EXTECH INSTRUMENTS
A FLIR COMPANY

Experience the Extech Advantage

PRODUCT DATASHEET

Mini DC/AC Clamp Meters

Ideal for low current measurements

Extech's Mini Clamp Meters, with their high resolution, are the ideal tools for accurately measuring very low AC & DC currents. Smaller in size than traditional clamp meters, they easily fit into tight spaces.



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
- 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)



Measure current draw when conducting energy usage audits



Line separator eliminates the need to cut cords to expose wires



Specifications	30A Clamp Meter	200A Clamp DMM	400A Clamp DMM
AC Current:	0-30A	200A	—
Resolution	0.1mA	100mA	
Accuracy	±(2.0%+5d)@50/60Hz	±(1.0% +2d)	
DC Current:	0-30A	40A	—
Resolution	1mA	10mA	
Accuracy	—	±(1.0% +2d)	
AC Voltage:	0-400V	400V	—
Resolution	0.1V	0.1V	
Accuracy	±(2.0%+5d)	±(1.5% +4d) (50/60Hz)	
DC Voltage:	0-400V	400V	—
Resolution	0.1V	0.1V	
Accuracy	±(1.0%+2d)	±(1.0% +2d)	
DCA:	—	—	40A/400A
Resolution			10mA/100mA
Accuracy			1.0% ±2d
ACA (True RMS):	—	—	4A/40A/100A/400A
Resolution			1mA/10mA/100mA/100mA
Accuracy			1.5% ±3d
Resistance:	—	400Ω	—
Resolution		0.1 Ohm	
Accuracy		±(1.5% +2d)	
Frequency:	—	10kHz	10kHz
Resolution		0.01Hz	0.01-100Hz
Accuracy		±(0.5% +2d)	±0.5% ±2d
Dimensions:	7.2x2.5x1.4" (183x64x36mm)	7x1.75x1.25" (178x45x32mm)	7.2x2.5x1.4" (183x64x36mm)
Weight:	6.2 oz (190g)	6 oz (170g)	6.2 oz (190g)

Ordering Information

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

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

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

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