

## MG325 CAT IV Insulation Tester/ True RMS MultiMeter



Checking voltage on a lathe



Insulation test on pump motor

Combines a 200G $\Omega$ /1000V high range Insulation Tester with a full-featured True RMS MultiMeter in a single, compact instrument. CAT IV safety rating ensures the highest level of protection.



### Features

- Measure Insulation Resistance to 200G $\Omega$
- 5 Test Voltage ranges
- 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 for insulation measurements
- 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
- LED high voltage and LCD overload indication
- Data Hold to freeze displayed reading
- Auto Power Off and Low battery indication
- CAT IV-600V safety category
- Complete with remote probe, test leads, alligator clip, 6 x AA batteries, and soft case

Specifications	Range	Resolution	Basic Accuracy
Insulation Resistance	50M $\Omega$ , 100M $\Omega$ , 200M $\Omega$ , 500M $\Omega$ , 2000M $\Omega$ 1G $\Omega$ , 10G $\Omega$ , 20G $\Omega$ , 50G $\Omega$ , 100G $\Omega$ , 200G $\Omega$	0.001M $\Omega$	$\pm(3\%+3d)$
Insulation Test Voltages	50V, 100V, 250V, 500V, 1000V		0 to 20%
AC/DC Voltage	600V	0.01V	AC: $\pm(1.5\%+5d)$ / DC: $\pm(2\%+3d)$
Leakage Current	2000 $\mu$ A	10 $\mu$ A	$\pm(10\%+3d)$
Resistance	10M $\Omega$	0.01k $\Omega$	$\pm(3\%+3d)$
Low Resistance	100 $\Omega$	0.01 $\Omega$	$\pm(1.5\%+5d)$
Capacitance	500 $\mu$ F	0.1nF	$\pm(5\%+5d)$
Frequency	1kHz	0.1HZ	$\pm(0.1\%+3d)$
Continuity (audible)	Yes		
Dimensions/ Weight	8.9 x 4.1 x 2.3" (225 x 103 x 59mm)/ 1.5lbs (0.7kg)		

### Ordering

MG325..... CAT IV Insulation Tester/True RMS MultiMeter with Remote Test Probe



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