

# 1500A True RMS AC/DC Clamp Meter and Non-Contact Voltage

HHM-MA1500



- ✓ True RMS for Accurate Readings of Non-Sinusoidal Waveforms
- ✓ Built-In Non-Contact Voltage Detector with Led Alert
- ✓ 52 mm (2.0") Jaw Size for Conductors up to 500MCM
- ✓ Dual 40,000/4000 Count, Backlit LCD Display
- ✓ Includes Multimeter Functions
- ✓ Inrush Function Captures Transients During Motor Startups
- ✓ Relative Mode for Capacitance Zero and Offset Adjustment
- ✓ Data Hold, Peak Hold, Min/Max, and Auto Power Off

The HHM-MA1500 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.



52 mm (2.0") jaw size for conductors up to 500MCM.



Test leads included for multimeter functions.



HHM-MA1500 shown smaller than actual size.



Specifications	Range	Max. Resolution (%readings+digits)	Basic Accuracy
Clamp Jaw Opening	52 mm (2.0") approx.	—	—
Display Counts	Dual 40,000/4000 count backlit LCD	—	—
Measurement Rate	2 readings per second, nominal	—	—
Peak Detector	>1ms	—	—
Input Impedance	10M $\Omega$ (Vdc and Vac)	—	—
AC Bandwidth	50 to 400 Hz (AAC and Vac)	—	—
AC Response	True RMS (AAC and Vac)	—	—
Crest Factor	3.0 in 400A range, 1.4 in 1000A range (50/60 Hz and 5% to 100% of Range)	—	—
AC Current (True RMS)	400.00A, 1500.0A	0.01A	$\pm(2.8\%+30d)$
DC Current	400.00A, 1500.0A	0.01A	$\pm(2.5\%+30d)$
AC Voltage (True RMS)	400.00 mV, 4.000V, 40.00V, 750.0V	0.01mV	$\pm(1.0\%+30d)$
DC Voltage	400.00 mV, 4.0000V, 40.000V, 1000.0V	0.01mV	$\pm(0.1\%+4d)$
Resistance	400.00 $\Omega$ , 4.0000 k $\Omega$ , 40.000 k $\Omega$ , 400.00 k $\Omega$ , 4.0000 M $\Omega$ , 40.000M $\Omega$	0.01 $\Omega$	$\pm(0.5\%+9d)$
Frequency	40 Hz to 40 MHz	0.001Hz	$\pm(0.3\%+2d)$
Capacitance	400.00nF, 4000nF, 40.00 $\mu$ F, 400.0 $\mu$ F, 4.000mF, 20.00mF, 40.00mF	0.01nF	$\pm(3.5\%+10d)$
Temperature	-100 to 1000°C (-148 to 1832°F)	0.1°	$\pm(1\%+4.5^\circ\text{F}/2.5^\circ\text{C})$
Thermocouple Sensor	Type K thermocouple required	—	—
Duty Cycle	10.0 to 95.0%	0.1%	$\pm(1.0\%+2d)$
Diode	Test current of 0.3mA typical; Open circuit voltage 2.8 Vdc typical	—	—
Continuity	Threshold 25 to 60 $\Omega$ ; Test current < 0.5mA	—	—
Power	9V battery (included)	—	—
Low Battery Indication	Battery symbol is displayed	—	—
Over-Range Indication	'OL' display	—	—
Auto Power Off	After approx. 30 minutes	—	—
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	294 x 105 x 47 mm (11.57 x 4.13 x 1.85")	—	—
Weight	536 g (18.9 oz)	—	—
Safety	For indoor use and in accordance with the requirements for double insulation to IEC1010-1 (2001): EN61010-1 (2001) Overvoltage Category IV 600V and Category III 1000V, Pollution Degree 2	—	—

## To Order

Model No.	Description
HHM-MA1500	1500A true RMS AC/DC clamp meter with non-contact voltage

Comes complete with test leads, Type K bead wire temperature probe, 9V battery, carrying case and operator's manual.

Ordering Example: HHM-MA1500, 1500A true RMS AC/DC clamp meter with non-contact voltage.