

# MG500 Insulation Resistance Tester / Multimeter

## Insulation Resistance to 200GΩ

### Features:

- 50V, 100V, 250V, 500V, and 1000V Test Voltages
- Polarization Index ((PI)
- Dielectric Absorption Rate (DAR)
- Lock Power feature for hands-free operation
- Timed Test function (1 to 10 minutes in 1 minute increments)
- Live circuit voltage indicator
- Comparison (pass/fail) mode
- Leakage current measurement
- AC/DC Voltage, Resistance, Capacitance, Frequency, and Continuity measurement
- Store/Recall 99 measurement groups
- Backlit 6000 count display with bargraph
- Data Hold freezes the reading on the display
- Auto Power off
- Low voltage indicator
- ETL Listed
- Optional model complete with Certificate of Traceability to N.I.S.T.
- Includes test leads, test probes, alligator clips, (6) AA batteries, and carrying case
- 2 year warranty

### Applications:

Personal safety and loss of power performance are the main reasons for using an insulation tester. Commonly used in preventative maintenance programs to check for the breakdown of electrical resistance in insulation typically found in motors, switchgear, power tools, appliances and cables.



### Specifications

Insulation Range	50MΩ, 100MΩ, 2000MΩ, 500MΩ, 2000MΩ, 1GΩ, 10GΩ, 20GΩ, 50GΩ, 100GΩ, 200GΩ
Accuracy	±3%
Resolution	0.01MΩ
Test Voltages	50V, 100V, 250V, 500V, 1000V
AC/DC Voltage	600V
Leakage Current	10 to 2000μA
Resistance	10MΩ
Low Resistance	100Ω
Frequency	45Hz-1kHz
Capacitance	500μF
Safety Category	CAT IV 600V
Power	(6) AA batteries
Dimensions	8.8 x 4.1 x 2.3" (225 x 103 x 59mm)
Weight	1.5lbs (0.7kg)

### Ordering Information:

MG500 Insulation Resistance Tester / Multimeter  
MG500-NIST MG500 Including Certificate of Traceability to N.I.S.T.

