

Supplement

Manual Title: IRR2-BT Users Manual

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This supplement contains information necessary to ensure the accuracy of the above manual.

Change #1, 291

On page 2, **Kit Components**, replace the list with the following:

- 1 IRR2-BT Solar Irradiance Meter Pro
- 1 External Temperature Probe
- 2 Suction Cups (for External Temperature Probe)
- 1 Carrying Case with Shoulder Strap
- 1 Mounting Bracket
- 4 AA IEC LR6 Batteries
- 1 User Manual

On page 8, **External Temperature Probe Connection**, replace the entire paragraph with the following and add figure:

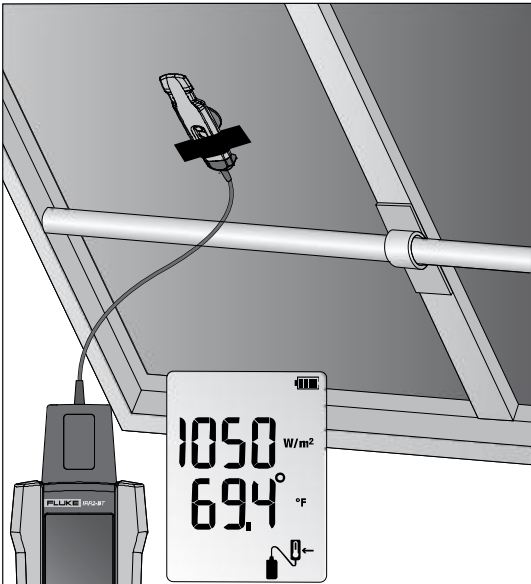
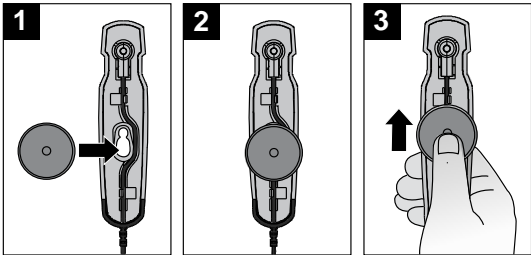
Connect the temperature probe to the top of the Meter. The screen automatically shows  when connected. The icon indicates that the temperature is now read by the external probe. Place the Meter on or beside the PV panel and connect the temperature probe with the suction cup to the underside of the PV panel. Make sure the surface on the underside of the PV panel is clean and free of any debris. Secure the temperature probe to the panel with electrical tape.

Note

Attach the suction cup before you use the temperature probe.

⚠ Caution

- **Always keep the suction cups in the provided box for protection.**
- **When you attach and remove the suction cup from the probe, hold it from the center and pull it upward or downward. Do not pull on the edge of the cup, it may damage the cup.**



On page 13, **Specifications, Irradiance**, replace the note with the following:

Note

Irradiance measurement accuracy is specified for an angle of incidence ≤ 35 degrees from the sun at AM1.5 (ASTM G-173) spectrum.

On page 13, **Specifications, Temperature Measurement**, replace with the following:

Measuring Accuracy..... ± 5 °C (± 9 °F) @ -10 °C to 75 °C
(14 °F to 167 °F),
 ± 8 °C (± 14.5 °F) @ -30 °C to -10 °C
(-22 °F to 14 °F) and 75 °C to 100 °C
(167 °F to 212 °F)

On page 14, **Specifications, Inclination Angle**, replace with the following:

Measuring Accuracy
(typical)..... ± 1.5 ° @ -50° and +50°
 ± 2.5 ° @ -85° to -50° and +50° to +85°
 ± 3.5 ° @ -90° to -85° and +85° to +90°