

CAT IV Insulation Tester/MultiMeter with Wireless PC Interface

✓ Combines a 1000V Insulation Tester
With a full-featured True RMS MultiMeter in a single, compact instrument

Features:

- Wireless USB interface transmits measurement data to a PC
- Backlit super large triple display
- 125V, 250V, 500V, and 1000V test voltages
- Insulation Resistance from 0.001M Ω to 4000M Ω
- Auto discharge of capacitive voltage
- Lock Power On Function for hands-free operation
- Data Hold and Auto Power Off
- Min/Max and Relative mode
- Waterproof (IP67) rugged double-molded design
- Complete with remote receiver with USB cable, Windows compatible software, heavy duty test leads, alligator clip test lead, Type K bead wire temperature probe with adapter, carrying case, and 6 x AA batteries



Measure the insulation resistance of transformer windings



Only a True RMS meter can give accurate readings of distorted waveforms



WIRELESS Transmitter

Continuous data streaming to your PC in real time

| Specifications | Range | Resolution | Accuracy |
|--------------------------|------------------------------------|------------|-------------|
| Insulation Tester | | | |
| Insulation Resistance | 40M/400MΩ, 400MΩ, 4000MΩ | 0.001MΩ | ±3% |
| Insulation Test Voltages | 125V, 250V, 500V, 1000V | | |
| Multimeter | | | |
| AC Voltage | 1000V | 0.1mV | ±1% |
| DC Voltage | 1000V | 0.01mV | ±0.06% |
| AC Current | 10A | 0.1μA | ±1.5% |
| DC Current | 10A | 0.01μA | ±1.0% |
| Resistance | 40M | 0.01 | ±0.3% |
| Capacitance | 40mF | 0.001nF | ±3.5% |
| Frequency | 100MHZ | 0.001HZ | ±0.1% |
| Duty Cycle | 0.1 to 99.9% | 0.01 | ±1.2% |
| Temperature | -58 to 2192°F | 0.1°F | ±1% + 4.5°F |
| | -50 to 1200°C | 0.1°C | ±1% + 2.5°C |
| 4-20mA% | -25 to 125% | 0.01% | |
| Continuity/Diode | Yes | | |
| Power source | 6 x AA batteries | | |
| Dimensions | 7.8 x 3.6 x 1.9" (200 x 92 x 50mm) | | |
| Weight | 20.5oz (582g) | | |

Ordering Information:

MG300.....CAT IV Insulation Tester/True RMS MultiMeter w/Wireless PC Interface (915MHz)

MG300-NIST.....MG300 with Certificate of Calibration Traceable to NIST

MG302.....CAT IV Insulation Tester/True RMS MultiMeter w/Wireless PC Interface (433MHz)

MG302-NIST.....MG302 with Certificate of Calibration Traceable to NIST

TL805.....Double Injected Test Leads

(NOTE: USA, Mexico, and Canada use 915MHz model and majority of other countries use 433MHz model)



UL listed on MG300 only

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more info for Extech MG302

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