



Print photo +
datasheet



UV LIGHT METER

Model : UVC-254

1. FEATURES

- * Short wave 254 nm ultra-violet irradiance measurement.
- * Professional, high quality UV meter.
- * Wide measurement range, 199.9 uW/cm² 1.999 mW/cm² and 19.99 mW/cm²
- * 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.
- * Operates from 9V battery.
- * 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. Dual function display.	
Spectral response range of sensor	Point	254 nm.
	Band pass	254 nm with narrow.
Measurement & ranges	199.9 uW/cm ² x 0.1 uW/cm ² 1.999 mW/cm ² x 0.001 mW/cm ² 19.99 mW/cm ² x 0.01 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.	
Over Range Indication	Indication of "- - -"	
Operating Temperature	0 °C to 50 °C(32 °F to 122 °F).	
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.	

[[Previous page](#)] [[Product-index](#)] [[Model-index](#)] [[New products](#)]