

Insulation Resistance Testers

Megger®

MJ Series

The MJ159 is the recognized industry standard, upgraded with modern circuitry. This analog meter allows the trained operator to determine much more from the needle movement than just a MΩ reading. Available in line, battery or hand cranked models.

Other features include:

- IR measurements to 2000MΩ
- Four test voltages to 1kV
- Guard terminal
- Continuity and kΩ functions for troubleshooting

MJ159 ▶



MIT400/2 Series

The MIT400/2 Series Insulation Testers offer outstanding performance and ease of use. Dual digital displays show test results and test voltage or current simultaneously. The hands free, autoranging continuity function ensures the accurate measurement of circuit conductors and bonding. An audible continuity alarm speeds testing. These models offer improved test voltage accuracy, plus:

- Insulation resistance measurements to 200GΩ; selectable test voltages to 1000V
- Backlit LCD with dual digital and analog arc displays
- Leakage current readout
- Live circuit detection & protection
- PI/DAR and Timer functions (except MIT400/2)
- IP54 & CAT IV 600V rating

The MIT series offers TRMS & DC Voltage measurements from 10mV to 600V. The MIT420/2 and MIT430/2 add capacitance (100pf to 10uF), and test result storage/recall. MIT430/2 has Bluetooth for wireless data transfer (including download software). All models except the MIT400/2 include frequency measurement (15-400Hz).

Every unit comes with carrying case, test leads, and battery. All models except the MIT400/2 also include a remote switch probe for "hands free" testing.

◀ **MIT410/2**



▶ **MIT310**



MIT300 Series

The new MIT300 Series features a large display and hands-free operation. The tough, rubber armored case is designed for rough handling and weatherproof to IP54. A rigid cover folds up to protect the front panel when not in use. Intelligent safety features include:

- Safety Interlock – prevents unsafe connection of test leads
- Safe contact detectors – the tester will remain safe and not be damaged if connected to a live circuit while on continuity setting.
- Live voltage warning – alerts when circuit voltage is >25V.
- Safety lockout – inhibits test when circuit voltage is >50V.
- Continuity check – prevents a continuity test on a live circuit.

Each model includes a 200mA continuity test function and continuity buzzer. All models except the MIT300 measure DCV & ACV (50/60Hz) to 600V. The MIT330 adds memory for storing 1000 test results and a USB interface. The MIT310A has an analog meter display for those who prefer a moving needle.

ORDERING INFORMATION

Catalog No.	Model No.	Test Voltage (V dc)	Insulation Resistance	Resistance Range	Display	Power Source
ME/212159	MJ159	100, 250, 500, 1000	0 to 2000 MΩ	0 to 5000 Ω	Analog	Hand-Cranked
ME/212359	MJ359	100, 250, 500, 1000	0 to 2000 MΩ	0 to 5000 Ω	Analog	Line or Hand-Crank
ME/MIT400/2	MIT400/2	250, 500, 1000	0.01 MΩ to 200 GΩ	0.01 Ω to 999 kΩ	Analog/ Dual Digital	Alkaline or Rechargeable NIMH Battery (6 x AA)
ME/MIT410/2	MIT410/2	50, 100, 250, 500, 1000	0.01 MΩ to 200 GΩ	0.01 Ω to 999 kΩ	Analog/ Dual Digital	
ME/MIT420/2	MIT420/2	50, 100, 250, 500, 1000, variable	0.01 MΩ to 200 GΩ	0.01 Ω to 999 kΩ	Analog/ Dual Digital	
ME/MIT430/2	MIT430/2	50, 100, 250, 500, 1000, variable	0.01 MΩ to 200 GΩ	0.01 Ω to 999 kΩ	Analog/ Dual Digital	
ME/MIT300	MIT300	250, 500	10 kΩ – 999 MΩ	-	Digital/Analog	Alkaline or Rechargeable NIMH Battery (8 x AA)
ME/MIT310	MIT310	250,	10kΩ –	-	Digital/Analog	
ME/MIT310A	MIT310A	500, 1000	999 MΩ	10 Ω – 2 kΩ	Analog	NICD/NIMH
ME/MIT320	MIT320	250,	10 kΩ – 999 MΩ	0.01 – 99.9 Ω	Digital/Analog	Battery
ME/MIT330	MIT330	500, 1000	with limit alarm	10 Ω – 999 kΩ	w/backlight	(8 x AA)