

# TM-207 Solar Power Meter

## Display:

- 3½ digits LCD display with maximum reading of 2000.

## Features:

- Select either W/m<sup>2</sup> or BTU / (ft<sup>2</sup> x h) units.
- Data Hold.
- Max / Min Hold.
- Wire length of the removable sensor : approximately 1.5M.

## Applications:

- Solar radiation measurement.
- Solar power research.
- Physics and optical laboratories.
- Simple to use General data.

## Specifications :

- **Over-input** : Display "OL"
- **Sampling time** : 0.25 second
- **Battery** : 1 pc (9V)
- **Battery life** : Approx. 100 hours.
- **Dimension** :130 x 55 x 39 mm (L x W x H).
- **Weight** : Approx. 150g



|            |                                                                                                                                                                                                                                     |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Display    | 20, 200, 2000,20000, 200000 Lux<br>20, 200, 2000, 20000 Foot-candle                                                                                                                                                                 |
| Range      | 2000 W/m <sup>2</sup> , 634BTU / (ft <sup>2</sup> xh)                                                                                                                                                                               |
| Resolution | 0.1 W/m <sup>2</sup> , 0.1 BTU/ (ft <sup>2</sup> xh)                                                                                                                                                                                |
| Accuracy   | Typically within ± 10W/m <sup>2</sup> [±3 BTU/ (ft <sup>2</sup> xh)] or ± 5% whichever is greater in sunlight. Temperature included error ±0.38 W/m <sup>2</sup> / °C [±0.12 BTU/ (ft <sup>2</sup> xh)] / °C] deviation from 25 °C. |



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