

## Solarimeter SPM 72



### Simple measurement of solar radiation

- *No prior adjustments required: point the SPM 72 at the sun and the measurement is displayed*
  - *Easy-to-read data display*
    - *Possibility of recalibrating the value*
    - *Compact and easy to handle*

## Applications

- Measurement of solar radiation
- Determination of the optimum angle of incidence for positioning solar panels
- Measurement of the transmission of sunlight through transparent and/or treated glass

## Functions

- Max. and min. lock button
- Button for switching the measurement unit between W/m<sup>2</sup> and BTU (ft<sup>2</sup>\*h)
- Data hold button
- Automatic ranging for measurements
- Possibility of recalibrating the value

## Specifications

<b>Accuracy</b>	± 10 W/m <sup>2</sup> [± 3 BTU / (ft <sup>2</sup> *h)] or ± 5%, with the highest value in sunlight prevailing; other error caused by the temperature ±0.38 W/m <sup>2</sup> /°C [± 0.12 BTU / (ft <sup>2</sup> *h) /] from 25°C
<b>Spectral band covered</b>	400 to 1,200 nm
<b>Operating temperature &amp; RH</b>	5 °C ~ 40 °C, below 80% RH
<b>Storage temperature &amp; RH</b>	-10 °C ~ 60 °C, below 70% RH
<b>Screen</b>	3 1/2-digit LCD with max. value of 1,999
<b>Sampling interval</b>	Approximately 0.25 of a second
<b>Resolution</b>	1 W/m <sup>2</sup> or 1 BTU / (ft <sup>2</sup> *h)
<b>Overload</b>	The screen indicates "OL"
<b>Range</b>	0 to 1,999 W/m <sup>2</sup> or 634 BTU / (ft <sup>2</sup> *h)
<b>Dimensions and weight</b>	132 (L) x 60 (W) x 38 (H) mm, approx. 150g
<b>Battery life</b>	Approximately 100 hours
<b>EMC</b>	This instrument is EMC-compatible and has been tested in accordance with the EN 61326 (1997) + A1(1998)+ A2 (2001) standards

To order :  
P06236001

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