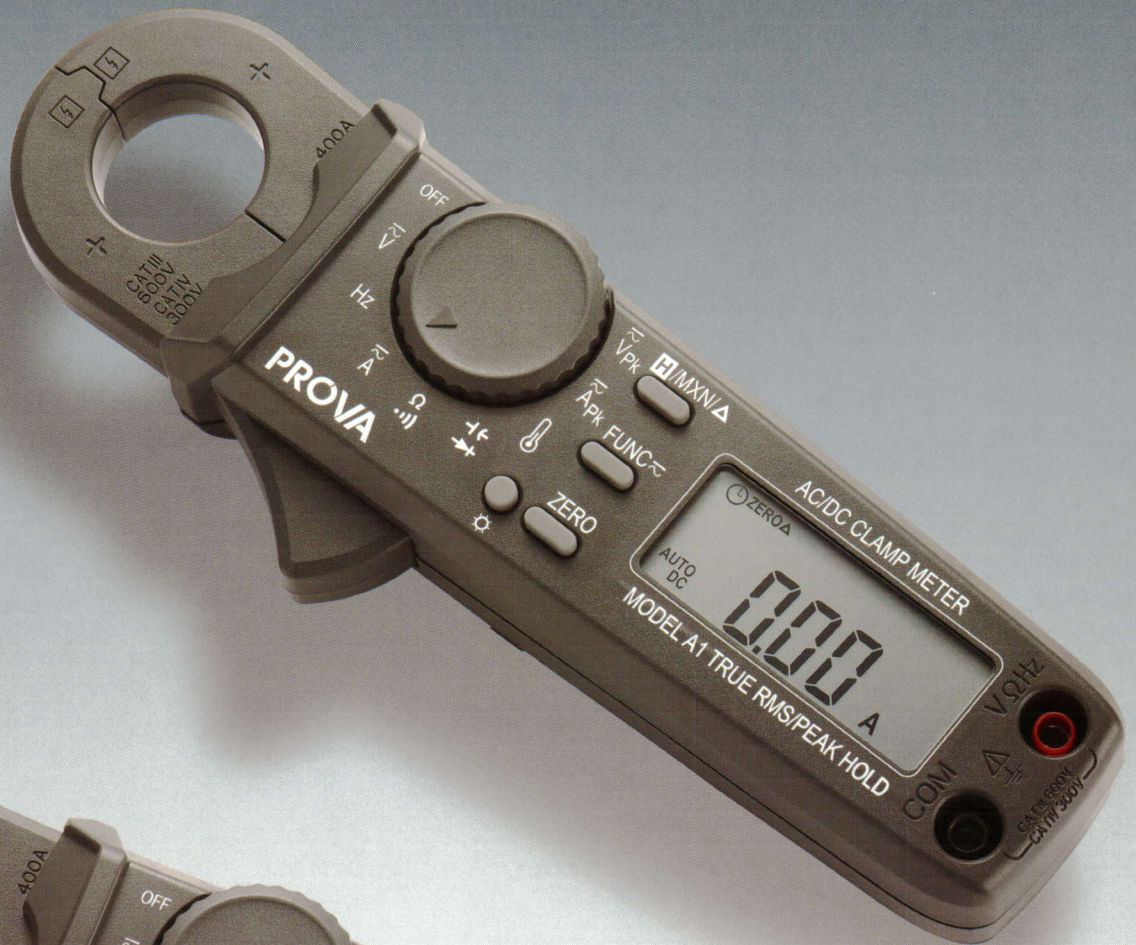


PROVA®

A1/A3 AC/DC Clamp Meter

- High Resolution AC/DC 10mA
- 25mm Large Jaw Diameter
- AC True RMS (A1)
- Dual Displays and Peak Hold
- \sim A, \sim V, Ω , \pm , \rightarrow , °C/°F, \bullet)



CE

IEC 61010

CAT III 600V CAT IV 300V

A1/A3 AC/DC Clamp Meter

Features:

- 6000 counts
- One Touch Zero for DCA adjustment
- Auto-Power-Off (30 min.) and Backlight
- Frequency: V + Hz, A + Hz
- Dual Displays: Hold + Ave, MAX + MIN, ΔMAX + ΔMIN
- Dual Displays: Hold + Ave, Peak Max + Peak Min, ΔPeak Max + ΔPeak Min
- AC/DC 400A AC/DC 600V
- Auto and Manual ranges
- Low Pass Filter (LPF, 1KHz, 3dB)
- Delta (Δ) Function w.r.t. Hold value

Specifications (23°C ± 5°C)

DC Current

Range	Resolution	Accuracy	Overload Protection
60 A	10mA	±1.5%±2dgts	DC 400A
0-150 A	100mA	±1.5%±2dgts	
150-300 A		±2.2%±2dgts	
300-400A		±4%±2dgts	

Peak: MAX ±400A, Accuracy + additional ±2%±50dgts

AC Current (TRMS for A1)

Range	Resolution	Accuracy		Overload Protection
		50/60 Hz	40 - 500 Hz	
60A	10mA	±1.5%±3dgts	±2.0%±4dgts	AC 400A
0-150A	100mA	±1.5%±3dgts	±2.0%±4dgts	
150-300A		±2.2%±3dgts	±2.5%±4dgts	
300-400A		±4%±3dgts	±5%±4dgts	

Peak: MAX ±400A, Accuracy + additional ±2%±50dgts

DC Voltage (Overload Protection AC 600V)

Range	Resolution	Accuracy	Input Impedance
60V	10 mV	±1.5%±3dgts	10MΩ
600V	100 mV		

Peak: MAX ±600V, Accuracy + additional ±2%±50dgts

AC Voltage (TRMS for A1, Input Impedance 10 MΩ)

Range	Resolution	Accuracy		Overload Protection
		50/60 Hz	40 - 1KHz	
60V	10mV	±1.5%±5dgts	±2.0%±5dgts	AC 600V
600V	100mV			

Peak: MAX ±850V, Accuracy + additional ±2%±50dgts

Continuity (Open voltage 0.4V, OL protection AC 600V)

Range	Resolution	Accuracy	Beeping
600Ω	0.1Ω	±1.0%±2dgts	<30.0Ω(approx.)

Resistance (Ω) (Open voltage 0.4V)

Range	Resolution	Accuracy	Overload Protection
600Ω	0.1Ω	±1.5%±2dgts	AC 600V
6KΩ	1Ω		
60KΩ	10Ω		
600KΩ	100Ω		

Frequency (Auto range)

Range (Hz)	Resolution (Hz)	Accuracy	Sensitivity	Overload Protection
4-99.99	0.01	±0.5%±0.02	3V/10V, 1A/5A	AC 600V
100.0~999.9	0.1	±0.5%±0.2	2V/10V 1A/5A	
1.000K-9.999K	10	±0.5%±20		
10.00K-99.99K	1.2K	±0.5%±2.4K		
100.0K-200.0K	5K	±0.5%±10K		AC 400A

Temperature (For using K-type thermocouples, °C or °F)

Range	Resolution	Accuracy	Overload Protection
-40 - 0°C	0.1°C	±2.0%±2°C	AC 300V
0 - 400°C		±0.5%±2°C	
-40 - 32°F	0.1°F	±2%±3.6°F	
32 - 752°F		±0.5%±3.6°F	

Capacitance

Range	Resolution	Accuracy	Overload Protection
600nF	0.1nF	±2.0%±0.2nF	AC 600V
6μ	1nF	±2.0%±0.02μF	
60μF	10nF	±2.0%±0.02μF	
600μF	100nF	±2.0%±0.2μF	
6000μF	1μF	±2.5%±5μF	

Diode Test

Range	Resolution	Accuracy	Overload Protection
0 - 1.999V	0.001V	±2.5%±5dgts	AC 600V

Conductor Size	25mm max. (approx.)		
Battery Type	two 1.5V SUM-3		
Range Selection	Manual, Auto		
Power Consumption	17 mA (approx.)		
Sampling Time	2 times/sec.		
Operating Temperature	0°C to 50°C		
Operating Humidity	less than 85% relative		
Dimension	190mm (L) x 66mm (W) x 36mm (H) 7.5" (L) x 2.6" (W) x 1.45" (H)		
Weight	250g (battery included)		
Accessories	Carrying bag x 1	1.5V battery x 2	Test leads x 1
	Users manual x 1		
	K-type thermocouples x 1		
	Adaptor (for Capacitance and K-type thermocouples) x 1		

<http://www.prova.com.tw>

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