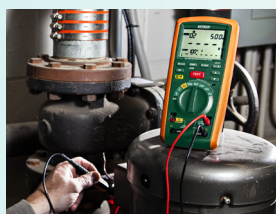


## MG320 CAT IV Insulation Tester/ True RMS MultiMeter



Voltage check on motor starter



Insulation test on pump motor

**Combines a portable 20G $\Omega$ /1000V Insulation Tester with a True RMS MultiMeter. Insulation tester includes PI/DAR modes, programmable timer, and a comparator for custom test configurations and quick results.**



### Features

- Measure Insulation Resistance to 20G $\Omega$
- 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 6,000 count display with analog bargraph
- High voltage and overload indication
- Data Hold to freeze displayed reading
- Auto Power Off and Low battery indication
- CAT IV-600V safety category
- Complete with 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 $\Omega$ | 0.01M $\Omega$ | $\pm 3\%$      |
| Insulation Test Voltages | 50V, 100V, 250V, 500V, 1000V  |                | 0 to 10%       |
| AC/DC Voltage            | 600V  | 0.1V           | $\pm 2\%$      |
| Resistance               | 20k $\Omega$  | 0.01 $\Omega$  | $\pm 1.5\%$    |
| Continuity               | Yes   |                |                |
| Dimensions/ Weight       | 8.9 x 4.1 x 2.3" (225 x 103 x 59mm)/ 1.5lbs (0.7kg)   |                |                |

### Ordering

MG320..... CAT IV Insulation Tester/True RMS MultiMeter



UPC Code: 793950383223

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Extech:](#)

[MG320](#)