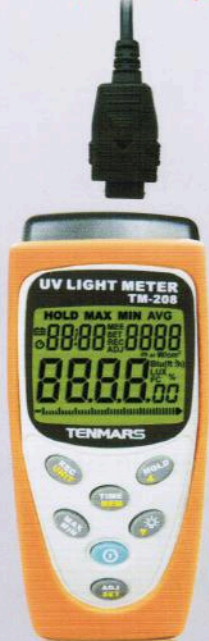
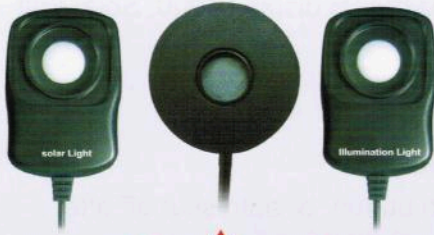




### TM-208

Solar UVA Illumination



Protection Holster (optional accessory)



#### 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 / m<sup>2</sup> or Btu / ft<sup>2</sup>h.
- 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 $\mu$ w/cm <sup>2</sup> , 400 $\mu$ w/cm <sup>2</sup><br>4000 $\mu$ w/cm <sup>2</sup> · 20mW/cm <sup>2</sup> | 40.00Lux, 400.0Lux, 4000Lux,<br>4000 <sub>0</sub> Lux, 4000 <sub>00</sub> Lux,<br>40.00FC, 400.0FC, 4000FC,4000 <sub>0</sub> FC | 40W/m <sup>2</sup> , 400W/m <sup>2</sup> , 2000W/m <sup>2</sup> .<br>13 Btu(ft <sup>2</sup> ·h),127 Btu(ft <sup>2</sup> ·h), 634Btu(ft <sup>2</sup> ·h) |
| Resolution           | 0.01uW/cm <sup>2</sup> , 1uW/cm <sup>2</sup> ,<br>0.01mW/cm <sup>2</sup>  | 0.01, 0.1, 1, 10, 100 Lux,<br>0.01, 0.1, 1, 10 Foot-candel  | 0.01W/m <sup>2</sup> , 0.1W/m <sup>2</sup> , 1W/m <sup>2</sup> ,<br>0.01Btu(ft <sup>2</sup> ·h), 0.1Btu(ft <sup>2</sup> ·h), 1Btu(ft <sup>2</sup> ·h)   |
| Accuracy             | ±4% Fs+2dgt   | ±3% (Calibrated to standard<br>incandescent lamp 2856°K)<br>6%(other visible light source )                                     | ±5%   |
| Wavelength           | 320~390nm   | 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  |   |
| Dimension            | Main instrument : 130x56x38mm.(LxWxH)   |   |   |
|                      | Sensor probe :<br>49 DIA. x 28(H) mm  | Sensor probe : 80x55x25 mm.   | Sensor probe: 80x55x25 mm   |