

Model No.: : TM-208

Product Description



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- 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

TM-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 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/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.

This 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.

	UVA measurement	Illumination measurement	Solar measurement
Measuring range	40.0uW, 400uW, 4,000uW,20mW	40,400,4,000,40,000,400,000Lux 40,400,4,000,40,000Foot-candel	40, 400 uW/m2, 20.00W/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 0.01,0.1,1 Btu/ft2.h
Accuracy	+/-4%	+/-3% (Calibrated to standard incandescent lamp 2856° K) +/-6%(other visible light source)	+/-5%
Wavelength	320~400nm	400~1100nm	400~1100nm
USB datalogger	45,000 records		
Sample Time	4 tims per second.		
Data Output	USB PC serial interface.		
Power Supply	9V battery(NEDA 1604 IEC 6F 22 JIS 006P)		

Battery life	approx. 100 hr.		
Total Weight	approx. 1,200g		
Accessories	Instruction manual.		
	9V battery(NEDA 1604 IEC 6F 22 JIS 006P)		
	Carrying case		
	UVA sensor probe.	SOLAR sensor probe.	Illumination sensor probe.
Sensor probe	Ø49 x 28(H) mm.	80(L) X 55(W)X25(H)mm.	80(L) X 55(W)X25(H)mm
Main instrument	130(L) x 55(W) x 38 (H)mm		