

Fluke 1587FC/1577 Insulation Multimeter High Voltage Resistance Tester Wireless Transmission Megohmmeter, Hand Crank Meter



Fluke 1587 FC/1577 Insulation Multimeter

The Fluke 1587 FC and 1577 combine the functionality of an insulation tester with a full-featured multimeter

All in one.

Both products offer a "two-in-one" feature set that insulates digital

Tester and full-featured true-rms digital multimeter in one compact handheld device ready. It achieves maximum versatility, suitable for both troubleshooting and pre-processing Preventive maintenance.

Whether you work with motors, generators, cables or switchgear, Flow

Gram-insulated multimeters can bring incredible capabilities in one device. neither do you

Then you need to go back to the truck, store, or tool shed to pick up what you need to get the test done.

other tools. Both products are rugged, reliable and easy to use, Fluke

Fully meet your expectations. It all comes together into a breakthrough solution that both

Save time and money.

Digital insulation tester and full-featured multimeter - two tools in one!

Fluke 1587C FC Insulation Multimeter

High-performance 2-in-1 isolated digital multimeter

The Fluke 1587C FC Insulation Multimeter combines a digital insulation tester with a full-featured, true-rms digital multimeter in a single, compact, hand-held product to maximize its versatility in troubleshooting and preventive maintenance use.

The Fluke 1587C FC Insulation Multimeter adds four powerful new diagnostic capabilities with the Fluke Connect® measurement application:

PI/DAR timing ratio testing with TrendIt™ graphs for quicker identification of moisture and contaminated insulation issues.

Storing results via Fluke Connect eliminates the need to handwrite test results, reduces recording errors, and saves data for long-term historical tracking

Temperature compensation through the application helps to establish an accurate baseline and relative historical data comparison

Track and trend equipment condition, determine insulation degradation, and make decisions in real-time on-site with Fluke Connect® Assets

Product Highlights:

PI/DAR Timing Ratio Test

Live line detection prevents insulation testing at voltages greater than 30 V for enhanced user protection

VFD low-pass filter for accurate measurement of motor drives

Automatic discharge of capacitor voltage for enhanced user protection

Insulation Test (1587 FC: 0.01 MΩ to 2 GΩ)

Insulation test voltages for various applications (1587 FC: 50 V, 100 V, 250 V, 500 V, 1000 V)

AC/DC Voltage, DC Voltage (mV), AC/DC Current (mA), Resistance (Ω), Continuity

Capacitance, Diode Test, Temperature, Min/Max, Frequency (Hz)

Auto power off to save power

CAT III 1000 V, CAT IV 600 V measurement category

Large display with backlight

Sturdy and practical hard case allows you to carry everything you need for work

Standard Accessories: Remote Probes, Test Leads and Probes, Alligator Clips, Type K Thermocouples

Optional Fluke TPAK magnetometer hook for easy two-handed operation

Main features

- Insulation test

1587FC: 0.01 MΩ to 2 GΩ

1577: 0.1 MΩ to 600 MΩ

- Insulation test voltage

1587 FC: 50V, 100V, 250V, 500V, 1000V

1577: 500V, 1000V

- PI/DAR Timing Ratio Test with FC TrendIt™ Enhanced Graphics

(Model 1587 FC only) enables faster problem identification

- Storing results through Fluke Connect eliminates the need to manually record test results, reducing

Fewer errors are recorded and data can be saved for future query at any time over a long period of time

- Temperature compensation to help establish an accurate baseline and relative historical data comparison
- Automatic release of capacitor voltage
- Measures AC/DC volts, DC millivolts, AC/DC milliamps, resistance and continuity

Try the buzzer

- Fluke 1587 FC includes capacitance, diode tests, temperature, min/max and

frequency

- VFD low pass filter for measuring variable speed drive motors (Model 1587 FC only)
- Live line detection terminates insulation testing at voltages greater than 30 V to enhance user safety

Protect

- Large display with backlight
- Auto power off to extend battery life

Recommended objects:

Fluke 1587 FC: Maintaining Industrial Plants, Industries, and Utilities

of electricians, field service contractors, and commercial HVAC/R technicians
technicians.

Fluke 1577: Electrical Contractors and Commercial Electrical Engineers













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