

# 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.

## Electrical Specifications:

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

### DC Current

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

### AC Current (True RMS, Crest Factor ≤ 3)

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

<sup>1</sup> 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%±2dgts	DC 1000V

### AC Voltage (Input Impedance: 10MΩ, True RMS, Crest Factor ≤ 3)

Range	Resolution	Accuracy		Overload Protection
		50/60 Hz	40 - 1KHz	
600V	0.1V	±1.0%±2dgts	±2.0%±2dgts	AC 800V

## General Specifications:

### Indoor Use

<b>Conductor Size:</b>	23mm max. (approx.)
<b>Battery Type:</b>	two 1.5V SUM-3
<b>Display:</b>	3 5/6 LCD with 60 seg. bargraph
<b>Range Selection:</b>	manual
<b>Overload Indication:</b>	OL
<b>Power Consumption:</b>	without backlight 24mA (approx.)
<b>Low battery Indication:</b>	
<b>Sampling Time:</b>	3 times/sec. (display) 30 times/sec. (bargraph)
<b>Operating Temperature:</b>	-10°C to 50°C
<b>Operating Humidity:</b>	less than 85% relative
<b>Altitude:</b>	up to 2000M
<b>Storage Temperature:</b>	-20°C to 60°C
<b>Storage Humidity:</b>	less than 75% relative
<b>Dimension:</b>	183mm (L) x 61.3mm (W) x 35.6mm (H) 7.2" (L) x 2.5" (W) x 1.4" (H)
<b>Weight:</b>	190g (battery included)
<b>Accessories:</b>	Carrying bag x 1 Users manual x 1 1.5V battery x 2 Test leads x 1 set

## PROVA INSTRUMENTS INC.

**Add:** 6F-2, No. 129, Lane 235, Pao-Chiao Road, Shin-Tien District,  
New Taipei City 23145, TAIWAN

**Tel:** 886-2-89191255

**E-mail:** [prova@ms3.hinet.net](mailto:prova@ms3.hinet.net)

**Fax:** 886-2-89191489

**Website:** [www.prova.com.tw](http://www.prova.com.tw)