

## MiniAmp™ Series

Dual display clamp-on multimeters plus Temperature and  $\mu$ A Current capabilities

### Features:

- 4000 count LCD display for clamp input and separate 4000 count display for multimeter test lead input
- Unique capability to observe AC Current and any other parameter simultaneously, including Amps+Volts (power), Amps+Ohms, Amps+Temperature
- Provides AC/DC  $\mu$ A measurements with high 0.1 $\mu$ A resolution — ideal for HVAC applications
- Measure AC/DC Voltage to 600V and Resistance to 40M $\Omega$
- Type K thermocouple temperature measurements
- Wide range Capacitance and Frequency tests
- Basic 0.5% accuracy for DCV measurements
- Autoranging with AC Current, Data Hold and Auto Power Off functions
- Max Hold captures 25ms peaks
- 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, two CR2032 button batteries, carrying case and temperature probe

### Applications:

- HVAC installation and repair
- Flame rod  $\mu$ A current measurements
- Plant maintenance
- Process control
- Electrical testing and repair



Specifications	Range	Resolution	Accuracy
AC Current:	400A	0.01A	$\pm(1.9\%+5d)$
AC/DC $\mu$ A:	2000 $\mu$ A	0.1 $\mu$ A	$\pm(2\%+8d)$
DC Voltage:	600V	0.1mV	$\pm(0.5\%+3d)$
AC Voltage:	600V	1mV	$\pm(1.5\%+5d)$
Resistance:	40M $\Omega$	0.1 $\Omega$	$\pm(0.6\%+4d)$
Capacitance:	3000 $\mu$ F	0.1nF	$\pm(3.5\%+6d)$
Frequency:	5Hz to 100kHz	0.001Hz	$\pm(0.5\%+4d)$
Temperature:	-4°F to 572°F (-20°C to 300°C)	1°F/°C	$\pm(2\%+6°F$ or $3°C)$
Diode Test:	0.25mA, <1.6V		
Continuity:	Beeper <10 to 120 $\Omega$		
Power:	Two CR2032 button batteries		
Dimensions/Weight:	0.45lb (187g)/ 7.5x2.25x1.25" (190x63x32mm)		

### Ordering Information:

- MA460+** .....MiniAmp™ Clamp Meter with Temperature &  $\mu$ A  
**MA460+ -NIST** ..MiniAmp™ Clamp w/ Temp. &  $\mu$ A w/ NIST Certificate  
**480172** .....Line Separator 3-prong plug