TECHNICAL DATA

Solar Tools Kit with 1537 Insulation Resistance Tester and 283 FC/PV Solar Digital Multimeter, Wireless Current Clamp



Key features

- Tests insulation up to 2,500 V and 500 GΩ resistance
- Logs voltage and current data up to 1500 V DC
- Wireless clamp enables hands-free current testing
- CAT III 1500 V/CAT IV 1000 V rated for safety
- Ideal for solar commissioning and troubleshooting

Product overview: Solar Tools Kit with 1537 Insulation Resistance Tester and 283 FC/PV Solar Digital Multimeter, Wireless Current Clamp

Solar Tools Kit with 1537 Insulation Resistance Tester and 283 FC/PV Solar Digital Multimeter, Wireless Current Clamp
Combining the Fluke 1537 insulation tester and 283FC/PV logging multimeter, this kit enables comprehensive system diagnostics—insulation integrity and detailed voltage and current data logging in one package. It's perfect for commissioning and troubleshooting complex solar and DER systems, providing both safety assurance and performance insights.

1.888.610.7664 www.calcert.com sales@calcert.com

Fluke 1537 Insulation Resistance Tester

The 1537 2,500 V Insulation Resistance Testers are engineered to simplify frontline troubleshooting whether you're on the factory floor or working in the field at a solar installation. With user selectable test voltages from 250 V to 2,500 V and resistance measurements up to 500 GΩ these testers allow you to cover more workload with a single tool. Equipped with an intuitive user interface, a short circuit current of up to 5 mA and a CAT IV 600 V rating these portable high-voltage insulation testers can deliver rapid and stable resistance measurements no matter where you take them. The 1537 also allows you to store measurements for later review or PC transfer, using the provided software.

Fluke 283 FC/PV Solar Digital Multimeter and Wireless Current Clamp

The CAT III 1500 V/CAT IV 1000 V True-RMS Fluke 283 FC Digital Multimeter and a283 FC True-RMS Wireless Current Clamp set the new standard for technicians in DC environments up to 1500 V. Whether you're working with a utility-scale solar photovoltaic (PV) array, wind power, an electric railway, or a data center, the Fluke 283 FC has been engineered to enhance safety and increase productivity while giving you accurate, reliable, and repeatable results. The 283 FC/PV includes CAT III 1500 V DC safety-rated accessories so you can work confidently in higher voltage environments without compromising safety. The MC4 test leads allow you to quickly make reliable, secure connections to modules or strings to test DC voltage up to 1500 V DC. TL175-HV CAT III 1500 V/CAT IV 1000 V rated silicone test leads give you more flexibility when testing voltage, millivoltage, resistance, continuity, or capacitance on inverters, combiner boxes, PV arrays, or individual PV modules. A bright backlit LCD screen and illuminated keypad make it easier to work in both direct and low light conditions. The included magnetic hanging kit frees up your hands and the custom hard carrying case protects your investment while you transport it.

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Ordering information



FLK-1537-283/PV

Solar Tools Kit with 1537 Insulation Resistance Tester and 283 FC/PV Solar Digital Multimeter, Wireless Current Clamp

Part#: 6116117
UPC#: 195112155103

- 1537 Insulation Resistance Tester
- Test leads with alligator clips (red, black, green)
- Probe (red, black)
- Soft carrying case
- USB cable
- PC software (downloadable from the Fluke Website)

- 283 FC TRMS Wireless Digital Multimeter
- a283 FC 60A TRMS Wireless AC/DC Current Clamp
- Solar MC4 test Lead set
- TL175-HV TwistGuard™ Silicone test leads
- Premium carrying case
- Magnetic hanging strap

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