

600A True RMS Clamp Meters + NCV

Integrated Non-Contact Voltage Detector

To quickly check for the presence of live wires before testing plus True RMS and 60A and 600A current ranges

Features:

- True RMS for accurate readings of non-sinusoidal waveforms
- Built-in non-contact Voltage detector with LED alert
- 1.5" (40mm) jaw size for conductors up to 500MCM
- 6000 count, backlit LCD display
- Includes Multimeter functions
- **Model MA640** measures DC Current
- Relative Mode for Capacitance Zero and Offset Adjustment
- Data Hold, MIN/MAX, and Auto Power Off
- Complete with test leads, general purpose Type K bead wire temperature probe, 9V battery and carrying case



Model MA620

Model MA640



Built-in non-contact Voltage detector with LED alert



Optional MA620-K Industrial MultiMeter/Clamp Meter Test Kit or MA640-K Phase Rotation/Clamp Meter Test Kit. See Kit datasheets for more information.

| Specifications | Range | Max. Resolution | Basic Accuracy (% readings+digits) |
|-------------------------|--|-----------------|------------------------------------|
| Display counts | 6000 | | |
| AC Current (True RMS) | 60.00A, 600.0A | 0.01A | ±(2.8% + 8d) |
| DC Current (MA640 only) | 60.00A, 600.0A | 0.01A | ±(2.8% + 8d) |
| AC Voltage (True RMS) | 6.000V, 60.00V, 600.0V | 0.001V | ±(1.8% + 8d) |
| DC Voltage | 600.0mV, 6.000V, 60.00V, 600.0V | 0.1mV | ±(1.5% + 2d) |
| Resistance | 600.0kΩ, 6.000kΩ, 60.00kΩ, 600.0kΩ, 6.000MΩ, 60.00MΩ | 0.1Ω | ±(1.0% + 4d) |
| Frequency | 10Hz to 10kHz | 0.01nF | ±(3.0% + 5d) |
| Capacitance | 40.00nF, 400.0nF, 4.000μF, 40.00μF, 400.0μF, 4000μF | 0.01nF | ±(3.0% + 5d) |
| Temperature | -4 to 1400°F (-20 to 760°C) | 0.1° | ±(3% + 9°F/5°C) |
| Duty Cycle | 0.5 to 99.0% | 0.1% | ±(1.2% + 2d) |
| Diode | Yes | | |
| Continuity | Yes | | |
| Dimensions | 9.1x3x1.5" (232x77x39mm) | | |
| Weight | 9.6oz (271g) | | |

Ordering Information:

- MA620.....600A True RMS AC Clamp Meter + NCV
 MA620-NIST600A True RMS AC Clamp Meter + NCV w/ Calibration Traceable to NIST
 MA640.....600A True RMS AC/DC Clamp Meter + NCV
 MA640-NIST600A True RMS AC/DC Clamp Meter + NCV w/ Calibration Traceable to NIST

