



PROVA 11

AC/DC mA Clamp Meter

UL / CE CAT III 300V, CAT II 600V

Features:

1. Accurate digital clamp meter for **Current measurement**:
AC current: **0 ~ 30A** (True RMS)
DC current: **0 ~ 40A**
2. Accurate digital clamp meter for **Voltage measurement**:
AC voltage: **0 ~ 400V** (True RMS)
DC voltage: **0 ~ 400V**
3. AC 0.1mA, DC 1mA **high resolution**
4. **One touch zero** for DCA adjustment
5. **23 mm** diameter jaw
6. Large 3 3/4 digits **LCD**
7. **Fast bargraph display** (30 times/sec.) for transient observation
8. **Max/Min** and **Data Hold** functions
9. **Auto power off**
10. **Easy single rotary switch** for any function selection

Electrical Specifications: (23°C±5°C)

DC Current:

Range	Resolution	Accuracy	Overload Protection
mA (0-4A)	1mA	±2.0%±3dgts	DC 40A
30A	10mA	±2.0%±3dgts	DC 100A
40A	10mA	±2.5%±3dgts	DC 100A

AC Current: (True RMS, Crest Factor < 3)

Range	Resolution	Accuracy		Overload Protection
		50/60 Hz	40 - 100Hz	
400mA	0.1mA	±1.5%±5dgts	±2.0%±5dgts	AC 40A
		50/60 Hz	40 - 1KHz	
4000mA	1mA	±2.5%±5dgts	±3.0%±5dgts	AC 40A
30A	10mA	±2.0%±5dgts	±2.5%±5dgts	AC 100A

DC Voltage:

(Input Impedance: 10M Ω)


Range	Resolution	Accuracy	Overload Protection
400V	0.1V	$\pm 1.0\% \pm 2$ dgts	DC 1000V

AC Voltage:

(Input Impedance: 10M Ω , True RMS, Crest Factor < 3)

Range	Resolution	Accuracy		Overload Protection
		50/60 Hz	40 - 1KHz	
400V	0.1V	$\pm 1.5\% \pm 4$ dgts	$\pm 2.0\% \pm 5$ dgts	AC 800V

General Specifications:

Conductor Size:	23mm max. (approx.)
Dimension (Box):	183 (L) x 61.3 (W) x 35.6 (H) mm 7.2" (L) x 2.5" (W) x 1.4" (H)
Battery Type:	two 1.5V SUM-3
Display:	3 3/4 LCD with 40 seg. bargraph
Range Selection:	Manual
Overload Indication:	OL
Power Consumption:	15 mA (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
Weight:	190g (battery included)
Accessories:	Carrying bag x 1 Users manual x 1 Batteries 1.5V x 2 Test leads x 1

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

Fax: 886-2-89191489

Website: www.prova.com.tw