

INSULATION RESISTANCE TEST EQUIPMENT

MAJOR MEGGER® INSULATION RESISTANCE TESTERS

“Major” Megger Insulation Resistance Testers are the recognized standard in the industry. The Major Meggers have proven so reliable and popular that they have been reintroduced, generation after generation, with circuitry upgraded to complement the familiar design.

True analog movement remains a popular feature, especially where diagnosis is involved. The trained eye can get much more than just a MΩ reading from an analog meter. Similarly, a guard terminal adds a valuable extra dimension when more than just pass/fail testing is desired. With commonly four test voltages, extra range to the resistance measurements, continuity and kΩ functions for proofing and troubleshooting, the Major Meggers address the widest range of applications and are the most general models.

General Purpose Models

Cat. No. 212159 — The most basic hand-cranked tester. Dating back to its initial version, this has the longest history and is the most popular model ever on the market. The dependability of this self-contained generator remains unchallenged.

Cat. No. 212359 — A dual source version, combining line operation and hand-crank, ease and dependability.

Cat. No. 212459 — Operates on convenient throwaway batteries,

Cat. No. 212559 — Battery rechargeable by internal charger and powered by 120 volt ac, 50/60 Hz line.

Cat. No. 212160 — A lower-voltage, lower-range version of the 212159. With a 50 V output selection, it is the model of choice for testing sensitive equipment, subassemblies, and components.

Digital Autoranging Model

For those who prefer digital, all the standard capabilities that have made the Major Megger series popular are in the Cat. No. 210600.

High-Resistance Model

For greater range (by a power of 10), AVO offers Cat. No. 210170. This is the instrument of choice where accurate readings of exceptionally high resistance values are preferred over pass/fail infinity readings. This capability makes this unit especially suited for long-term trending of new equipment where readings will commence from factory-fresh values.

Ordering Information for Major Megger® Insulation Resistance Testers

Model No.	Catalog No.	Test Voltage (Vdc)	Insulation Resistance	Resistance Range	Power Source	Display	
MJ160	212160	50, 100, 250, 500	0 — 1000 MΩ	0 — 5000 Ω	Hand-cranked	Analog	
MJ159	212159	100, 250, 500, 1000	0 — 2000 MΩ	0 — 5000 Ω	Hand-cranked	Analog	
MJ359	212359	100, 250, 500, 1000	0 — 2000 MΩ	0 — 5000 Ω	Hand-cranked or Line	Analog	
MJ459	212459	100, 250, 500, 1000	0 — 2000 MΩ	0 — 5000 Ω	Battery	Analog	
MJ559	212559	100, 250, 500, 1000	0 — 2000 MΩ	0 — 5000 Ω	Line or Rech. Batt.	Analog	
	210170	100 250 500 1000	0 — 2000 MΩ 0 — 5000 MΩ 0 — 10,000 MΩ 0 — 20,000 MΩ	0—5000 Ω	Hand-cranked	Analog	
	210600	100, 250, 500, 1000	0.10 — 1999 MΩ	0.01 — 1999 KΩ	Battery	Digital	