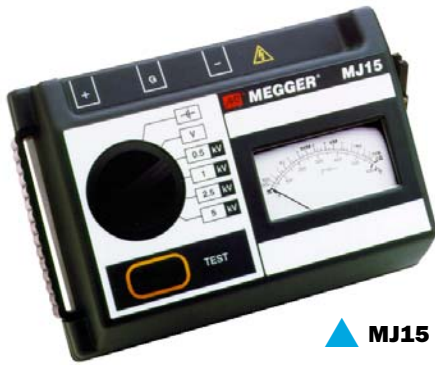


Megger® Insulation Resistance Testers



▲ MJ15

MJ15 and BM15

The BM15 and MJ15 are compact 5-kV insulation testers that are simple to use and provide a quick, accurate reading of insulation resistance. Both instruments offer four test voltages (500 V, 1 kV, 2.5 kV, 5 kV), analog scales and measurement sensitivity to 20 GΩ.

These models include “pass/fail” display overlays for a rapid “go/no go” testing and trend analysis.

The BM15 is powered by 8 “AA” or rechargeable alkaline batteries while the MJ15 includes a hand-crank generator in addition to battery power.

MIT515 and MIT525 5kV Testers

NEW

This new generation of insulation testers offers increased measurement range, better accuracy, longer battery life, additional functionality and improved safety features.

MIT515

A rugged, portable tester designed for years of trouble free operation:

- Three industry standard tests can be programmed and run automatically
 - Insulation resistance (IR)
 - Dielectric absorption (DAR)
 - Polarization index (PI)
- Resistance measurements to 10 TΩ with 5% accuracy up to 1 TΩ
- Voltage, capacitance & leakage current measurements
- Test voltage can be set in 10 V increments from 50 V to 1 kV, and in 25 V increments above 1 kV
- Timer control, timer display and alarm limit modes
- Test lockout when an external voltage is present, for redundant safety
- Dual operation from AC line or rechargeable batteries



▲ MIT515

MIT525

All the features of the MIT515 plus expanded capabilities to afford the skilled operator more flexibility in analyzing and reporting the condition of capital equipment:

- Ramp test, auto step voltage (SV) test, auto dielectric discharge (DD) test
- Advanced memory functions with recall to screen, real time clock, time/date stamped results and data downloaded via RS232 or USB ports
- Includes PowerDB Lite software for documenting test results

MIT1025 10kV Insulation Tester

NEW

Same features and functions as the MIT525, but with 10kV maximum output:

- Test voltage range from 50 V to 10 kV, in 10 V increments to 1 kV and 25 V increments above 1 kV
- Increased measurement range to 20 TΩ, for testing the best insulating materials
- Automatic performance of standardized tests, including Step Voltage, Dielectric Absorption Ratio and Dielectric Discharge
- Capacitance measurements from 1 nF to 25 μF, providing additional equipment diagnostic information
- RS232 & USB ports for downloading test results
- A 'quick start' guide in the lid to make field operation simple and user-friendly



▲ MIT1025

IEEE43:2000 "IEEE Recommended Practices for Testing Insulation Resistance of Rotating Machinery" recommends testing machines rated above 12kV at 10kV.

The Polarisation Index test is performed on equipment and cables to assess the general condition of the insulation before applying potentially destructive test voltages.

The new MIT 5kV & 10kV models easily perform both these tests.

ORDERING INFORMATION

Catalog No.	Test Voltage (V dc)	Resistance
ME/MJ15	500	100 kΩ - 20GΩ
	1000	
ME/BM15	2500	10 kΩ - 10 TΩ
	5 kV	
ME/MIT515	250	10 kΩ - 10 TΩ
	500	
	1000	
	5 kV	
ME/MIT525	250	10 kΩ - 20 TΩ
	500	
	1000	
	2500	
ME/MIT1025	500	10 kΩ - 20 TΩ
	1000	
	2500	
	5 kV	
	10 kV	