

## MG325 CAT IV Insulation Tester/ True RMS MultiMeter



Checking voltage on a lathe



Insulation test on pump motor

**Combines a 200GΩ/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 200GΩ
- 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    | 50MΩ, 100MΩ, 200MΩ, 500MΩ, 2000MΩ<br>1GΩ, 10GΩ, 20GΩ, 50GΩ, 100GΩ, 200GΩ | 0.001MΩ    | ±(3%+3d)                     |
| Insulation Test Voltages | 50V, 100V, 250V, 500V, 1000V   |            | 0 to 20%                     |
| AC/DC Voltage            | 600V   | 0.01V      | AC: ±(1.5%+5d)/ DC: ±(2%+3d) |
| Leakage Current          | 2000μA   | 10μA       | ±(10%+3d)                    |
| Resistance               | 10MΩ   | 0.01kΩ     | ±(3%+3d)                     |
| Low Resistance           | 100Ω   | 0.01Ω      | ±(1.5%+5d)                   |
| Capacitance              | 500μF  | 0.1nF      | ±(5%+5d)                     |
| Frequency                | 1kHz   | 0.1HZ      | ±(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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