## UVA/UVB measurement, Calibration under UVA UV LIGHT METER

## Model: YK-35UV

*ISO-9001, CE, IEC1010* 

The Art of Measurement





## RS232/USB UV LIGHT METER Model : YK-35UV

## FEATURES

* Professional, high quality UV meter.		UV sensor	Band pass 260 nm to 390 nm.
* Ultra-violet irradiation measurement for UVA & UVB.		spectrum	
* UV detector spectrum from 260 nm to 390 nm.		Accuracy	± (4 % FS + 2 dgt). FS : full scale
* Two ranges : 2 mW/cm^2, 20 mW/cm^2.			* Calibration is executed under the UVA light &
* Exclusive UV sensor structure.			and compare with the standard UVA light meter.
* Sensor with cosine correction filter.			* Spec. tested under the environment RF Field
* Build Zero button.			Strength less than 3 V/M & frequency less than the
* Microprocessor circuit provides high reliability and			30 MHz only.
durability.		Sensor structure	The exclusive UV photo sensor with
* Separate UV LIGHT probe allows user to measure the			the cosine correction filter.
UV light at an optimum position.		Buttons	Power button, Hold button, REC button,
* LCD display, easy readout.			Range button, Zero button.
* RS-232/USB computer interface.		Sample Time	Approx. 1 sec.
* DC 9V battery power supply.		Circuity	Microprocessor circuit.
* Build in DC 9V power adapter input socket.		Over Range	Indication of "
* Heavy duty & compact housing case.		indication	
		Weight	383 g / 0.55 LB (including battery)
APPLICATIONS		Data Output	RS 232/USB PC serial interface.
Industrial		Operating	0 to 50 ℃.
* Monitoring blue light radiation hazards in welding.		Temperature	
* UV sterilization		Operating	Less than 85% R.H.
* Graphic arts.		Humidity	
* Photochemical matching.		Power Supply	DC 9V battery, 006P , MN 1604 (PP3)
* UV EPROM erasure.			or equivalent.
* Photoresist exposure.			DC 9V adapter input.
* Curing of inks, adhesives and coatings.			@ AC/DC power adapter is optional.
Laboratory		Power	Approx. DC 6 mA.
* Weathering " degradation studies."		Consumption	
* UV sterilization		Size	Main instrument :
* Virology.			200x68x30 mm (7.9x2.7x1.2 inch).
* Microbial genetics.			Sensor probe head :
* DNA research. * Biologic hoods.			45 mm dia x 32 mm.
* General laboratory use.			Sensor probe handle :
			125 x 24 mm dia.
SPECIFICATIONS		Accessories	Instruction manual 1 PC.
Display	LCD size : 51 mm x 37 mm.	Included	UV sensor probe 1 PC.
	Maximum indication 1999 counts.	Optional	AC to DC 9V adapter.
Measurement	Range 1 : 2 mW/cm^2 :	Accessories	RS232 cable, UPCB-02.
ranges &	1.999 mW/cm^2 x 0.001 mW/cm^2		USB cable, USB-01.
resolution	Range 2 : 20 mW/cm^2 :		Data Acquisition software, SW-U801-WIN.
	19.99 mW/cm^2 x 0.01 mW/cm^2		Soft carrying case, CA-05A.
			Hard carrying case, CA-06.

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

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