

## MA440 Series 400A Clamp Meters + NCV



Three models to choose from, with or without True RMS and AC or AC/DC Current functions. Choose True RMS model for accurate readings of non-sinusoidal waveforms, model with DC Current function for automotive applications, or model with Type K function when applications require Temperature measurements. The MA440 Series meters are fully loaded with multimeter functions and built-in non-contact voltage (NCV) detector to meet your application needs!



### Common Features

- 1.2" (30mm) jaw size fit conductors up to 500MCM
- Built-in Non-Contact Voltage (NCV) detector
- MultiMeter functions include Resistance, Capacitance and Frequency
- Relative Mode for Capacitance
- Data Hold freezes reading on display
- Auto Power Off with disable and Low Battery indication
- Large backlit LCD display
- Complete with test leads, three AAA batteries, and pouch; MA443 and MA445 also includes a general purpose Type K Temperature probe\*

\* General purpose Type K probe included does not measure full range of meter capability. Specifications on next page.

### Features

- **Model MA440** (9 Functions)
  - AC Current
- **Model MA443** (10 Functions)
  - True RMS
  - AC Current
  - Type K Temperature
  - Built-in bright flashlight
  - Max/Min
- **Model MA445** (11 Functions)
  - True RMS
  - AC/DC Current
  - Type K Temperature
  - DC Zero function
  - Built-in bright flashlight
  - Max/Min

### Ordering

MA440 **N** ..... 400A AC Clamp Meter  
 MA443 **N** ..... True RMS 400A AC Clamp Meter  
 MA445 **N** ..... True RMS 400A AC/DC Clamp Meter

**N** Indicates products that are available with optional calibration traceable to NIST. Order with -NIST after part number.



MA440 UPC Code: 793950374405  
 MA443 UPC Code: 793950374436  
 MA445 UPC Code: 793950374450

| Specifications                     | MA440 (Max. Resolution)         | MA443 (Max. Resolution)            | MA445 (Max. Resolution)            |
|------------------------------------|---------------------------------|------------------------------------|------------------------------------|
| AC Current                         | 400.0A (1mA)                    | 400.0A (1mA) True RMS              | 400.0A (10mA) True RMS             |
| DC Current                         | —                               | —                                  | 400.0A (10mA)                      |
| Basic Current Accuracy             | AC: $\pm 2.0\%$                 | AC: $\pm 1.8\%$                    | AC: $\pm 2.5\%$ , DC: $\pm 2.0\%$  |
| DC Voltage                         | 600V (0.1mV)                    | 600V (0.1mV) True RMS              | 600V (0.1mV) True RMS              |
| AC Voltage                         | 600V (1mV)                      | 600V (1mV)                         | 600V (1mV)                         |
| Basic Voltage Accuracy             | AC: $\pm 1.2\%$ DC: $\pm 0.8\%$ | AC: $\pm 1.2\%$ DC: $\pm 0.8\%$    | AC: $\pm 1.2\%$ DC: $\pm 0.8\%$    |
| Non-Contact Voltage (NCV)          | 100 to 600V                     | 100 to 600V                        | 100 to 600V                        |
| Resistance                         | 40M $\Omega$ (0.1 $\Omega$ )    | 40M $\Omega$ (0.1 $\Omega$ )       | 40M $\Omega$ (0.1 $\Omega$ )       |
| Capacitance                        | 100 $\mu$ F (0.01nF)            | 40mF (0.01nF)                      | 40mF (0.01nF)                      |
| Frequency                          | 1MHz (0.01Hz)                   | 1MHz (0.01Hz)                      | 1MHz (0.01Hz)                      |
| Temperature (Type K - meter range) | —                               | -40° to 1832°F/-40° to 1000°C (1°) | -40° to 1832°F/-40° to 1000°C (1°) |
| Duty Cycle                         | Yes                             | Yes                                | Yes                                |
| Diode/Continuity                   | Yes                             | Yes                                | Yes                                |
| Dimensions                         | 9x3x1.6" (228x77x41mm)          | 9x3x1.6" (228x77x41mm)             | 9x3x1.6" (228x77x41mm)             |
| Weight                             | 9.3oz (265g)                    | 9.3oz (265g)                       | 9.3oz (265g)                       |

Distributed by:  
**testoon** COM  
 The measurement website

99 rue Beranger 92320 Chatillon - France

Tel. : +33 (0) 1 71 16 17 00

E-mail: [contact@testoon.com](mailto:contact@testoon.com)

[www.testoon.com](http://www.testoon.com)