

MG325 CAT IV Insulation Tester/MultiMeter



NEW



Includes test leads, alligator clip, remote probe with built-in test button, 6 x AA batteries, and soft case; 1 year warranty



High Insulation Resistance range (200GΩ) and fully loaded DMM functions

- Polarization Index (PI) and Dielectric Absorption Ratio measurements (DAR)
- Low Resistance measurement with Zero function
- Programmable Timer feature sets the duration of test
- Comparison Mode allows user to set the Pass/Fail values
- Step Voltage (10% steps at 50% to 120% of range)
- Auto-discharge of voltage test signal
- Lock Power On Function for hands-free operation
- Manually store/recall up to 99 readings
- Backlit 10,000 count display with analog bargraph
- High voltage and overload indication
- Data Hold, Auto Power Off and Low battery indication
- CAT IV-600V safety category

SPECIFICATIONS

Insulation Resistance	50MΩ, 100MΩ, 200MΩ, 500MΩ, 2000MΩ, 1GΩ, 10GΩ, 20GΩ, 50GΩ, 100GΩ, 200GΩ
Insulation Test Voltages	50V, 100V, 250V, 500V, 1000V
AC/DC Voltage	600V
Leakage Current	2000μA
Resistance	10MΩ
Low Resistance	100Ω
Capacitance	500μF
Frequency	1kHz
Continuity	Yes (audible)
Dimensions/ Weight	8.9 x 4.1 x 2.3" (225 x 103 x 59mm)/ 1.5lbs (0.7kg)

ORDERING

MG325	N	CAT IV Insulation Tester/MultiMeter with Remote Test Probe
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MG300/MG302 CAT IV Insulation Tester/MultiMeter with Wireless PC Interface



WIRELESS Transmitter



Includes remote receiver with USB cable, Windows® compatible software, heavy duty test leads, alligator clip test lead, Type K bead wire temperature probe, hard case, and 6 x AA batteries; 1yr warranty



Watch the **Video**
www.extech.com/video

Combines a 1000V Insulation Tester with a True RMS MultiMeter

- Wireless USB interface transmits measurement data to a PC
- Backlit large triple display and waterproof (IP67) rugged housing design
- Insulation Resistance from 0.001MΩ to 4000MΩ
- Auto discharge of capacitive voltage
- Lock Power On Function for hands-free operation
- Min/Max, Relative mode, Data Hold, and Auto power off

SPECIFICATIONS

	RANGE	RESOLUTION	BASIC ACCURACY
Insulation Resistance	4MΩ, 40MΩ, 400MΩ, 4000MΩ	0.001MΩ	±3%
Insulation Test Voltages	125V, 250V, 500V, 1000V		
AC/DC Voltage	1000V	0.1mVAC/ 0.01mVDC	AC: ±1%, DC: ±0.06%
AC/DC Current	10A	0.1μA AC/ 0.01μA DC	AC: ±1.5%, DC: ±1%
Resistance	40MΩ	0.01Ω	±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 1832°F (-50 to 1000°C)	0.1°F (0.1°C)	±1% + 4.5°F (2.5°C)
4-20mA%	-25 to 125%	0.01%	
Continuity/Diode	Yes		
Dimensions/ Weight	7.8 x 3.6 x 1.9" (200 x 92 x 50mm)/ 20.5oz (582g)		

ORDERING

MG300	N	CAT IV Insulation Tester/MultiMeter with Wireless PC Interface (915MHZ)
MG302	N	CAT IV Insulation Tester/MultiMeter with Wireless PC Interface (433MHZ)