UV LIGHT METER

Model: SP-82UV *ISO-9001*, *CE*, *IEC1010*









The Art of Measurement

UV LIGHT METER

Model: SP-82UV

FEATURES

- * UV light measurement, calibration is executed under the UVA light & and compare with the standard UVA light meter.
- * UV sensor structure The exclusive UV photo sensor with the cosine correction filter.
- * UV sensor spectrum Band pass 260 nm to 390 nm.
- * Tiny bone shape with light weight and small size case design are suitable for handling with one hand.
- * Wristlet design provides extra protection to the instrument especially for user one hand operation.
- * Built- in microprocessor circuit assures excellent performance and accuracy.
- * Concise and compact buttons arrangement, easy operation.
- * Memorize the maximum and minimum value with recall.
- * Hold function to freeze the current reading value.

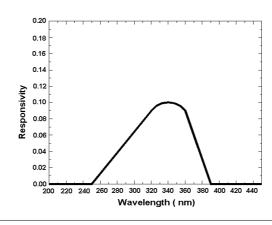
	GENERAL SPECIFICATIONS
Display	8 mm LCD display
Measurement	UV Light
Operating	Max. 80% RH.
Humidity	
Operating	0 to 50 $^{\circ}\mathrm{C}$ (32 to 122 $^{\circ}\mathrm{F}$)
Temperature	
Over Input	Indication of " "
Display	
Power Supply	CR 2032 DC 3V battery
Power	Approx. DC 5 mA
Consumption	
Weight	160g (battery included)
Dimension	HWD 120 x 45 x 20 mm (4.7 x 1.8 x 1.2 inch).
Standard Accessory	Instruction Manual

ELECTRICAL SPECIFICATION ($23 \pm 5\%$)				
UV Light * auto range * UVA light measurement				
Range	Resolution	Accuracy		
0 to 1999 uW/cm^2	1 uW/cm^2	± (4 % FS + 2 dgt)		
2 to 20.00 mW/cm^2	0.01 mW/cm^2	FS : full scale		

Remark

- * Calibration is executed under the UVA light & and compare with the standard UVA light meter.
- * UV Sensor structure : The exclusive UV photo sensor with the cosine correction filter.
- * UV sensor spectrum Band pass 290 nm to 390 nm.

UV Light sensor spectrum



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