



TM-208 _ Solar, UVA & Light Meter (3 in 1)

- 3 3/4 digits backlit LCD with max. reading 3999.
- 3 in 1 design, UV Power, Solar Power and Illumination(light) measurement.
- USB datalogging capacity: 45,000 records.
- Real time clock with calendar.
- Rel (relative) function / Zero Adjustment

Require

Product Character

M-208 is a 3 in 1 Meter, it measure the following sources:

UVA :

- Highly reliable direct reading Instrument designed expressly for measuring light intensity at
- UV curing light sources, and any other UV light source.

Solar Power Features:

- The accuracy is +/-3% at 1,000 Watts/m² .
- Solar power research.

- Physics and optical laboratories.
- Just point the calibrated PV cell at the sun and read the irradiance in Watts/m² or Btu/ft².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.

his model is very useful in the warehouses, factories, office buildings, restaurants, schools, library, hospitals, photographic, video, parking garages, museums, art galleries, stadiums, building security and so on.

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Specification

	UVA measurement	Illumination measurement	Solar measurement
Measuring range	400μW/cm ² 4000μW/cm ² ,20mW/cm ²	40.00Lux,400.0Lux,4000 Lux, 40000Lux,400000Lux, 40.00FC,400.0FC,4000 FC, 40000FC	40W/m ² ,400W/m ² ,2000W/m ² , 13Btu (ft ² .h),127 Btu (ft ² .h), 634 Btu (ft ² .h),
Resolution	0.1μW/cm ² ,1μW/cm ² , 0.01mW/cm ²	0.01, 0.1, 1, 10, 100Lux 0.01, 0.1, 1, 10foot-candle	0.01W/m ² ,0.1W/m ² ,1W/m ² , 0.01 Btu (ft ² .h),0.1 Btu (ft ² .h), 1 Btu (ft ² .h),
Accuracy	±4% Fs+2dgt	±3% (calibrated to standard incandescent lamp 2856°K) 6% (other visible light source)	±10 W/m ² (±3 Btu/ (ft ² .h) or ±5%)

Wavelength	320~390nm	380~780nm	400~1100nm
Datalogging capacity	45000 records		
Sampling time	Approx. 0.25sec		
Data output	USB interface		
Power supply	9V battery (NEDA 1604 IEC 6F22 JIS 006P)*1		
Battery life	Approx.100hr		
Weight	Approx.250g		
Accessories	Instruction manual, carrying case, USB cable, software CD		
	9V battery (NEDA 1604 IEC 6F22 JIS 006P)*1		
	UVA sensor probe	Illumination sensor probe	Solar sensor probe
Dimension	Main instrument :130x56x38mm (LxWxH)		
	Sensor probe: 49DIA. x28(H)mm	Sensor probe :80x55x25mm	Sensor probe :80x55x25mm