

Professional

UVC LIGHT METER

Model : YK-254UVC

ISO-9001, CE, IEC1010



Lutron

LUTRON ELECTRONIC

The Art of Measurement

Professional UVC LIGHT METER

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FEATURES

* Short wave 254 nm ultra-violet irradiance measurement.
* Professional UVC light meter, used to measure the UVC irradiation value under the UVC light source.
* Two ranges : 2 mW/cm ² , 20 mW/cm ² .
* Exclusive UV sensor structure with metallic housing case.
* Sensor with cosine correction filter.
* Build Zero button.
* Microprocessor circuit provides high reliability and durability.
* Separate probe allows user to measure the UVC light at an optimum position.
* Auto power off saves battery life.
* LCD display, easy readout.
* RS-232/USB computer interface.
* DC 9V battery power supply.
* Operates from 9V battery.
* Heavy duty & compact housing case.

SPECIFICATIONS

Display	LCD size : 51 mm x 37 mm. Maximum indication 1999 counts.
Measurement ranges & resolution	<i>Range 1 : 2 mW/cm² :</i> 1.999 mW/cm ² x 0.001 mW/cm ² <i>Range 2 : 20 mW/cm² :</i> 19.99 mW/cm ² x 0.01 mW/cm ²
Sensor spectrum minimum cover range	240 nm to 290 nm.
Accuracy	± (4 % FS + 2 dgt). FS : full scale * Calibration is executed under the UVC light & and compare with the standard UVC light meter. * Spec. tested under the environment RF Field Strength less than 3 V/M & frequency less than the 30 MHz only.
Buttons	Power button, Hold button, REC button, Range button (Zero button).

Sensor structure	The exclusive UV photo sensor with the cosine correction filter.
Memory with Recall	Records Maximum & Minimum reading with recall.
Zero Adjustment	By push button.
Sample Time	Approx. 1 sec.
Over Range indication	Indication of " ---- ".
Weight	383 g / 0.55 LB (including battery)
Data Output	RS 232/USB PC serial interface. * Connect the optional RS232 cable UPCB-02 will get the RS232 plug. * Connect the optional USB cable USB-01 will get the USB plug.
Operating Temperature	0 to 50 °C .
Operating Humidity	Less than 85% R.H.
Power Supply	DC 9V battery, 006P , MN 1604 (PP3) or equivalent. DC 9V adapter input. <i>@ AC/DC power adapter is optional.</i>
Power Consumption	Approx. DC 6 mA.
Size	<i>Main instrument :</i> 200x68x30 mm (7.9x2.7x1.2 inch). <i>Sensor probe head :</i> 45 mm dia x 32 mm. <i>Sensor probe handle :</i> 38 mm DIA. x 25 mm.
Accessories Included	Instruction manual..... 1 PC. UVC sensor probe..... 1 PC. Soft carrying case, CA-05A..... 1 PC.
Optional Accessories	* AC to DC 9V adapter. * RS232 cable, UPCB-02. * USB cable, USB-01. * Data Acquisition software, SW-U801-WIN. * Data logger, DL-9601A

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

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