



## CM-07

# AC/DC Clamp Meter

UL

CE CAT III 300V, CAT II 600V

### Features:

1. Accurate DC/AC digital clamp meter for **current** measurement.
2. **DC 10mA, AC 1mA** high resolution.
3. **True RMS** reading for sine wave, symmetrical square wave, and triangular wave etc.
4. Non-contact **frequency** measurements.
5. One touch zero for DCA adjustment.
6. **23 mm** diameter jaw.
7. Large 3 3/4 digits LCD.
8. Fast bargraph display (30 times/sec.) for transient observation.
9. Max/Min and Data Hold functions.
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
400A (0-150A)	100mA	±1.0%±2dgts	
400A (150-200A)	100mA	±2.2%±2dgts	
400A (200-400A)	100mA	±4.0%±2dgts	


#### Frequency: (auto range)

Range (Hz)	Resolution (Hz)	Accuracy	Sensitivity	Overload Protection
1 - 100K	0.001 – 100	±0.5%±2dgts	0.3A	AC 500A

**AC Current:** (True RMS, Crest Factor  $\leq 4$ )

Range	Resolution	Accuracy		Overload Protection
		50/60 Hz	40 – 1KHz	
4A (0-500mA)	1mA	$\pm 1.5\% \pm 7$ dgts	$\pm 2.0\% \pm 7$ dgts	AC 400A
4A (500mA-4A)	1mA	$\pm 1.5\% \pm 3$ dgts	$\pm 2.0\% \pm 4$ dgts	
40A	10mA	$\pm 1.5\% \pm 3$ dgts	$\pm 2.0\% \pm 4$ dgts	
100A (0-100A)	100mA	$\pm 1.5\% \pm 3$ dgts	$\pm 2.0\% \pm 4$ dgts	AC 500A
400A (100-200A)	100mA	$\pm 2.2\% \pm 3$ dgts	$\pm 2.5\% \pm 4$ dgts	
400A (200-400A)	100mA	$\pm 4.0\% \pm 3$ dgts	$\pm 5.0\% \pm 4$ dgts	

**General Specifications:**

Conductor Size:	23mm max. (approx.)
Dimension (Box):	183 (L) x 61.3 (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:	20 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

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