Datalogging 3 in 1 UV Light Meter

TENMARS SOUNDTEK SIRIUS YFE

Protection Holster (optional)

TM-208

USB

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
- 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
- Real zero function
- % 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 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	400μW/cm² 4000μW/cm², 20mW/cm²	40.00Lux, 400.0Lux, 4000 Lux, 40000Lux, 400000Lux, 40.00FC, 400.0FC, 4000FC, 40000FC	40W/m², 400W/m², 2000W/m², 13Btu (ft².h),127 Btu (ft².h),634 Btu (ft².h)
Resolution	0.1μW/cm², 1μW/cm², 0.01mW/cm²	0.01, 0.1, 1, 10, 100Lux 0.01, 0.1, 1, 10 foot-candle	0.01W/m², 0.1W/m², 1W/m², 0.01 Btu (ft².h), 0.1 Btu (ft².h), 1 Btu (ft².h)
Accuracy	±4% +2dgt	±3% (calibrated to standard incandescent lamp 2856°K) 6% (other visible light source)	±10 W/m² (±3 Btu/ (ft².h) or ±5%)
Wavelength	320~390mm	380~780mm	400~1100mm
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
Dimension	Main instrument :130 x 56 x 38mm (L x W x H)		
	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)

Features

- According to JISC 1609: 1993 AND CNS 5119 general A class specifications
- Spectral response close to CIE luminous spectral efficiency
- Measuring intensities of illumination in unit of Lux or Foot-candle (TM-209 TM-209M)
- Silicon photo diode and filter
- Cosine angular corrected
- Data hold

TM-201L

TM-209

TM-209M

Specifications

	TM-201L LED light meter	TM-209 LED light meter	TM-209M Multi-LED light meter
Light source	White light LED and all visible light measuring		6 LED light source and all visible light measuring: L0 ⟶ Standard light source A L1 ⟶ LED WHITE day light L2 ⟶ LED RED light L3 ⟶ LED AMBER (Yellow) light L4 ⟶ LED GREEN light L5 ⟶ LED BLUE light L6 ⟶ LED PURPLE light L7~L9 ⟶ Default Standard light source A
Display	3 1/2 digits LED with maximum reading 2000	3 3/4 digits LED with maximum reading 3999	
Function	-	Luminous Intensity Measurement	
	-	99 records storage capacity	
	-	Auto power off with disable function	
	Max hold	Max / Min / AVG hold	
	Zero adjustment	Real Zero function	
	Manual ranging	Auto ranging	
Range	200, 2000, 20000, 200000 Lux 20, 200, 2000, 20000FC	40, 400, 4000, 40000, 400000 Lux 40, 400, 4000, 40000 FC	
Dimension	Meter: 130 x 55 x 38mm (L x W x H)		
	Sensor: 80 x 55 x 25mm (L x W x H)		
Weight	250g		
Accuracy	±3% (calibrated to standard incandescent lamp 2856°K and corrected LED day white light) ±8% (other visible light source)		±3% (calibrated to standard incandescent lamp 2856°K and corrected LED day light source) ±6% (other visible light source)