



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

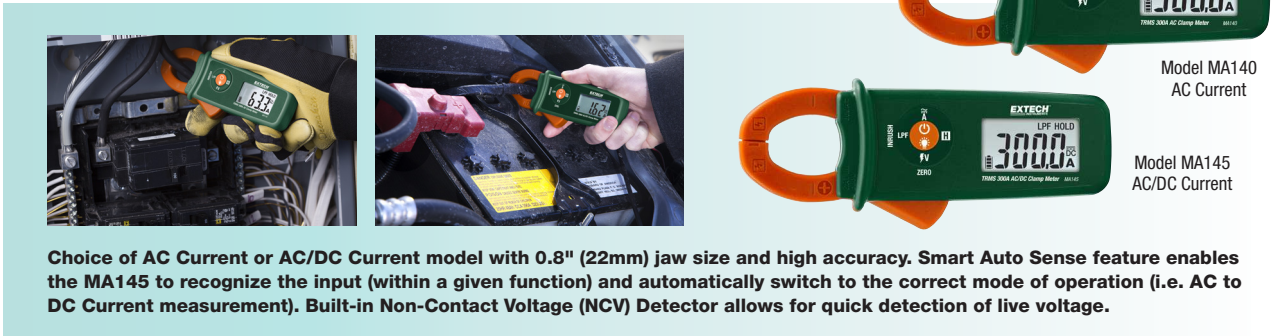
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## MA140/MA145 True RMS 300A Mini Clamp Meters + NCV



**Choice of AC Current or AC/DC Current model with 0.8" (22mm) jaw size and high accuracy. Smart Auto Sense feature enables the MA145 to recognize the input (within a given function) and automatically switch to the correct mode of operation (i.e. AC to DC Current measurement). Built-in Non-Contact Voltage (NCV) Detector allows for quick detection of live voltage.**

### Features

- True RMS for accurate readings of noisy, distorted or non-sinusoidal waveforms
- **Model MA140** — AC Current  
**Model MA145** — AC/DC Current and Zero function for accurate DC measurements
- Compact 0.8" (22mm) jaw size accommodates conductors up to 300MCM and allows measurements in tight locations
- Unique Smart Auto Sense feature
- Low Pass Filter (LPF) for accurate measurement of variable frequency drive signals
- Built-in Non-Contact Voltage (NCV) detector
- Inrush current measurement
- 6000 count backlit LCD display
- Smart Data Hold: Audiovisual alert when a new reading exceeds 50 digits of a held reading
- Low battery indicator and Auto Power Off feature
- CAT III-600V safety rating
- Complete with carrying case and two LR44 batteries

Specifications	MA140	MA145
AC Current (max resolution)	60A, 300A (0.01A)	60A, 300A (0.01A)
DC Current (max resolution)	—	60A, 300A (0.01A)
Basic accuracy	±2.0%	AC: ±1.5%, DC: ±1.5%
Non-Contact Voltage (NCV)	80 to 600V	80 to 600V
Dimensions	5.8x2.4x1.2" (147x60x31mm)	5.8x2.4x1.2" (147x60x31mm)
Weight	4.9oz (140g)	4.9oz (140g)

### Ordering

MA140 **N** ..... True RMS 300A AC Mini Clamp Meter+NCV  
 MA145 **N** ..... True RMS 300A AC/DC Mini Clamp Meter+NCV

**N** Indicates products that are available with optional calibration traceable to NIST. Order with -NIST after part number for product plus Calibration Certificate.



MA140 UPC Code: 793950371404  
 MA145 UPC Code: 793950371459