

## 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              | 600.0Ω, 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-NIST ....600A True RMS AC Clamp Meter + NCV w/ Calibration Traceable to NIST  
 MA640 .....600A True RMS AC/DC Clamp Meter + NCV  
 MA640-NIST ....600A True RMS AC/DC Clamp Meter + NCV w/ Calibration Traceable to NIST

