



TIS PV1 Solar Power Meter



The TIS PV1 Solar Power Meter is used to measure Solar Power. With this unit you can measure the optimal incident angle for Solar Panels & determine the best choice of Solar Panel. Measurements are displayed in W/M squared or BTU.

Specification

Basic Functions

Range 1999W/m² or 634 BTU/(ft² x h)² Accuracy Typically within ± 10 W/m² [± 3 BTU / (ft² x h) or $\pm 5\%$]

Additional Temp. induced error ± 0.38 W/m²/°C (± 0.12 BTU / (ft² x h)/°C from 25°C

Operating Temp. & Relative Humidity 5°C ~ 40°C, below 80% RH

Resolution 0.1W/m² or 0.1BTU / (ft² x h)

Special Functions

Optimal Incident Angle for Solar Panels

Solar Radiation Measurement

Transmission Measurement for measuring the effectiveness of Solar Film

Car Window Light Intensity Measurement

Measurement of the Sun's Transmission through Transparent and Film Glass

Easy to use and the Information is Displayed Automatically

Complete with Carry Case

Measures up to 1999W/m² or 634 BTU

Overload Display

Selectable Range W/m² or BTU (ft² x h) units 1

Stable Readings

Data Hold

Zero Display

Low Battery Warning (Battery Life: approx. 50 hr)

Auto Range

3 ¾ LCD Display

General Characteristics

Power 2 x 1.5V AAA MN2400

Weight 90g

Size 134mm x 48mm x 27mm

Standard Accessories User Manual & Carrying Case