

*Professional*

# UVA LIGHT METER

Model : YK-365UVA

*ISO-9001, CE, IEC1010*



**Lutron**

**LUTRON ELECTRONIC**

*The Art of Measurement*

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## Model : YK-365UVA

### FEATURES

* Long wave 365 nm ultra-violet irradiance measurement.
* Professional UVA light meter, used to measure the UVA irradiation value under the UVA light ( black light ) source.
* Two ranges : 2 mW/cm <sup>2</sup> , 20 mW/cm <sup>2</sup> .
* Exclusive UVA sensor structure with metallic housing case.
* Sensor with cosine correction filter.
* Build Zero button.
* Microprocessor circuit provides high reliability and durability.
* Separate UV LIGHT probe allows user to measure the UVA light at an optimum position.
* LCD display, easy readout.
* RS-232/USB computer interface.
* DC 9V battery power supply.
* Build in DC 9V power adapter input socket.
* Heavy duty & compact housing case.
* Application for the industrial field : Monitoring blue light radiation hazards in welding, UV sterilization , Graphic arts, Photochemical matching, UV EPROM erasure, Photoresist exposure, Curing of inks, adhesives and coatings.

### SPECIFICATIONS

Display	LCD size : 51 mm x 37 mm. Maximum indication 1999 counts.
Measurement ranges & resolution	<i>Range 1 : 2 mW/cm<sup>2</sup> :</i> 1.999 mW/cm <sup>2</sup> x 0.001 mW/cm <sup>2</sup> <i>Range 2 : 20 mW/cm<sup>2</sup> :</i> 19.99 mW/cm <sup>2</sup> x 0.01 mW/cm <sup>2</sup>
Sensor spectrum cover range	290 nm to 390 nm.
Accuracy	± ( 4 % FS + 2 dgt ).      FS : full scale  * Calibration is executed under the UVA light & 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.

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:</i> 38 mm DIA. x 25 mm.
Accessories Included	Instruction manual..... 1 PC. UVA 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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