

MG300-MTK Motor & Drive Troubleshooting Kit



This Extech Electrical Troubleshooting Kit it includes three compact tools that are indispensable at a customer site from troubleshooting 3-phase motors and drives.



Kit Includes:

- MG300 — 13 Function, Wireless PC Interface, True RMS Multimeter/Insulation Tester
- 480403 — Motor Rotation and 3-Phase Tester checks phase sequence and indicates rotation direction of the motor to help insure correct wiring
- MA435T — 400A True RMS AC/DC Clamp Meter with built-in non-contact voltage detector and ideal for noisy or non-sinusoidal AC measurement
- 1.2" (30mm) jaw size for conductors up to 350MCM
- Exceptional Value Kit is supplied with test leads, 3 large color-coded alligator clips, Type K thermocouple bead wire probe, batteries, and attractive storage case that provides protection and organization for the meters and accessories

MG300 Specifications	Range	Max Resolution
Insulation Resistance	4M Ω , 40M Ω , 400M Ω , 4000M Ω	0.001M Ω
Insulation Test Voltages	125V, 250V, 500V, 1000V	
AC/DC Voltage	1000V	0.1mV AC/ 0.01mV DC
AC/DC Current	10A	0.1 μ A AC/ 0.01 μ A DC
Resistance	40M Ω	0.01 Ω
Capacitance	40mF	0.001nF
Frequency	100MHZ	0.001HZ
Duty Cycle	0.1 to 99.9%	0.01
Temperature	-58 to 2192°F (-50 to 1200°C)	0.1°
4-20mA%	-25 to 125%	0.01%
Continuity/Diode	Yes	

Specifications	MA435T Range (Max Resolution)
AC Current	400A (0.01A) True RMS
DC Current	400A (0.01A)
AC Voltage	600V (0.1mV) True RMS
DC Voltage	600V (0.1mV)
Resistance	20M Ω (0.1 Ω)
Frequency	10Hz to 10kHz (0.01Hz)
Capacitance	100 μ F (0.01nF)
Temperature	-4 to 1400°F / -20 to 760°C (0.1°)
Continuity / Diode	Yes

Ordering

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