600 A True RMS Clamp Meters and Non-Contact Voltage

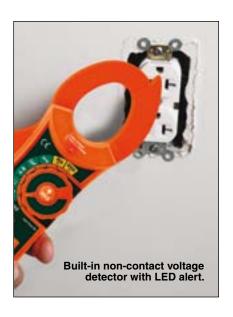


HHM-MA640



- ✓ True RMS for Accurate Readings of Non-Sinusoidal Waveforms
- Built-In Non-Contact Voltage Detector with LED Alert
- 40 mm (1.5") Jaw Size for Conductors up to 500 MCM
- ✓ 6000 Count, Backlit LCD
- ✓ Includes Multimeter Functions
- ✓ Measures DC Current
- Relative Mode for Capacitance Zero and Offset Adjustment
- ✓ Data Hold, Min/Max, and Auto Power Off

The HHM-MA640 is a true RMS clamp meter. This meter measures AC current, DC current, AC/DC voltage, resistance, capacitance, frequency, diode test, duty cycle and continuity. The molded case is designed for heavy duty use. The integrated non-contact voltage detector quickly checks for the presence of live wires before testing needs to be started.







Thermocouple Included!
All models include a free 900 mm (36") Type K insulated beaded wire thermocouple with subminiature connector and wire spool caddy.
Order a Spare! Model No. SC-GG-K-30-36

40 mm (1.5") jaw size for conductors up to 500MCM.



			Basic Accuracy
Specifications	Range	Max Resolution	(% readings+digits)
Clamp Jaw Opening	40 mm (1.5") approx.	_	_
Display Counts	6000 backlit LCD	_	_
Input Impedance	10M Ω (Vdc and Vac)	_	_
Measurement Rate	2 readings per second, nominal	_	_
AC Current Bandwidth	50/60 Hz	1	
AC Voltage Bandwidth	50 to 400 Hz	_	_
AC Response	True RMS (AAC and Vac)	-	1
Crest Factor	3.0 in 60A and 600A ranges,	_	_
	(50/60 Hz and 5 to 100% of range)	0.014	. (0.00/ . 04)
AC Current (True RMS)	60.00A, 600.0A	0.01A 0.01A	±(2.8% + 8d)
DC Current (MA640 only)			±(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	0.1 mV	±(1.5% + 2d)
Resistance	600.0 Ω , 6.000 K Ω , 60.00 K Ω , 600.0 K Ω , 600.0 K Ω , 6.000M Ω	0.1Ω	±(1.0% + 4d)
Frequency	10Hz to 10kHz	0.01nF	$\pm (3.0\% + 5d)$
Capacitance	40.00nF, 400.0nF, 4.000μF, 40.00μF,	0.01111	±(0.070 1 0d)
	400.0μF, 4000μF	0.01nF	±(3.0% + 5d)
Temperature	-20 to 760°C (-4 to 1400°F)	0.1°	±(3% + 9°F/5°C)
Thermocouple Sensor	Type K thermocouple required		,
Duty Cycle	0.5 to 99.0%	0.1%	±(1.2% + 2d)
Diode	Test current of 0.9 mA typical;		,
	Open circuit voltage 2.8 Vdc typical	_	_
Continuity	Threshold 60Ω; Test current < 0.35mA	_	_
Operating Temperature	5 to 40°C (41 to 104°F)	_	_
Storage Temperature	-20 to 60°C (-4 to 140°F)	_	_
Operating Humidity	Max 80% up to 31°C (87°F)		
	decreasing linearly to 50% at 40°C (104°F)		
Storage Humidity	<80%	-	
Operating Altitude	2000 m (7000') max	_	_
Dimensions	232 L x 77 W x 39 mm D (9.1 x 3 x 1.5")	<u> </u>	<u> </u>
Low Battery Indication	Battery symbol is displayed	<u> </u>	_
Over-Range Indication	'OL' display	<u> </u>	_
Auto Power OFF	After approx. 15 minutes, with disable	_	_
Weight	271 g (9.6 oz)	<u> </u>	_
Safety	For indoor use and in accordance with the requirements for double insulation to IEC1010-1 (2001): EN61010-1 (2001) Overvoltage Category III 600V and Category II 1000V, Pollution Degree 2	_	_

To Order Visit omega.com/hhm-ma640 for Pricing and Details	
Model No.	Description
HHM-MA640	600A True RMS AC/DC clamp meter with non-contact voltage

Comes complete with test leads, general purpose Type K bead wire temperature probe, 9V battery, carrying case and operator's manual. Ordering Example: HHM-MA640, 600A true RMS AC/DC clamp meter with non-contact voltage.