



5k/10kVDC Output Megohmmeters **EXTECH INSTRUMENTS** **Megger**

Extech—High-contrast OLED display with PI and DAR measurement. EnerSave limits test duration to save energy. Built-in heavy-duty carrying case with cover. Includes test leads.

Megger MIT 400 Series—Insulation testing, capacitance measurement, TRMS and DC voltage measurement, PI, and DAR. Analog arc and dual-digital display. Timer function, pass/fail limit alarms, test button, and auto power down. Silicone lead set with clips. 49AG75 has Bluetooth wireless data transfer and storage.

Megger 40D467—Automatically calculates PI and DAR. High noise immunity with specified guard terminal. 1000V protection between all terminals. Separate AC/DC voltage range with Hz. Locking/touchproof test leads and tough dual case.

Megger 40D468 and 40D469—Automatically calculate PI, DAR, DD, and stepped voltage (SV). With 1000V protection and high noise immunity with specified guard terminal. Store date/time/temperature-stamped results with software. Separate AC/DC voltage range with Hz. Locking/touchproof test leads, line supply, and dual case.

Megger 36MG30—Automatically performs PI, DAR tests. Separate AC/DC voltage range with Hz. Includes locking/touchproof test leads.

Megger 30KA05—Performs IR, timed IR, PI, DAR, DD, SV, and ramp test, with dedicated voltmeter function, high short circuit current, and high noise immunity. Stores results and data log for onscreen recall or transfer to PC. Double-insulated test leads. IP65 dust- and moisture-resistant dual case is fire-retardant.

Output Test Voltage	Insulation Resistance Range	Capacitance Range	Live Circuit Detection	Data Logging	Auto Ranging	Auto Power Off	Display	Power Source	Safety Rating	Mfr. Model	Item No.
Extech											
500 to 10,000V DC	800 kilohm to 500 gigohm	—	Yes	No	No	Yes	LCD	(8) C Batteries	CAT III 300V	MG500	21YE32
Megger											
50/100/250/500/1000V DC	0 to 200 gigohm	—	Yes	No	Yes	Yes	Backlit LCD	(6) AA Batteries	CAT IV 600V	MIT410/2	49AG73
50/100/250/500/1000V DC	0 to 200 gigohm	0.1 nF to 10 uF	Yes	1000 Data Points	Yes	Yes	Backlit LCD	(6) AA Batteries	CAT IV 600V	MIT430/2	49AG75
50 to 5000V DC	10 teraohm	10 to 25 uF	Yes	No	Yes	Yes	LCD	Line or Battery	IEC61326-1 CATIV 600V	MIT515	40D467
50 to 5000V DC	10 teraohm	10 to 25 uF	Yes	Yes	Yes	Yes	LCD	Line or Battery	IEC61326-1 CAT IV 600V	MIT525	40D468
50 to 10,000V DC	20 teraohm	10 to 25 uF	Yes	Yes	Yes	Yes	LCD	Line or Battery	IEC61326-1 CAT IV 600V	MIT1025	40D469
250/500/1000/2500/5000V DC	100k ohm to 1T ohm	—	Yes	No	Yes	Yes	Digital/Analog LCD	(8) AA Batteries	CAT III 600V	BM5200	36MG30
1000/15,000V DC	30T ohm	10 nF to 50 uF	Yes	Yes	Yes	Yes	Digital/Analog Backlit LCD	Line or Battery	CAT IV 1000V, IEC 61010-1	MIT1525	30KA05



Analog Megohmmeters

AEMC—Test voltages up to 1000V, 5000MΩ. Brushless alternator with solid-state rectifier, automatic discharge, folding crank, guard and ground terminal. Steady test voltage output across entire range. Designed for harsh environments; case seals out rain, water, and dust.

Extech—Fuse-protected meter with 3 test voltages, automatic discharge circuit, lock On, 1.3mA short

circuit current, and continuity and resistance testing. Includes test leads with alligator clips, carrying case, and batteries.

Megger—Feature automatic discharge and guard terminal. 3T841 is lightweight—only 2.25 lb.—with an impact-resistant housing. Safety check, AC voltage range. Use 3T843 for high-resistance insulation testing.

Simpson Electric—High-voltage (to 2000V) insulation tester features 8 test voltages, automatic discharge, AC/DC voltmeter, LED indicators, and lock On testing. Complete with test probes, permanently attached cables, 2 alligator clips, plug-in battery module, batteries, and carrying case.

Supco—Includes test leads with alligator clips and carrying case. Requires 2 C batteries (not included).

Description	Live Circuit Detection	Insulation Resistance Range	Display	Power Source	Auto Ranging	Safety Rating	Mfr. Model	Item No.
AEMC								
Hand Cranked Megohmmeter	0 to 600V AC/V DC	1 to 5000 megohm	Analog	Crank	Yes	CAT II 600V, CAT III 300V	6503	6YPR4
Extech								
Battery Operated Megohmmeter	0 to 600V AC	100/200/400 megohm	Analog	(6) AA Batteries	No	CAT III 1000V	380320	9XJ79
Megger								
Hand Cranked Megohmmeter	0 to 600V AC/V DC	2000 megohm	Analog	—	No	—	MJ159	3T841
Hand Cranked Megohmmeter	0 to 600V AC/V DC	2000/5000/10,000/20,000 megohm	Analog	—	No	—	210170	3T843
Simpson Electric								
Battery Operated Megohmmeter	0 to 2000V AC/V DC	10K to 1 teraohm	Analog	(6) D Batteries	No	—	12505	4CW99
Supco								
Line Powered Megohmmeter	—	20 to 1000 megohm	LED	—	No	—	M500	3T105



Compact Digital Insulation Tester

Troubleshooting tester has a wide measurement range (up to 1000V) and insulation resistance. Offers polarization index (PI), dielectric absorption ratio (DAR), 30V to 600VAC voltage, 10MΩ internal resistance test, low resistance (with zero function), and audible continuity. High voltage and overload indicators. Auto-discharge and voltage output warning functions. Backlit 2000-count dual display. 6" x 4" x 2.8", 1 1/2-lb. housing. Includes test leads, alligator clips, batteries, snap-on protective hard cover, and soft pouch.

Output Test Voltage	Insulation Resistance Range	Live Circuit Detection	Resistance Range	Display	Auto Power Off	Auto Ranging	Power Source	Safety Rating	Mfr. Model	Item No.
250/500/1000V DC	0 to 5G Ohms	0 to 600V AC	0 to 200 ohm	Backlit LCD	No	Yes	(6) AA Batteries	CAT III 600V	MG310	452A06