



CM-01

AC/DC Clamp Meter

UL

CE CAT III 300V, CAT II 600V

Features:

1. Accurate DC/AC digital clamp meter for current measurement.
2. **10mA** high resolution on **40A** DC/AC range.
3. One touch zero for DCA adjustment.
4. **23 mm** diameter jaw.
5. Large 3 3/4 digits LCD
6. Fast bargraph display (30 times/sec.) for transient observation.
7. Continuity and frequency measurements.
8. Max/Min and Data Hold functions.
9. **600V** overload protection for ohm measurement.
10. Easy single rotary switch for any function selection.
11. Ideal for works in crowded switch box or cable areas.

Electrical Specifications: (23°C ±5°C)

DC Current:

Range	Resolution	Accuracy	Overload Protection
40A	10mA	±1.0%±2dgts	DC 400A
0-150A	100mA	±1.0%±2dgts	
150-200A	100mA	±2.2%±2dgts	

AC Current:

Range	Resolution	Accuracy		Overload Protection
		50/60 Hz	40 – 1KHz	
40A	10mA	±1.0%±3dgts	±1.5%±4dgts	AC 400A
0-150A	100mA	±1.0%±3dgts	±1.5%±4dgts	
150-200A	100mA	±2.2%±3dgts	±2.5%±4dgts	

DC Voltage: (Input Impedance: 10MΩ)

Range	Resolution	Accuracy	Overload Protection
400V	0.1V	±1.0%±2dgts	DC 1000V

AC Voltage: (Input Impedance: 10M Ω)

Range	Resolution	Accuracy		Overload Protection
		50/60 Hz	40 – 1KHz	
400V	0.1V	$\pm 1.5\% \pm 2$ dgts	$\pm 2.0\% \pm 4$ dgts	AC 800V


Resistance (Ω) and Continuity: (open voltage 0.4V)

Range	Resolution	Accuracy	Beeping	Overload Protection
40-400 Ω	0.1 Ω	$\pm 1.0\% \pm 2$ dgts	< 40.0 Ω (approx.)	AC 600V

Frequency: (Auto range)

Range (Hz)	Resolution	Accuracy	Sensitivity	O.L Protection
1-100K	0.001 – 100	$\pm 0.5\% \pm 2$ dgts	10V	AC 600V

General Specifications:

Conductor Size:	23mm max. (approx.)
Dimension (Box):	183 (L) x 63.6 (W) x 35.6 (H) mm 7.2" (L) x 2.5" (W) x 1.4" (H)
Battery Type:	two 1.5V SUM-3
Display:	3 3/4 LCD with 40 seg. bargraph
Range Selection:	Manual
Overload Indication:	OL
Power Consumption:	17 mA (approx.)
Low Battery Indication:	
Sampling Time:	3 times/sec. (display) 30 times/sec. (bargraph)
Operating Temperature:	-10°C to 50°C
Operating Humidity:	less than 85% relative
Altitude:	up to 2000M
Storage Temperature:	-20°C to 60°C
Storage Humidity:	less than 75% relative
Weight:	190g (battery included)
Accessories:	Carrying bag x 1 Users manual x 1 1.5V battery x 2 Test leads x 1

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