

Datalogging 3 in 1 UV Light Meter

TM-208A



Applications

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

Features

- ◆ 3 in 1 design , select one of the sensors, UV power, solar or illumination to measure.
- ◆ Max, Min, Avg and data hold.
- ◆ Real time clock with calendar.
- ◆ 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 zero function.

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

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

- ◆ 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

Specifications

	UVA measurement	Illumination measurement	Solar measurement
Measuring range	400.0μW/cm ² , 4000μW/cm ² , 20.00mW/cm ²	40.00, 400.0, 4000, 40000, 400000 Lux 40,400, 4000, 40000 Foot-candles	40.00W/m ² , 400.0W/m ² , 2000W/m ² , 13.00 Btu(ft ² *h), 127.0Btu(ft ² *h), 634 Btu(ft ² *h)
Resolution	0.01μw/cm ² , 1μw/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 @25°C	±4% Fs+2dgt FS: full scale	±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
Sensor probe Dimension	47Ø±1X24(H)mm	80x55x25mm	80x55x25mm

Display	3¾ LCD display maximum display 4000	Power	9V battery, NEDA 1604, IEC 6F22 or JIS 006P(Only data logger use), or AC to DC Adapter. (9V/300mA).
Sampling	4 times/second		
Data output	USB interface	Weight	approx.250g
Battery life	Approx.100hr	Dimension	140(L) x 65(W) x 37.5 (H)mm