

# 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
- Measure current draw when conducting energy usage audits
- 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)



380942



380941



380947

| Specifications | 380942                     | 380941                     | 380947                     |
|----------------|----------------------------|----------------------------|----------------------------|
| True RMS       | True RMS                   | —                          | True RMS                   |
| AC Current:    | 30A                        | 200A                       | 4A/40A/100A/400A           |
| Resolution     | 0.1mA                      | 100mA                      | 1mA/10mA/100mA/100mA       |
| Accuracy       | ±(2.0%+5d)@50/60Hz         | ±(1.0% +2d)                | ±(1.5% +3d)                |
| DC Current:    | 30A                        | 40A                        | 40A/400A                   |
| Resolution     | 1mA                        | 10mA                       | 10mA/100mA                 |
| Accuracy       | —                          | ±(1.0% +2d)                | ±(1.0% +2d)                |
| AC Voltage:    | 400V                       | 400V                       | —                          |
| Resolution     | 0.1V                       | 0.1V                       | —                          |
| Accuracy       | ±(2.0%+5d)                 | ±(1.5% +4d) (50/60Hz)      | —                          |
| DC Voltage:    | 400V                       | 400V                       | —                          |
| Resolution     | 0.1V                       | 0.1V                       | —                          |
| Accuracy       | ±(1.0%+2d)                 | ±(1.0% +2d)                | —                          |
| Resistance:    | —                          | 400Ω                       | —                          |
| Resolution     | —                          | 0.1Ω                       | —                          |
| Accuracy       | —                          | ±(1.5% +2d)                | —                          |
| Frequency:     | —                          | 10kHz                      | 10kHz                      |
| Resolution     | —                          | 0.01Hz                     | 0.01Hz                     |
| 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** ....380942 with Certificate of Calibration Traceable to NIST  
 380941.....200 Amp DC/AC Mini Clamp DMM  
**380941-NIST** ....380941 with Certificate of Calibration Traceable to NIST  
 380947.....True RMS DC/AC Mini Clamp Meter  
**380947-NIST** ....380947 with Certificate of Calibration Traceable to NIST

### Accessories

- 480172.....AC Line Separator - 3 prong

