

UVA/UVB measurement, Calibration under UVA

UV LIGHT METER

Model : UV-340A

ISO-9001, CE, IEC1010



Lutron

LUTRON ELECTRONIC

The Art of Measurement

UV LIGHT METER

Model : UV-340A

| FEATURES |
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| * 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 |
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| 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 °C. |
| 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.