

Data sheet

ICM A9

Clamp Meter

FEATURE:

- 10000 count digital display
- Auto selection on ACV, DCV, ACA, Ω , Continuity and Diode
- Smart data hold
- Auto Hold (Current mode only)
- AC 400 Amps capability
- AC 750 Volts capability
- DC 1000 Volts capability
- 10K Ohms Resistance range
- Fast continuity beeper
- Battery capacity auto indication
- Auto power off (Enable and disable available)
- Up to 27mm Dia. (500MCM) Conductor
- CAT.IV 600V/CAT.III 1000V Safety standard

SPECIFICATION:(All at 23°C \pm 5°C, \leq 80% R.H.)

DC/AC Voltage

Range	Input Impedance	Accuracy
2.1V~999.9V, -0.7V~999.9V DC	375K Ω ~2M Ω	\pm (1%+2dgt)
1.3V~750V AC	1M Ω	\pm (1.5%+3dgt) 50Hz~500Hz

Resolution: 0.1V

Overload protection: 600V DC or AC rms

Conversion Type: Average sensing RMS indicating

AC Current

Range	Accuracy	Resolution
0.9A~600A	\pm (1.8%+3dgt) 50Hz~60Hz	0.1A

Conversion Type: Average sensing RMS indicating

Resistance

Range	Accuracy
10000 Ω	\pm (2%+2dgt)

Resolution: 1 Ω


Overload Protection: 600V rms

Diode & Continuity

Continuity Beeper : <25 Ω , 2KHz tone buzzer

Open Circuit Voltage : 3V max

General

Sampling Rate:	5 times/sec
Overload Indication:	“OL” is displayed
Low Battery Indication:	
Auto Power Off:	Approx. 20 minutes after last operation
Operating Temperature:	0°C~30°C (≤80% R.H.), 30°C~40°C (≤75% R.H.), 40°C~50°C (≤45% R.H.)
Storage Temperature:	-20°C~60°C
Temperature Coefficient:	0.2×(spec. Acc’y)/°C <18°C, >28°C
Safety:	IEC 61010-1: CAT.III 600V, CAT.II 1000V
Maximum Conduct Size	27mm dia. (500MCM)
Maximum Jaw Opening	35mm
Power Requirement:	Single 9V battery (NEDA 1604 or IEC 6F22)
Battery Life:	250 hours(Alkaline)
Size:	66mm(W)×198mm(L)×46mm(H)
Weight:	260g
Accessories:	Battery (installed), Test Leads and User Manual