

# AC and AC/DC Clamp-on Ammeters

**Clamp-on meters include models with Temperature and True RMS measurements**  
With Peak Hold captures in-rush currents

## Common Features:

- Maximum AC current of 600A
- Measure AC Current, AC/DC Voltage and Resistance
- Data Hold "freezes" data in display
- 1.25" (33mm) circular jaw opening for large cables (350MCM)
- Audible Continuity beeper
- Auto power off
- Complete with test leads, 9V battery, and belt holster

## Model 38387

- AC current to 600A
- Large 2000 count LCD display

## Model 38389

- True RMS voltage and current measurements
- AC/DC current to 600A
- Large 4000 count LCD display
- Capacitance measurements
- Temperature measurements
- Includes temperature probe (-58 to 482°F/-50 to 250°C)



| Model        | 38387 (Max. Resolution)          | Basic Accuracy (%rdg+digits) | 38389 (Max. Resolution)                  | Basic Accuracy (%rdg+digits) |
|--------------|----------------------------------|------------------------------|------------------------------------------|------------------------------|
| AC Current:  | 200.0A, 600A (0.1A)              | ±(1.5% + 4d)                 | 400A, 600A (Trms) (100mA)                | ±(3.0% + 5d)                 |
| DC Current:  | —                                | —                            | 400A, 600A (100mA)                       | ±(2.5% + 3d)                 |
| DC Voltage:  | 600V (1V)                        | ±(1% + 1d)                   | 400mV, 4V, 40V, 400V, 600V (0.1mV)       | ±(0.5% + 2d)                 |
| AC Voltage:  | 600V (1V)                        | ±(1.5% + 4d)                 | 4V, 40V, 400V, 600V (Trms) (1mV)         | ±(0.8% + 3d)                 |
| Resistance:  | 2000Ω (1Ω)                       | ±(1% + 2d)                   | 400Ω, 4kΩ, 40kΩ, 400kΩ, 4MΩ, 40MΩ (0.1Ω) | ±(0.8% + 4d)                 |
| Capacitance: | —                                | —                            | 40nF, 400nF, 4μF, 40μF, 100μF (0.01nF)   | ±(3.5% + 5d)                 |
| Temperature: | —                                | —                            | -4 to 1400°F, -20 to 760°C (1°F/°C)      | ±(3.0% + 3°F/2°C)            |
| Continuity:  | Beeper ≤50Ω                      | —                            | Beeper ≤30Ω                              | —                            |
| Power:       | 9V battery                       | —                            | 9V battery                               | —                            |
| Dimensions:  | 3.1 x 8 x 1.6" (79 x 203 x 41mm) | —                            | 3.1 x 8 x 1.6" (79 x 203 x 41mm)         | —                            |
| Weight:      | 6.5oz (185g)                     | —                            | 6.5oz (185g)                             | —                            |

## Ordering Information:

38387 .....AC Clamp Meter  
38387-NIST.....AC Clamp Meter w/ NIST Certificate  
38389 .....True RMS AC/DC Clamp Meter  
38389-NIST.....True RMS AC/DC Clamp Meter w NIST Certificate  
480172 .....Line Separator

