

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



CE
304

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



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305



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307

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 400 Hz
Maximum Input: 500V DC or AC RMS

Resistance

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

DC/AC Current

Ranges: 200 and 1000 Amps
Best Resolution: 0.1A
Accuracy: $\pm (1.2\% + 5D)$
Maximum Input: 1200 Amps 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 μ V
Accuracy: $\pm (0.5\% \text{ Rdg} + 3D)$
Maximum Input: 1000V DC or 750V RMS
Input Impedance: 10M Ω

Volts AC

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

Resistance

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

DC/AC Current

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

Continuity Buzzer

Buzzer will sound $< 40\Omega$ resistance

Frequency

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

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

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

Apparent Power

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

Power Factor

Range: 0.03 to 1
Resolution: 0.01
Accuracy: $\pm (2\% \text{ Rdg} + 2D)$
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% Rdg
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)

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