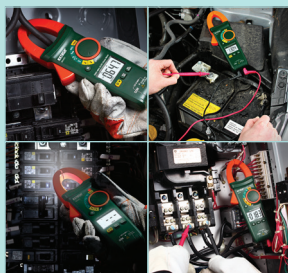


PRODUCT DATASHEET

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 pocket-sized meters are fully loaded with multimeter functions and built-in non-contact voltage (NCV) detector to meet your application needs!



Common Features

- Pocket-sized meters with 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 Ω (0.1 Ω)	40M Ω (0.1 Ω)	40M Ω (0.1 Ω)
Capacitance	100 μ 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)



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