

Data sheet

ICM A5

Clamp Meter

FEATURE:

- 2000 count digital display
- VoltSense™ function
- Truly measure up to AC 200 Amps
- Aluminum 4/0 cable
- AC 200 Amps capability
- AC 750 Volts capability
- DC 1000 Volts capability
- 20M Ohms Resistance range
- Continuity beeper
- Display hold
- Auto power off
- Up to 16mm Dia. conductor size
- CAT.IV 600V/CAT.III 1000V Safety standard

SPECIFICATION:(All at 23°C ±5°C, ≤80% R.H.)

DC/AC Voltage

Range	Overload Protection	Accuracy
200V	1000V DC	±(1.5%+5dgt) 50Hz~500Hz
1000V	AC 750V rms	

Resolution: 0.1V

Input Impedance: 2MΩ// < 100pF

Conversion Type: Average sensing RMS indicating

AC Current

Range	Accuracy	Resolution
0A~200A	±(3%+3dgt) 50Hz~60Hz	0.1A

Conversion Type: Average sensing RMS indicating

Resistance

Resolution: 0.1Ω

Range	Accuracy
200.0Ω	±(1%+2dgt)
2.000KΩ	
20.00KΩ	
200.0KΩ	
2.000MΩ	
20.00MΩ	±(1.9%+5dgt)

Overload Protection: 600V rms

Open Circuit Voltage: -1.3V approx.


Diode & Continuity

Continuity Beeper : <50Ω, 2KHz tone buzzer

Open Circuit Voltage : 3V max

Test Current: 1.5mA max

General

Sampling Rate:	1.5 times/sec
Overload Indication:	“OL” is displayed
Low Battery Indication:	
Auto Power Off:	Approx. 10 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.IV 600V, CAT.III 1000V
Maximum Conduct Size	16mm dia.
Power Requirement:	Two 1.5V Alkaline type AAA batteries
Battery Life:	250 hours(Alkaline)
Size:	54mm(W)×193mm(L)×31mm(H)
Weight:	280g
Accessories:	Battery (installed), Test Leads and User Manual