

TM-208

Solar UVA Illumination



Display :

- 3 3/4 digits LCD with backlit maximum reading 3999.

Features :

- 3 in 1 light sensor design you can select either (UV Power , Solar or Illumination) one to measure.
- Max / Min/Avg and data hold. • Auto power off (adjustable from 0 to 99 min)with disable function.
- Low battery indication. • USB interface, Datalogging capacity : 45,000 records. • Backlit function.
- Real time clock with calendar. • Real zero function.
- Rel (relative) function / Zero Adjustment.
- % displays differential from difference point.

Solar Power :

- Solar power research.
- Physics and optical laboratories.
- Display in unit of Watts / m² or Btu / ft²h.
- It's great for those who test PV modules or arrays in the field.

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. • Wavelength : 320~390nm.

Illumination :

- According to JISC1609 : 1993 and CNS 5119 general A class spec. • Spectral response close to CIE luminous spectral efficiency. • Silicon photodiode and filter.
- Cosine angularcorrected.
- Applications include: warehouses, factories,office buildings, restaurants, schools, library, hospitals, photographic, video, parking garages, museums, art galleries, stadiums, building security.

Specifications :

	UVA measurement	Illumination measurement	Solar measurement
Measuring range	40.0 μ W/cm ² , 400 μ W/cm ² 4000 μ W/cm ² . 20mW/cm ²	40.00Lux, 400.0Lux, 4000Lux, 4000 ₀ Lux, 4000 ₀₀ Lux, 40.00FC, 400.0FC, 4000FC,4000 ₀ FC	40W/m ² , 400W/m ² , 2000W/m ² . 13 Btu(ft ² ·h),127 Btu(ft ² ·h), 634Btu(ft ² ·h)
Resolution	0.01 μ W/cm ² , 1 μ W/cm ² , 0.01mW/cm ²	0.01, 0.1, 1, 10, 100 Lux, 0.01, 0.1, 1, 10 Foot-candel	0.01W/m ² , 0.1W/m ² , 1W/m ² , 0.01Btu(ft ² ·h), 0.1Btu(ft ² ·h), 1Btu(ft ² ·h)
Accuracy	\pm 4% Fs+2dgy	\pm 3% (Calibrated to standard incandescent lamp 2856°K) \pm 6%(other visible light source)	\pm 5%
Wavelength	320~400nm	400~1100nm	400~1100nm
Datalogging capacity	45000 records		
Sampling Time	Approx. 0.25sec		
Data Output	USB interface		
Power Supply	9V battery(NEDA 1604 IEC 6F 22 JIS 006P)*1		
Battery life	approx. 100 hr		
Weight	approx. 250g		
Accessories	Instruction manual.1 PC		
	9V battery(NEDA 1604 IEC 6F 22 JIS 006P)*1		
	UVA sensor probe.1 PC	Illumination sensor probe.1 PC	SOLAR sensor probe. 1 PC
	Carrying case.1 PC	Carrying case 1 PC	Carrying case.1 PC
Dimension	Main instrument : 130(L) x 56(W) x 38 (H)mm		
	Sensor probe : 49 DIA. x 28(H) mm	Sensor probe : 80mm X 55X25 mm	Sensor probe: 80mm X 55X25 mm