

UVA LIGHT METER

Model : UVA-365

ISO-9001, CE, IEC1010



FEATURES

- * Long wave 365 nm ultra-violet irradiance measurement.
- * Professional, high quality UVA meter.
- * Wide measurement range, 199.9 $\mu\text{W}/\text{cm}^2$, 1.999 mW/cm^2 and 19.99 mW/cm^2 .
- * Microprocessor circuit assures maximum possible accuracy, provided special functions and features.
- * Exclusive UVA sensor with correction filter.
- * Super large LCD display, easy readout.
- * Heavy duty & compact housing case.
- * Records Maximum, Minimum reading.
- * Data hold.
- * Auto power off saves battery life.
- * Operates from 9V battery.
- * RS 232 PC serial interface.
- * Zero adjustment by push button.



Lutron

LUTRON ELECTRONIC

The Art of Measurement

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| * Zero adjustment by push button. |

| GENERAL SPECIFICATIONS | | | | |
|-----------------------------------|--|---------------|------------------------------------|--|
| Circuit | Custom one-chip microprocessor LSI circuit. | | Over Range Indication | Indication of "- - -" |
| Display | 13 mm (0.5") large LCD display. | | Data Output | RS232 PC serial interface. |
| | Dual function display. | | Operating Temperature and Humidity | 0 °C to 50 °C (32 °F to 122 °F). Max. 80% RH. |
| Spectral response range of sensor | Point | 365 nm. | Power Supply | DC 9V 006P, MN1604 (PP3) or equivalent. (Alkaline or Heavy duty type). |
| | Band pass | 320 - 390 nm. | | |
| Measurement & ranges | 199.9 $\mu\text{W}/\text{cm}^2$ x 0.1 $\mu\text{W}/\text{cm}^2$ 1.999 mW/cm^2 x 0.001 mW/cm^2 19.99 mW/cm^2 x 0.01 mW/cm^2 | | Power Current | Approx. DC 5.3 mA. |
| Linearity | $\pm 1\%$. | | Weight | 355 g/0.77 LB (included batteries) |
| Sensor | The exclusive photo diode & UVA color correction filter. | | Size | Main instrument: 185 x 72 x 32 mm (7.1 x 2.8 x 1.3 inch). |
| Memory Recall | Records Maximum & Minimum reading with recall. | | | Sensor probe: 38 mm DIA. x 25 mm. |
| Zero Adj. | By push button. | | | |
| Sample Time | Approx. 0.4 sec. | | Accessories | Instruction manual..... 1 PC. |
| Power off | Manual off by push button, or auto shut off after 10 minutes approximately. | | | UVA sensor probe..... 1 PC. Hard carrying case..... 1 PC. |

| ELECTRICAL SPECIFICATIONS (23± 5 °C) | | |
|--------------------------------------|-------------------------------|---|
| Range | Resolution | Accuracy |
| 199.9 $\mu\text{W}/\text{cm}^2$ | 0.1 $\mu\text{W}/\text{cm}^2$ | $\pm (2 \% \text{ FS} + 2 \text{ dgt})$ <i>FS : full scale</i> |
| 1.999 mW/cm^2 | 0.001 mW/cm^2 | |
| 19.99 mW/cm^2 | 0.01 mW/cm^2 | |

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

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UVA-365 SENSOR SPECTRUM

