

MG300-ETK Electrical Troubleshooting Kit



This Extech Electrical Troubleshooting Kit includes three compact tools that are indispensable at a customer site for electrical installation, troubleshooting, and repair.



Kit Includes:

- MG300 or MG302 — 13 Function, Wireless PC Interface, True RMS Multimeter/Insulation Tester
- 42509 — 12:1 Infrared Thermometer with high/low alarm and fast 2-color display for processes that require temperature control and monitoring; measures from -4 to 950°F (-20 to 510°C)
- MA430T — 400A True RMS AC 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, 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 | 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 | |

| MA430T Specifications | Range (Max Resolution) |
|-----------------------|------------------------|
| AC Current | 400A (0.01A) True RMS |
| AC Voltage | 600V (0.1mV) True RMS |
| DC Voltage | 600V (0.1mV) |
| Resistance | 20MΩ (0.1Ω) |
| Continuity / Diode | Yes |

Ordering

MG300-ETK Electrical Troubleshooting Kit (includes MG300)
 MG302-ETK Electrical Troubleshooting Kit (includes MG302)

