PVM

Initially, the PVM210 may be used as an aid to select the most appropriate site for placing the solar panels. Once the installation is complete the PVM210 will be used to verify the stated short circuit current, as marked on each panel, in conjunction with either a suitable multimeter or clampmeter.

MEGGER PVM210 IRRADIANCE METER

The Megger PVM210 has been designed to provide the solar / photovoltaic engineer a compact, pocket size instrument that is easy to use. Single-handed operation is possible due to the solar detector and meter being housed in one neat unit. This feature is ideal when using the instrument on a sloping roof or when working at the top of a ladder.

The easy-to-read display and measurement hold feature allows fast accurate readings of solar power.

The PVM210 has a 3¾ digit LCD display with a measurement range up to 1999 W/m².

In addition to W/m² measurements, a selectable BTU (British Thermal Unit) measurement range up to 634 BTU / (ft 2*h) is also featured. The unit features a data hold function that freezes the display to allow easy reading of measurements. Range selection is featured on the PVM210.

A universal camera screw thread on the rear of the instrument allows accurate positioning if required when using a camera stand.

- Optimal incident angle and positioning of solar panels.
- Measurement of solar power for panel short circuit calculation.
- 3-3/4 digit LCD display with 1999 W/m^2 range.
- Single handed use.
- Pocket sized for easy carrying.
- Standard camera mount fixing for accurate placement.
- 1 year warranty

ORDERING INFORMATION FOR PVM

Cat. No.	Description
1002-548	PVM210 Irradiance meter; 1999 W/m^2

The **MIT400/2 series** has been proven to perform in the "renewable energy" industry. The MIT400/2 series has been used successfully in both wind and solar applications. From generators and cables to combiner boxes. Find pinched wires and leakage problems before they become dangerous with the Megger line of MIT400/2 series Insulation testers.

See page 8 for more details.

PVK

Both kits include the PVM210 irradiance meter. Additionally, two pairs of specialized solar test leads are included with the PVK units. The first pair is comprised of 4-ft leads terminated with standard 4 mm plugs and MC4-type solar panel connector. The other pair consists of 6-in. adapter leads terminated with MC4 and MC3 solar connectors. Ratings of the leads are 19 A 1000 V.

For more information on the PVM210, refer to the previous page.

PVK320 AND PVK330 PHOTOVOLTAIC KITS

- Choice of multimeter/clampmeter options for verifying solar panels.
- Data hold allows easy measurements.
- Single button operation.
- Automatic on/off for prolonged battery life.
- Compact instruments fit in pocket for easy carrying.

The Megger PVK kits offer the photovoltaic engineer / electrician two choices of included test instruments for verifying a photovoltaic installation.

The PVK320 kit features the Megger PVM210 irradiance meter combined with the Megger AVO410 CATIV multimeter, while the PVK330 kit features the PVM210 with the DCM340 AC/DC clampmeter.

Both kits have a combined PV test lead / adapter set for MC3 and MC4 connection to solar panels. Also included is a zipped pouch for storing each kit.

The PV test leads, included with both kits, feature a set of red and black test leads with 4mm instrument plugs at one end, terminated with MC4 solar connectors at the other end.

The included adapter leads have MC4 connectors at one end with MC3 connectors at the other end. Ratings of the leads are 19A 1000V.

Both kits have a zipped pouch to store the instruments and leads.

ORDERING INFORMATION FOR PVK

Cat. No.	Description
1002-550	PVK320
1002-551	PVK330
1002-549	PV Testleads