



PRODUCT DATASHEET

CAT IV Insulation Tester/MultiMeter with Wireless PC Interface

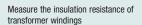
Combines a 1000V Insulation Tester

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 $0.001 M\Omega$ to $4000 M\Omega$
- 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







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





Continuous data streaming to your PC in real time

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AUTO		5.6
∢RECALL	MultiMeter & Insi	ulation Tester PeakHOLD)
STORE SETUP RANGE LOCK	MAX REI	AC+DC EXIT
MODE	OFF V	¥ usa ¥
4.20 HA		Hzw.
-		Temp
CE Anto Femor	on MG300	IP67 VHz %Tenp Ω +1-d−it-
20A for 30 ever		v 600V III 1000V

Specifications	Range	Resolution	Accuracy
Insulation Tester			
Insulation Resistance	4 Μ Ω , 4 0Μ Ω , 4 00Μ Ω , 4 000Μ Ω	$0.001 \text{M}\Omega$	±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	0.1μΑ	±1.5%
DC Current	10A	0.01µA	±1.0%
Resistance	40ΜΩ	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 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:

MG300CAT IV Insulation Tester/True RMS MultiMeter w/Wireless PC Interface (915MHz)

MG300-NISTMG300 with Certificate of Calibration Traceable to NIST

MG302CAT IV Insulation Tester/True RMS MultiMeter w/Wireless PC Interface (433MHz)

MG302-NISTMG302 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)





