

## 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

MG300-MTK..... Motor and Drive Troubleshooting Kit

