

TM-208



Protection Holster (optional)

Display

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



Features

- 3 in 1 design ; you can select one of the sensors, UV power, solar or illumination for measurement.
- Max, Min, Avg and data hold
- Auto power off (adjustable from 0 to 99 min with) disable function
- USB interface, datalogging capacity 45,000 records
- Low battery indication
- % displays differential from difference point
- Real time clock with calendar
- Real zero function

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 JISC 1609: 1993 and CNS 5119 general A class spec.
- Spectral response close to CIE luminous spectral efficiency
- Silicon photodiode and filter
- Cosine angular corrected

Applications

- Warehouses, factories, office buildings, restaurants, schools, libraries, hospitals, photographic, video, parking garages, museums, art galleries, stadiums, building and security, etc.

Specifications

	UVA measurement	Illumination measurement	Solar measurement
Measuring range	400 μ W/cm ² 4000 μ W/cm ² , 20mW/cm ²	40.00Lux, 400.0Lux, 4000 Lux, 40000Lux, 400000Lux, 40.00FC, 400.0FC, 4000FC, 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	0.1 μ W/cm ² , 1 μ W/cm ² , 0.01mW/cm ²	0.01, 0.1, 1, 10, 100Lux 0.01, 0.1, 1, 10 foot-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	\pm 4% +2dgt	\pm 3% (calibrated to standard incandescent lamp 2856°K) 6% (other visible light source)	\pm 10 W/m ² (\pm 3 Btu/ (ft ² .h) or \pm 5%)
Wavelength	320~390nm	380~780nm	400~1100nm
Datalogging capacity	45000 records		
Sampling rate	Approx. 4 times/sec.		
Data output	USB interface		
Power supply	9V battery (NEDA 1604 IEC 6F22 JIS 006P)*1		
Battery life	Approx. 100hrs		
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
	Main instrument : 130 x 56 x 38mm (L x W x H)		
Dimension	Sensor probe: 49DIA. x 28(H)mm	Sensor probe: 80 x 55 x 25mm (L x W x H)	Sensor probe: 80 x 55 x 25mm (L x W x H)