

PROVA 11+

AC/DC mA Clamp Meter (True RMS)

CE

IEC 61010

CAT II

600V

CAT III

300V



Features:

1. Accurate **DC/AC** digital clamp meter for **current** measurement.
2. High resolution: **DC 1mA, AC 0.1mA**.
3. One touch zero for DCA adjustment.
4. AC current/voltage measurement: **True RMS**.
5. **23mm** jaw diameter.
6. Large 3 5/6 digits LCD (6000 counts).
7. Fast bargraph display (30 times/sec.) for transient observation.
8. Max/Min and Data Hold functions.
9. Easy single rotary switch for any function selection.
10. Auto-power-off (15 min.) and Backlight.

Comparison of PROVA 11+ and PROVA 11:

| | PROVA 11+ | PROVA 11 |
|------------------|-------------------------|-------------------------|
| Max. range AC/DC | 60.00A | 30.00A |
| Manual DC ranges | 6000mA, 60.00A | 4000mA, 30.00A |
| Manual AC ranges | 600.0mA, 6000mA, 60.00A | 400.0mA, 4000mA, 30.00A |
| AD Counts | 6000 | 4000 |
| Accuracy (DC mA) | ±1.5%+3dpts | ±2.0%+3dpts |
| Accuracy (DC A) | ±1.0%+3dpts | ±2.0%+3dpts |
| DCV | 600.0V | 400.0V |
| ACV | 600.0V | 400.0V |
| Backlight | Yes | No |

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

DC Current

| Range | Resolution | Accuracy | Overload Protection |
|-------------|------------|-------------|---------------------|
| mA (0 - 6A) | 1mA | ±1.5%±3dpts | DC 60A |
| 60A | 10mA | ±1.0%±3dpts | DC 100A |

AC Current (True RMS, Crest Factor ≤ 3)

| Range | Resolution | Accuracy | | Overload Protection |
|--------------------|------------|-------------|-------------|---------------------|
| | | 50/60 Hz | 40 - 100Hz | |
| 600mA ¹ | 0.1mA | ±1.5%±5dpts | ±2.0%±5dpts | AC 60A |
| | | 50/60 Hz | 40 - 1KHz | |
| 6000mA | 1mA | ±1.5%±3dpts | ±2.0%±5dpts | AC 60A |
| 60A (0 - 20A) | 10mA | ±1.5%±3dpts | ±2.0%±5dpts | AC 100A |
| | | 50/60 Hz | 40 - 400Hz | |
| 60A (20 - 60A) | 10mA | ±1.5%±3dpts | ±2.0%±5dpts | AC 100A |

¹ At AC 600mA range: the LCD will still display residual readings of 3~4 digits (0.3mA ~ 0.4mA) when there is no current input.


DC Voltage (Input Impedance: 10MΩ)

| Range | Resolution | Accuracy | Overload Protection |
|-------|------------|-------------|---------------------|
| 600V | 0.1V | ±0.5%±2dpts | DC 1000V |

AC Voltage (Input Impedance: 10M Ω , True RMS, Crest Factor ≤ 3)

| Range | Resolution | Accuracy | | Overload Protection |
|-------|------------|------------------------------|------------------------------|---------------------|
| | | 50/60 Hz | 40 - 1KHz | |
| 600V | 0.1V | $\pm 1.0\% \pm 2\text{dgts}$ | $\pm 2.0\% \pm 2\text{dgts}$ | AC 800V |

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: | without backlight 24mA (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 |
| 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 Test leads x 1 set |

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