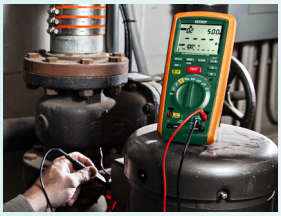
EXTECH INSTRUMENTS

PRODUCT DATASHEET

MG320 CAT IV Insulation Tester/ True RMS MultiMeter

Voltage check on motor starter



Insulation test on pump motor

Combines a portable 20GΩ/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 20GΩ
- 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	50MΩ, 100MΩ, 200MΩ,500MΩ, 2000MΩ, 1GΩ, 10GΩ, 20GΩ	0.01MΩ	±3%
Insulation Test Voltages	50V, 100V, 250V, 500V, 1000V		0 to 10%
AC/DC Voltage	600V	0.1V	±2%
Resistance	20kΩ	0.01Ω	±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

CE EN 61010-1 CAT IV 600V

UPC Code: 793950383223

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