

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 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 | |

| 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 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

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

