

MiniAmp™ Series

400A AC Clamp Meters for True rms or Average responding models

Features:

- 4000 count LCD display
- Measure AC/DC Voltage to 600V and Resistance to 40MΩ
- Wide range Capacitance and Frequency tests
- Basic 1.2% accuracy for DCV measurements
- Model MA420 with True rms Voltage and Current measurements
- Autoranging with AC Current, Data Hold and Auto Power Off functions
- Max Hold captures 30ms peaks
- Relative zero function
- Compact size allows measurements in tight locations
- 1.1" (28mm) jaw size accommodates conductors up to 4/0 AWG
- Fast Continuity Beeper and Diode test
- Overrange and Low Battery indicators
- Complete with CAT III test leads, four A76 button batteries and carrying case

Applications:

- HVAC installation and repair
- Plant maintenance
- Process control
- Electrical testing and repair



Additional Features Model MA400:

- Average responding



Additional Features Model MA420:

- True RMS responding

CAT III-300V,
CAT II-600V

Specifications	Range	Resolution	Accuracy
AC Current:	400A	0.01A	±(1.9%+5d)
DC Voltage:	600V	0.1mV	±(1.2%+3d)
AC Voltage:	600V	0.001V	±(1.5%+5d)
Resistance:	40MΩ	0.1Ω	±(1.0%+4d)
Capacitance:	4000μF	0.1nF	±(3.5%+6d)
Frequency:	5Hz to 50kHz	0.001Hz	±(0.5%+4d)
Diode Test:	0.5mA, <1.6V		
Continuity:	Beeper < 20 to 60Ω		
Power:	Four A76 button batteries		
Dimensions:	7.5x2.25x1.25" (190x63x32mm)		
Weight:	0.45lb (187g)		

Ordering Information:

MA400Autoranging 400A Mini Clamp with μA
 MA400-NIST.....Autoranging 400A Mini Clamp w/μA with NIST Certificate
 MA420Autoranging 400A True rms Mini Clamp
 MA420-NIST.....Autoranging 400A True rms Mini Clamp with NIST Certificate
 480172Line Separator 3-prong plug