

Uni-T UT533 Insulation Resistance Tester



Model: UT533

Manufacturer: UNI-T

EAN: 6935750553305

Product Code: 1089544

R5,906

Uni-T UT533 Insulation Resistance Tester

The Uni-T UT533 Insulation Resistance Tester is a versatile 2-in-1 measuring device that combines the functions of a classic RMS digital multimeter with an insulation tester capable of test voltages up to 1000V. It is suitable for industrial and laboratory work as well as for home installations, as it allows for the measurement of AC/DC voltage, AC/DC current, resistance, capacitance, frequency, and temperature, and additionally enables precise monitoring of the insulation condition of wires and devices.

A wide range of measurements in a single device

The Uni-T UT533 is designed to replace several tools at once. This allows the user to quickly switch between voltage, current, and resistance measurements, reducing setup time and increasing

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convenience. The RMS measurement function ensures accurate results even with distorted signals, which is crucial in modern electrical installations.

Insulation resistance measurement up to 1000V

The device offers the ability to test insulation in the range up to 2GΩ at a test voltage from 50 to 1000V. This allows for effective diagnosis of the condition of wires, motors, or electrical installations, detecting potential damage before it leads to a failure.

Easy-to-read display and user-friendly operation

The large 5999-count backlit display ensures good visibility of results even in low light. The dual-display function allows simultaneous reading of two parameters, facilitating measurement analysis. Additional features, such as HOLD, MAX/MIN, and auto-off, enhance comfort and safety during operation. The UT533 model complies with CAT III 1000V and CAT IV 600V safety standards, allowing for safe use in demanding conditions. The double-insulated housing and compliance with CE and RoHS certifications increase the device’s reliability in daily use.

Included

- Test leads
- Batteries
- Alligator clips
- Type K temperature probe

Manufacturer	Uni-T
Model	UT533
Insulation resistance measurement	0.1MΩ – 2GΩ (±5%+5)
Test voltage	50V – 1000V
AC voltage	6V – 1000V (±2%+3)
DC voltage	6mV – 1000V (±0.3%+4)

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AC current	60mA – 600mA ($\pm 1.5\%+2$)
DC current	60mA – 600mA ($\pm 1.0\%+2$)
Resistance	600 Ω – 40M Ω ($\pm 1.5\%+3$)
Capacitance	10nF – 100 μ F ($\pm 3\%+5$)
Power supply	6 $\times$ 1.5V LR6 batteries
Dimensions	96.7 $\times$ 202.8 $\times$ 46 mm
Weight	505 g

GPSR Link: https://psr-assets.innpro.pl/tools/sg_tools_measuring_tools.pdf, Gross weight: 1030, Net weight: 505, Box length: 21,50, Box width: 16,50, Box height: 7,50

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