

## 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 or MG302 — 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/MG302 Specifications	Range	Max Resolution
Wireless frequency	915MHz (MG300); 433MHz (MG302)	
Insulation Resistance	4M $\Omega$ , 40M $\Omega$ , 400M $\Omega$ , 4000M $\Omega$	0.001M $\Omega$
Insulation Test Voltages	125V, 250V, 500V, 1000V	
AC/DC Voltage	1000V	0.1mV AC/ 0.01mV DC
AC/DC Current	10A	0.1 $\mu$ A AC/ 0.01 $\mu$ A DC
Resistance	40M $\Omega$	0.01 $\Omega$
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	

MA435T Specifications	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 $\Omega$ (0.1 $\Omega$ )
Frequency	10Hz to 10kHz (0.01Hz)
Capacitance	100 $\mu$ F (0.01nF)
Temperature	-4 to 1400°F / -20 to 760°C (0.1°)
Continuity / Diode	Yes

### Ordering

MG300-MTK ..... Motor and Drive Troubleshooting Kit (includes MG300)  
 MG302-MTK ..... Motor and Drive Troubleshooting Kit (includes MG302)

