

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%+3dgts	±2.0%+3dgts
Accuracy (DC A)	±1.0%+3dgts	±2.0%+3dgts
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%±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 ¹	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

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%±2dgts	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	$\pm 1.0\% \pm 2\text{dgs}$	$\pm 2.0\% \pm 2\text{dgs}$	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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