessor 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.

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.

SPECIFICATIONS	
Display	LCD size : 18 mm x 45 mm. Maximum indication 1999.
Measurement ranges & resolution	*2 ranges : Hi & Lo range* Lo range : 1999 uW/cm^2 x 1 uW/cm^2 Hi range : 19990 uW/cm^2 x 10 uW/cm^2 ** 1000 uW/cm^2 = 1 mW/cm^2*
UV sensor spectrum	Band pass 290 nm to 390 nm.
Accuracy	± (4 % FS + 2 dgt) FS : full scale ** Calibration is executed under the UVA light and and compare with the standard UVA light meter.* ** Spec. tested under the environment RF Field Strength less than 3 V/M & frequency less than the 30 MHz only.*
Sensor Structure	The exclusive UV photo sensor with the cosine correction filter.
Buttons. Switch	Power button, Zero button, Range switch
Sample Time	Approx. 1 sec.
Sensor Structure	Microprocessor circuit.
Over Range indication	Indication of " ---- ".
Weight	251 g / 0.55 LB (including battery)
Operating Temperature	0 to 50 ℃.
Operating Humidity	Less than 85% R.H.
Power Supply	DC 9V battery, 006P , MN 1604 (PP3) or equivalent.
Power Consumption	Approx. DC 6 mA.
Size	Main instrument : 1.131 x 70 x 25 mm. Sensor probe head : 45 mm dia x 32 mm. Sensor probe handle : 125 x 24 mm dia.
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. 0808-UV340A

UNIVERSAL INSTRUMENTS