

# PROVA®

## PROVA A9+ AC/DC True RMS Pocket Size Clamp Meter

*Clamp Marvel*  
*Min. resolution  $\approx 1\text{mA}$*   
*Max. range  $\approx 1000\text{A}$*



### Features

- Min. resolution AC/DC 1mA and max. current AC/DC 1000A
- Super wide range AC/DC 4.000A/40.00A/400.0A/1000A
- Best accuracy  $\pm 1.5\% \pm 3\text{dpts}$  for all ranges
- Accurate and solid AC/DC mini pocket-size clamp meter
- True RMS measurement
- One touch zero ( $\Delta$ ) for DCA adjustment
- 25 mm diameter jaws
- In-Rush Current Measurement with 100ms integration time
- Non-Contact Frequency Measurement (min. sensitivity 0.08 ACA)
- Low Pass Filter (LPF) at 1 KHz Cut-off Frequency
- Fast bar graph display (30 times/sec.) for transient observation
- Data Hold function
- Large 3 3/4 digits LCD
- 15 minutes auto-power-off with beeping warning before turning off
- Backlight with 5 minutes auto-backlight-off
- Easy single rotary switch for function selection
- Pocket size ideal for works in crowded switch box or cable areas



Taiwan Patent No. M582592  
Patents pending:  
USA, CHINA, JAPAN, GERMANY, and FRANCE

**CE**  
**IEC 61010**  
**CAT III 600V CAT IV 300V**

# PROVA A9+

## AC/DC True RMS

## Pocket Size Clamp Meter

### Specifications

(23°C ± 5°C, Accuracy is indicated as % of reading, and the conductor is placed at the center of jaws)

#### DC Current (% of reading)

Range	Resolution	Accuracy	Overload Protection
4A	1mA	±1.5%±3dgts	DC 1000A
40A	10mA		
400A	100mA		
0-900A (1000A)	1A	±2.0%±3dgts	
900-1000A (1000A)	1A		

#### AC Current

(True RMS, Crest Factor ≤ 3, % of reading)

Range	Resolution	Accuracy <sup>1</sup>		Overload Protection
		50/60 Hz	40 - 400Hz	
4A	1mA	±1.5%±3dgts	±2.0%±4dgts	AC 1000A
40A	10mA			
400A	100mA			
0-900A (1000A)	1A	±2.0%±3dgts	±2.5%±4dgts	
900-1000A (1000A)	1A			

<sup>1</sup>Add 2% when C.F. ≥ 2

#### Frequency

(Auto range, periodic and zero crossing signal)

Range	Range (Hz)	Resolution (Hz)	Sensitivity	Accuracy
4A	1 - 10	0.1	0.2A	±0.5%±2dgts
4A	10 - 4K	0.1/1	0.08A	
4A	4K - 40K	1/10	0.20A	
40A	1 - 10	0.1	1.5A	
40A	10 - 4K	0.1/1	0.8A	
400A	2 - 4K	0.1/1	4A	
1000A	1 - 4K	0.1/1	40A	

Overload protection all ranges AC 1000A

#### In-Rush Current

(AC, start from 0A, Integration Time 100ms)


Range	Trigger Current (threshold)
0-4A	0.2A
40A	2A
400A	20A
1000A	200A

#### AC Low Pass Filter

(LPF, Cut-off frequency (-3db) 1 KHz (approx.))

Range	Resolution	Accuracy (of reading, 50/60Hz)
4A	0.001A	3%±5dgts
40A	0.01A	
400A	0.1A	
0 - 900A (1000A)	1A	
900-1000A (1000A)	1A	4%±5dgts

#### General Specifications (Indoor Use)

<b>Conductor Size</b>	0.98" / 25mm max. (approx.)
<b>Battery Type</b>	two 1.5V LR03 AAA size
<b>Display</b>	3 3/4 LCD with 20 segments Bar-graph
<b>Range Selection</b>	manual
<b>Overload Indication</b>	OL
<b>Power Consumption</b>	22mA with backlight off (approx.)
<b>Low battery Indication</b>	
<b>Sampling Time</b>	3 times/sec. (digits) 30 times/sec. (bargraph)
<b>Operating Temperature</b>	-10°C to 50°C
<b>Operating Humidity</b>	less than 85% relative
<b>Storage Temperature</b>	-20°C to 60°C
<b>Storage Humidity</b>	less than 75% relative
<b>Altitude</b>	up to 2000M
<b>Dimension</b>	152mm (L) x 66mm (W) x 36mm (H) 6.0" (L) x 2.6" (W) x 1.4" (H)
<b>Weight</b>	190g (battery included)
<b>Accessories</b>	Carrying bag x 1 Users manual x 1 1.5V AAA battery x 2

\* Specifications are subject to change without notice.