

## 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	4MΩ, 40MΩ, 400MΩ, 4000MΩ	0.001MΩ
Insulation Test Voltages	125V, 250V, 500V, 1000V	
AC/DC Voltage	1000V	0.1mV AC/ 0.01mV DC
AC/DC Current	10A	0.1μA AC/ 0.01μA DC
Resistance	40MΩ	0.01Ω
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	20MΩ (0.1Ω)
Frequency	10Hz to 10kHz (0.01Hz)
Capacitance	100μF (0.01nF)
Temperature	-4 to 1400°F / -20 to 760°C (0.1°)
Continuity / Diode	Yes

### Ordering

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