

400A AC and AC/DC Clamp Meters

Choice of AC Current or AC/DC Current model to meet your application needs

Compact size, autoranging 400A clamp with high accuracy for current measurements

Features:

- Compact size allows measurements in tight locations
- High accuracy for Current measurements
- Autoranging with Auto Power Off
- 0.9" (23mm) jaw size accommodates conductors up to 300MCM
- Continuity beeper and Diode test
- Data Hold freezes current reading on display
- Overload protection for all ranges
- Overrange and low battery indicators
- Complete with test leads, case, and two AAA batteries

MA200 Features:

- 400A AC Current
- 2000 count LCD display
- Max Hold

MA220 Features:

- 400A AC/DC Current
- 4000 count LCD display
- One touch "Auto Zero"
- Functions include Capacitance, Frequency, Temperature, and Duty Cycle (MA220)
- Includes general purpose Type K bead wire temperature probe



MA200

MA220

Specifications	MA200 (Max. Resolution)	MA220 (Max. Resolution)
AC Current	2, 20, 200, 400A (0.001A)	40, 400A (0.01A)
DC Current	—	40, 400A (0.01A)
Basic accuracy	±2.5%	AC: ±3%, DC: ±2.5%
DC Voltage	200mV, 2V, 20, 200V, 600V (0.1mV)	400mV, 4V, 40V, 400V, 600V (0.1mV)
AC Voltage	200mV, 2V, 20V, 200V, 600V (0.1mV)	400mV, 4V, 40V, 400V, 600V (0.1mV)
Basic accuracy	AC: ±1.5% DC: ±1.2%	AC: 2%, DC: ±1.5%
Resistance (Ω)	200, 2k, 20k, 200k, 2M, 20M (0.1Ω)	400, 4k, 40k, 400k, 4M, 40MΩ (0.1Ω)
Capacitance	—	40nF, 400nF, 4μF, 40μF, 100μF (0.01nF)
Frequency	—	5Hz, 50Hz, 500Hz, 5kHz, 150kHz (0.001Hz)
Temperature	—	-58 to 1830°F (-50 to 1000°C) (1°)
Duty Cycle	—	0.5 to 99.0% (0.1%)
Continuity	Beeper ≤30Ω	Beeper ≤30Ω
Dims/Wt.	7.9x2x1.4" (200x50x35mm)/ 7oz (200g)	7.9x2x1.4" (200x50x35mm)/ 7oz (200g)

Ordering Information:

MA200400A AC Current Clamp Meter
MA200-NIST400A AC Current Clamp Meter with Calibration Traceable to NIST.
MA220400A AC/DC Current Clamp Meter
MA220-NIST400A AC/DC Current Clamp Meter with Calibration Traceable to NIST.

