

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. Easy single rotary switch for any function selection.
12. 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 | AC 700A |
| 60A (40A~50A) | 10mA | ±2.0%±3dgts | AC 700A |
| 60A (40A~60A) | 10mA | ±2.5%±3dgts | AC 700A |
| 600A | 100mA | ±1.0%±3dgts | AC 700A |

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 | AC 700A |
| 60A (40A~50A) | 10mA | ±2.5%±3dgts | ±3.0%±5dgts | AC 700A |
| 60A (40A~60A) | 10mA | ±3.5%±3dgts | ±4.0%±5dgts | AC 700A |
| 600A | 100mA | ±1.5%±3dgts | 40 - 400Hz | AC 700A |
| | | | ±2.0%±5dgts | |

Frequency (auto range)

| Range (Hz) | Resolution (Hz) | Accuracy | Sensitivity | Overload Protection |
|------------|-----------------|-------------|-------------|---------------------|
| 1 - 30K | 0.001 - 10 | ±0.5%±3dgts | 0.3A | AC 700A |

General Specifications:

Indoor Use

- Conductor Size:** 23mm max. (approx.)
- Battery Type:** two 1.5V SUM-3
- Display:** 3 5/6 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
- 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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