

TECPEL®

PROVA 11 Pro

AC/DC mA Clamp Meter (True RMS)

CE

IEC 61010

CAT II 600V

CAT III 300V

Dual Current Sensors Patents

Taiwan Patent No. M582592

China Patent No. CN209728026U

France Patent No. FR3092400

Germany Patent No. 20 2019 106 212

Japan Patent No. 3223244

USA Patent No. 10,788, 519



Features:

1. Super high resolution: **DC 1mA, AC 0.1mA.**
2. **DCA** max. **200.0A.**
3. **23mm** jaw diameter.
4. **One touch zero** for DCA adjustment.
5. **Auto-power-off** (15 min.) and **Backlight.**

6. **AC** current/voltage measurement: **True RMS**.
7. Accurate **DC/AC** digital clamp meter for **current** measurement.
8. **Large** 3 5/6 digits **LCD** (6000 counts).
9. **Fast bargraph** display (30 times/sec.) for transient observation.
10. **Max/Min** and Data **Hold** functions.
11. Easy single **rotary switch** for any function selection.

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
200A (0-140A)	100mA	±1.0%±3dgts	DC 400A
200A (140-200A)	100mA	±2.2%±3dgts	DC 400A

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: 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

Comparison of PROVA 11 Pro and PROVA 11:

	PROVA 11 Pro	PROVA 11
Max. range AC/DC	60.00A / 200.0A	30.00A
DC ranges	6000mA / 60.00A / 200.0A	4000mA / 30.00A
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

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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