

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 Temperture 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 12 400A AC Clamp Meter MA443 12 True RMS 400A AC Clamp Meter MA445 12 True RMS 400A AC/DC Clamp Meter 13 Indicates products that are available with optional calibration traceable to NIST. Order with -NIST after part number.



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MA440 (Max. Resolution)	MA443 (Max. Resolution)	MA445 (Max. Resolution)
400.0A (1mA)	400.0A (1mA) True RMS	400.0A (10mA) True RMS
-	_	400.0A (10mA)
AC: ±2.0%	AC: ±1.8%	AC: ±2.5%, DC: ±2.0%
600V (0.1mV)	600V (0.1mV) True RMS	600V (0.1mV) True RMS
600V (1mV)	600V (1mV)	600V (1mV)
AC: ±1.2% DC: ±0.8%	AC: ±1.2% DC: ±0.8%	AC: ±1.2% DC: ±0.8%
100 to 600V	100 to 600V	100 to 600V
40ΜΩ (0.1Ω)	40ΜΩ (0.1Ω)	40ΜΩ (0.1Ω)
100µF (0.01nF)	40mF (0.01nF)	40mF (0.01nF)
1MHz (0.01Hz)	1MHz (0.01Hz)	1MHz (0.01Hz)
-	-40° to 1832°F/-40° to 1000°C (1°)	-40° to 1832°F/-40° to 1000°C (1°)
Yes	Yes	Yes
Yes	Yes	Yes
9x3x1.6" (228x77x41mm)	9x3x1.6" (228x77x41mm)	9x3x1.6" (228x77x41mm)
9.3oz (265g)	9.3oz (265g)	9.3oz (265g)
	400.0A (1mA) AC: ±2.0% 600V (0.1mV) 600V (1mV) AC: ±1.2% DC: ±0.8% 100 to 600V 40MΩ (0.1Ω) 100μF (0.01nF) 1MHz (0.01Hz) Yes Yes 9x3x1.6" (228x77x41mm)	400.0A (1mA) 400.0A (1mA) True RMS - - AC: ±2.0% AC: ±1.8% 600V (0.1mV) 600V (0.1mV) True RMS 600V (1mV) 600V (1mV) AC: ±1.2% DC: ±0.8% AC: ±1.2% DC: ±0.8% 100 to 600V 100 to 600V 40MΩ (0.1Ω) 40MΩ (0.1Ω) 100µF (0.01nF) 40mF (0.01nF) 1MHz (0.01Hz) - - -40° to 1832°F/-40° to 1000°C (1°) Yes Yes Yes Yes 9x3x1.6" (228x77x41mm) 9x3x1.6" (228x77x41mm)