

PRODUCT DATA SHEET

Mini DC/AC Clamp Meters

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35 Vantage Point Drive // Rochester, NY 14624 // Call 1.800.800.5001

Common Features

- Three models provide high Accuracy and Resolution
- Large 4000 count LCD display with full function indication
- Fast 40 segment analog bargraph
- One touch "Auto Zero" for DCA measurements eliminates the need to turn a knob to zero adjust
- Data hold, Max/Min recall display
- 0.9" (23mm) clamp jaw opening
- Overload protection to 400A DC
- Dimensions/Wt: 7x1.8x1.3" (178x45x32mm)/8 oz. (225g)
- True RMS models recommended for measurements where distortion may otherwise cause inaccuracies
- Optional 3-prong AC Line Separator enables safe and easy measurements on power cables with molded plugs (splits hot conductor from neutral and ground)

200A Clamp DMM



- Precision Clamp-on meter measures Current down to 10mA, plus Autoranging Frequency, Voltage and Resistance
- Includes case, test leads, wrist strap and two AA batteries

Specifications:	Range	Resolution	Accuracy(%rdg + digits)	Overload
DC/AC Current	40A/200A	10mA/100mA	±(1.0% + 2d)	400A
DC Voltage	400V	0.1V	±(1.0% + 2d)	1000VDC
AC Voltage	400V	0.1V	±(1.5% + 4d) (50/60Hz)	800VAC
Resistance	400Ω	0.1 Ohm	±(1.5% + 2d)	600Vrms
Frequency	1000Hz	0.1-100Hz	Autorange	600Vrms

Ordering Information

380941.....200 Amp DC/AC Mini Clamp DMM
380941-NIST200 Amp DC/AC Mini Clamp DMM w/ NIST Certificate
480172.....AC Line Separator - 3 prong

True RMS Models

30A Clamp Meter



- True RMS AC current and voltage
- Measure low current with high resolution to 0.1mA AC or 1mA DC
- Auto power off
- Complete with case, test leads, wrist strap, and 2 AA batteries

Specifications

	Range	Resolution	Accuracy(%rdg+digits)	Overload Protection
DC Current	0-4A	1mA	±(1.5%+3d)	40A DC
	0-30A	10mA	±(1.5%+3d)	100A DC
AC Current (40Hz-1kHz)	0-400mA	0.1mA	±(1.5%+5d)@50/60Hz	40A AC
	0-4A	1mA	±(1.5%+5d)@50/60Hz	40A AC
	0-30A	10mA	±(2.0%+5d)@50/60Hz	100A AC
DC Voltage	0-400V	0.1V	±(1.0%+2d)	1000V DC
AC Voltage	0-600V	1V	±(2.0%+5d)	800V AC

Ordering Information

380942True RMS 30A Mini Clamp Meter
380942-NIST True RMS 30A Mini Clamp Meter w/NIST Certificate
480172AC Line Separator - 3 prong

400A Clamp Meter



- True RMS AC current
- Resolution to 1mA AC and 10mA DC
- Non-contact frequency measurements to 1000KHz (autoranging) — measure frequency passing through jaws
- Complete with wrist strap, carrying case and two AA batteries

Specifications:	Range	Resolution	Accuracy(%rdg + digits)
DCA	40A/400A	10mA/100mA	1.0% ±2d
ACA(True RMS)	4A/40A/100A/400A	1mA/10mA/100mA/100mA	1.5% ±3d
Frequency	1000KHz	0.01-100Hz	±0.5% ±2d

Ordering Information

380947True RMS DC/AC Mini Clamp Meter
380947-NIST ...True RMS DC/AC Mini Clamp Meter w/NIST Certificate
480172AC Line Separator - 3 prong

EXTECH
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