

Seaward Solar Survey 200R Irradiance Meter

Product Images

Product Code: C70-7230



Short Description

This rugged handheld unit not only measures irradiance, but also has a built-in inclinometer to measure roof pitch, compass to measure roof orientation and thermometer to measure ambient air and module temperature. These unique additional features makes the Solar Survey 200R a truly versatile and indispensable instrument, ensuring optimum conditions for every system installed.

The 200R now features new Solarlink™ connectivity which allows it to wirelessly give the PV150/PV200 real-time irradiance, ambient temperature and PV module temperature measurement results simultaneously to electrical tests being conducted, as required by the IEC 62446 international standard. Results can be downloaded from the PV150/PV200 into certification software.

The Solar Survey 200R includes a data logging facility with USB interface for data download to a PC. This allows for irradiance and temperature to be recorded at user-defined intervals over a number of hours or days, the collected data can then be downloaded to a PC for analysis of for inclusion in installation reports.

This high specification irradiance meter simply and quickly measures the sun's irradiance, displaying the information in either W/m² or BTU/hr-ft², making it ideal for both solar photovoltaic and thermal applications.

The use of a photovoltaic reference cell, provides a more representative measurement of solar energy and greater accuracy and repeatability compared to irradiance meters which use simple photo diode detectors.

The Solar Survey 200R incorporates a display hold feature, which enables the user to easily capture readings in difficult locations.

Please see datasheet for full specifications

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