UVA
LIGHT METER

Model : UVA-365A

1. FEATURES

* Long wave 365 nm ultra-violet irradiance measurement.
* Professional, high quality UVA light meter.
* Wide measurement range, 199 uW/cm^2 , 1.99 mW/cm^2 and 19.9 mW/cm^2
* Microprocessor circuit assures maximum possible accuracy, provided special functions and features.
* Exclusive UV sensor with correction filter.
* Super large LCD display, easy readout.
* Heavy duty & compact housing case.
* Records Maximum, Minimum with recall.
* Data hold.
* Auto power off saves battery life.
* 006P DC 9V battery power supply.
* RS 232 PC serial interface.
* Zero adjustment by push button.

2. SPECIFICATIONS

2-1 General Specifications

Circuit	Custom one-chip microprocessor LSI circuit.	
Display	13 mm (0.5") Super large LCD display with contrast adjustment for best viewing angle.	
Spectral response range of sensor	Point	365 nm.
	Band pass	320 to 390 nm.
Measurement & ranges	199 uW/cm^2 x 1 uW/cm^2 1.99 mW/cm^2 x 0.01 mW/cm^2 19.9 mW/cm^2 x 0.1 mW/cm^2	
Linearity	1%.	
Sensor	The exclusive photo diode & UV color correction filter.	
Memory Recall	Records Maximum & Minimum reading with recall.	
Zero Adj.	By push button.	
Sample Time	Approx. 0.4 sec.	
Power off	Manual off by push button, or Auto shut off after 10 minutes.	
Data Output	RS 232 PC serial interface.	
Operating Temperature	0 to 50 ℃(32 to 122 ℉).	
Operating Humidity	Max. 80% RH.	
Power Supply	DC 9V 006P, MN1604 (PP3) or equivalent. (Alkaline or Heavy duty type).	
Power Current	Approx. DC 5.3 mA.	
Weight	335 g/0.77 LB (included batteries)	
Size	Main instrument: 180 x 72 x 32 mm (7.1 x 2.8 x 1.3 inch).	
	Sensor probe: 38 mm DIA. x 25 mm.	
Accessories	Instruction manual..... 1 PC. UVA sensor probe..... 1 PC. Hard carrying case..... 1 PC.	

2-2 Electrical Specifications (23 ± 5 ℃)

Range	Resolution	Accuracy
199 uW/cm^2	1 uW/cm^2	± (2 % + 2 dgt) *@ full scale*
1.99 mW/cm^2	0.01 mW/cm^2	
19.9 mW/cm^2	0.1 mW/cm^2	