

# TM-208 Datalogging 3 in 1 UVA Light Meter

## UVA, Solar Power, Illumination measurement

### FEATURES:

- 3 3/4 digits LCD with backlit maximum reading 3999.
- 3 in 1 light sensor design you can selection other (UV Power or Solar or Illumination) one to measurement.
- Max/Min/Avg and data hold.
- Auto power off with disable function.
- Low battery indication.
- USB interface, Datalogging capacity: 45,000 records.
- Backlit function.
- Real time clock with calendar.
- Rel (relative) function / Zero Adjustment.



### UVA :

- Highly reliable direct reading Instrument designed expressly for measuring light intensity at the wafer plane of mask aligners.
- UV curing light sources, and any other UV light source.

### Solar Power Features:

- The accuracy is +/-3% at 1,000 Watts/m<sup>2</sup> .
- Solar power research.
- Physics and optical laboratories.
- Just point the calibrated PV cell at the sun and read the irradiance in Watts/m<sup>2</sup> or Btu/ft<sup>2</sup>.h.
- It's great for those who test PV modules or arrays in the field.

### Illumination Features:

- According to JISC1609: 1993 and CNS 5119 general A class spec.
- Spectral response close to CIE luminous spectral efficiency.
- Measuring intensities of illumination in unit of Lux or Foot-candle.
- Silicon photodiode and filter. Cosine angular corrected.

### APPLICATION:

warehouses, factories, office buildings, restaurants, schools, library, hospitals, photographic, video, parking garages, museums, art galleries, stadiums, building security.

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Specification	Model : TM-208 UVA Light Meter		
Measuring range	UVA measurement	Illumination measurement	Solar measurement
	40uW, 400uW, 4,000uW,20mW	40,400,4,000,40,000,400,000Lux 40,400,4,000,40,000Foot-candel	40, 400,1000 W/m2, 13,127,634 Btu/ft2.h
Resolution	0.01uW,0.1uW, 1uW,0.01mW	0.01,0.1,1,10,100 Lux 0.01,0.1,1,10 Foot-candel	0.01,0.1,1 W/m2 .01,0.1,1 Btu/ft2.h
Accuracy	+/-3%	+/-3% (Calibrated to standard incandescent lamp 2856 <sup>o</sup> K) +/-6%(other visible light source )	+/-5%
Wavelength	320~390nm	400~1100nm	400~1100nm
Datalogging capacity	4500 records		
Sample Time	Approx. 0.4 sec.		
Data Output	USB PC serial interface.		
Power Supply	9V battery(NEDA 1604 IEC 6F 22 JIS 006P)		
Battery life	approx. 100 hr.		
Weight	approx. 160g		
Accessories	Instruction manual.		
	9V battery(NEDA 1604 IEC 6F 22 JIS 006P)		
	Carrying case .		
	UVA sensor probe.	SOLAR sensor probe.	Illumination sensor probe.
Main instrument	130(L) x 55(W) x 38 (H)mm		
Sensor probe	Ø49 x 28(H) mm.	80(L) X 55(W)X25(H)mm.	80(L) X 55(W)X25(H)mm