



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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## 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

