

**304 3-1/2 Digit  
AC/DC Mini Clamp-On Meter**

- Measures AC/DC current to 1000A
- Manual ranging
- Measures Volts, Amps and Ohms
- 1.37" Jaw opening for cramped wiring locations
- Overload protection with indicator
- Data hold
- Fused input
- Meets IEC-1010 Category III 600V safety standards

**305, 307 3-3/4 Digit True RMS  
AC/DC Clamp-On Meter**

- Measures AC/DC current to 1000A
- True RMS AC Measurements
- Measures true power, apparent power and power factor (Model 307)
- Auto/Manual ranging
- Frequency counter
- 40 segment analog bar graph
- 2-1/4" Jaw opening
- Meets IEC-1010 Category III 600V Safety Standards

**SPECIFICATIONS****[ 304 ]****Volts DC**

Ranges: 200V  
 Best Resolution: 0.1V  
 Accuracy:  $\pm(0.8\% + 1d)$   
 Maximum Input: 500V DC or AC RMS

**Volts AC**

Ranges: 500V  
 Best Resolution: 0.1V  
 Accuracy:  $\pm(1.0\% + 3d)$ , 40Hz to 400Hz  
 Maximum Input: 500V DC or AC RMS

**Resistance**

Ranges: 200 $\Omega$   
 Best Resolution: 0.1 $\Omega$   
 Accuracy:  $\pm(1.2\% + 5d)$   
 Maximum Input: 400V or AC RMS

**DC/AC Current**

Ranges: 200 and 1000A  
 Best Resolution: 0.1A  
 Accuracy:  $\pm(1.2\% + 5d)$   
 Maximum Input: 1200A DC or AC RMS

**General Specifications**

Power: 9V battery  
 Size: 7.1" H  $\times$  1.9" W  $\times$  1.4" D  
 Weight: 20 oz  
 Accessories: Manual, Leads, Carrying case,  
 Line splitter (optional)

**[ 305,307 ]****Volts DC**

Ranges: 400mV, 4V, 40V, 400V, 600V  
 Best Resolution: 100 $\mu$ V  
 Accuracy:  $\pm(0.5\% \text{ Rgd} + 3d)$   
 Maximum Input: 1000V DC or 750V RMS  
 Input Impedance: 10M $\Omega$

**Volts AC**

Ranges: 4V, 40V, 400V, 600V  
 Accuracy:  $\pm(0.5\% \text{ Rgd} + 5d)$   
 Maximum Input: 750V RMS  
 Input Impedance: 10M $\Omega$

**Resistance**

Ranges: 400 $\Omega$ , 4K $\Omega$ , 40K $\Omega$ , 400K $\Omega$ , 4M $\Omega$ , 40M $\Omega$   
 Best Resolution: 0.1 $\Omega$   
 Accuracy:  $\pm(1.5\% + 5d)$   
 Maximum Input: 250V DC or AC RMS

**DC/AC Current**

Ranges: 400 and 1000A  
 Best Resolution: 0.1A  
 Accuracy:  $\pm(2.0\% \text{ Rgd} + 5d)$   
 Maximum Input: 1000A DC or AC RMS

**Continuity Buzzer**

Buzzer will sound < 40 $\Omega$  resistance

**Frequency**

Ranges: 100Hz, 1KHz, 10KHz, 100KHz, 1MHz  
 Best Resolution: 0.01Hz  
 Accuracy:  $\pm(0.2\% \text{ Rgd} + 2d)$   
 Maximum Input: 250V DC or AC RMS

**Power Measurement (Model 307)****True Power**

Range: 600KW  
 Resolution: 1W  
 Accuracy:  $\pm(2\% \text{ Rgd} + 2d)$   
 Maximum Input: 600V or 1000A, DC or AC RMS

**Apparent Power**

Range: 600KVA  
 Resolution: 1VA  
 Accuracy:  $\pm(2\% \text{ Rgd} + 2d)$   
 Maximum Input: 600V or 1000A, DC or AC RMS

**Power Factor**

Range: 0.03 to 1  
 Resolution: 0.01  
 Accuracy:  $\pm(2\% \text{ Rgd} + 2d)$   
 Maximum Input: 600V or 1000A DC or AC RMS

**General Specifications**

Operating Temperature: 0 to 40°C  
 at a relative humidity of 0 to 80% Rgd  
 Power: (Model 305) (2) 1.5V AAA batteries  
 (Model 307) 9V battery  
 Size:  
 (Model 305) 9.6" H  $\times$  3.4" W  $\times$  1.7" D  
 (Model 307) 10.7" H  $\times$  3.4" W  $\times$  1.7" D  
 Jaw Size: 2.25"  
 Weight:  
 (Model 305) 15 oz  
 (Model 307) 1.07 lbs  
 Accessories: Manual, Carrying case, Test leads, IR RS-232  
 Cable and Software (Model 307 only), Line splitter (optional)