

Meterman AC Clamp Meter

Part No. 01CMAC68

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AC68 Clamp Meter

Rugged True RMS ac clamp multimeter

- Measures non-linear load current
- True RMS reading
- Autoranging for frequency measurement
- Data Hold button, holds the display reading for all functions and ranges
- Measures frequency through jaws or test leads
- Low battery indicator
- DC current (Zero adjustment button)
- Peak Hold, converts and displays the peak value for ac volts and amps readings
- Carrying case included
- CAT II 600 V, CAT III 300 V rated



Specifications (at 23°C ± 5°C; < 80 % R.H. non-condensing)

Function	Range	Accuracy
Voltage		
DC Voltage	600 V	± (0.75 % rdg + 2 dgts)
Resolution	1 V in 600 V range	
Input Impedance	10 MΩ	
AC Voltage (40 to 450 Hz)	400 V, 600 V	± (1.2 % + 5 dgts)
Resolution	0.1 V in 400 V range	
Input Impedance	10 MΩ	
Current		
DC Current	400 A, 600 A	± (2 % rdg + 5 dgts)
Resolution	0.1 A in 400 A range	
AC Current (40 to 450 Hz)	400 A, 600 A	± (2 % rdg + 5 dgts)
Resolution	0.1 A in 400 A range	
Frequency (Hz)		
Current and Voltage	4 kHz, 20 kHz	± (0.5 % rdg + 5 dgts)
Resolution	1 Hz in 4 kHz range	
Sensitivity	5 A/1 V in 4 kHz range 5 A/5 V in 20 kHz range	
Resistance		
	4 kΩ	± (1.0 % rdg + 5 dgts)
Resolution	1 Ω in 4 kΩ range	
Open Circuit Volts	0.5 V dc	
Max Short Circuit Current	0.8 mA	
Diode Test		
Resolution	0.001 V	± (1.0 % rdg + 2 dgts)
Open Circuit Volts	3.2 V dc	
Max Short Circuit Current	0.8 mA	
Continuity		
Range Threshold	Tone at 40 Ω ± 15	
Open Circuit Volts	3.2 V dc	
Max Short Circuit Current	0.8 mA	
Peak Hold Measurement		
AC Voltage (40 to 450 Hz)	400 V, 600 V	± (1.5 % rdg + 10 dgts)
Resolution	0.1 V in 400 V range	
Input Impedance	10 MΩ	
AC Current (40 to 450 Hz)	400 V, 600 V	± (2.0 % rdg + 10 dgts)
Resolution	0.1 A in 400 A range	
Overload Protection		
Voltage	660 V rms	
Current	800 Amps	
Resistance	660 V rms	
Diode	660 V rms	