

PROVA CM-07+

AC/DC Clamp Meter (True RMS)

CE
IEC
61010

CAT II
600V

CAT III
300V



Features:

1. Accurate **AC/DC** digital clamp meter for **current** measurement.
2. **AC/DC 1mA** high resolution and **max. 600A** wide range.
3. **True RMS** 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 5/6 digits LCD.
8. **Fast bargraph** display (30 times/sec.) for transient observation.
9. Max/Min and Data Hold functions.
10. **Backlight**.
11. **Auto-Power-Off** (15 minutes).
12. Easy **single rotary switch** for any function selection.
13. Ideal for works in crowded switch box or cable areas.

Electrical Specifications: (23°C±5°C, Accuracy is % of reading±digits)

DC Current

Range	Resolution	Accuracy	Overload Protection
6A ¹	1mA	±1.0%±3dgts	AC 700A
60A (0A~40A)	10mA	±1.0%±3dgts	
60A (40A~50A)	10mA	±2.0%±3dgts	
60A (50A~60A)	10mA	±2.5%±3dgts	
600A	100mA	±1.0%±3dgts	

¹After measuring DC 600A, there will be about 700-digit residual magnetism when you measure 6A range (after pressing ZERO the measurement range will be 5.300A). To reduce the residual magnetism first please measure AC150A/60Hz, then the residual magnetism of DC 6A will become dozens-digit.

AC Current (True RMS, Crest Factor <= 3)

Range	Resolution	Accuracy		Overload Protection
		50/60 Hz	40 - 1KHz	
6A	1mA	±1.5%±3dgts	±2.0%±5dgts	AC 700A
60A (0A~40A)	10mA	±1.5%±3dgts	±2.0%±5dgts	
60A (40A~50A)	10mA	±2.5%±3dgts	±3.0%±5dgts	
60A (50A~60A)	10mA	±3.5%±3dgts	±4.0%±5dgts	
600A	100mA	±1.5%±3dgts	40 - 400Hz	
			±2.0%±5dgts	

Frequency (Auto range)

Range (Hz)	Resolution (Hz)	Accuracy	Sensitivity	Overload Protection
1 - 30K	0.001 - 10	±0.5%±2dgts	0.3A	AC 700A

Comparison of CM-07+ and CM-07

	CM-07+	CM-07
Min. DC resolution	1mA	10mA
Max. AC/DC range	600.0A	400.0A
Accuracy @ max. range	1.0% @ 600.0A	4% @ 400.0A
Manual ranges	DC 6A/60A/600A AC 6A/60A/600A	DC 40A/400A AC 4A/40A/100A/400A
AD counts	6000	4000
Backlight	Yes	No
Auto-Power-Off	Yes	No

General Specifications: Indoor Use

Conductor Size:	23mm max. (approx.)
Battery Type:	two 1.5V SUM-3
Display:	3 5/6 LCD with 60 seg. Bargraph
Range Selection:	manual
Overload Indication:	OL
Power Consumption:	19~28 mA (approx.)
Low battery Indication:	<input type="checkbox"/>
Sampling Time:	3 times/sec. (display) 30 times/sec. (bargraph)
Operating Temperature:	-10°C to 50°C
Operating Humidity:	less than 85% relative
Storage Temperature:	-20°C to 60°C
Storage Humidity:	less than 75% relative
Altitude	up to 2000M
Dimension:	183mm (L) x 61.3mm (W) x 35.6mm (H) 7.2" (L) x 2.5" (W) x 1.4" (H)
Weight:	190g (battery included)
Accessories:	Carrying bag x 1 Users manual x 1 1.5V battery x 2

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