

Data sheet

ICM 136R

Clamp Meter

FEATURE:

- 4000 count digital display
- Backlit, large scale display
- Analog bargraph
- True RMS reading on AC mode
- Nickel-Steel alloy jaw mechanism
- Excellent residual magnetism performance
- AC 600 Amps capability
- DC 600 Amps capability
- AC 750 Volts capability
- DC 1000 Volts capability
- 400 Ohms resistance capability
- Continuity beeper
- Display hold
- Peak hold (10ms)
- DCA Zeroing key
- Min/Max function
- Frequency counter
- Auto power off
- Up to 35mm Dia. (750 MCM) conductor
- 4 feet drop proof
- Hand guard & stream line designed
- Deluxe carrying case
- Convenient battery door
- CAT.III 600V/CAT.II1000V Safety standard

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

DC/AC Voltage

Range	Input Impedance	Overload Protection	Accuracy
0V~400V, 400V~600V DC	≥1MΩ	600V DC or AC rms	±(0.7%+2dgt)
0V~400V, 400V~600V rms	1MΩ// < 100pF	600V rms	±(1%+5dgt) 50Hz~500Hz

Resolution: 100mV

Conversion Type: Average sensing True-RMS indicating

DC/AC Current

Range	DC Accuracy
0A~60A	±(1.5%+10dgt)
60A~400A	±(1.9%+5dgt)
400A~600A	±(1.9%+10dgt)

Range	AC Accuracy	
	50Hz~60Hz	61Hz~400Hz
0A~60A	±(1.9%+7dgt)	±(2.5%+7dgt)
60A~400A	±(1.9%+5dgt)	±(2.5%+5dgt)
400A~600A	±(2.5%+5dgt)	±(2.9%+5dgt)

Resolution: 0.1A

Overload Protection: 600A rms

Conversion Type: Average sensing True-RMS indicating

Resistance & Countinuity

Range	Accuracy
400.0Ω	±(1%+3dgt)

Overload Protection: 600V rms

Resolution: 0.1Ω

Open Circuit Voltage: 3V max

Continuity Tester: <30Ω approximate

Indicator: 2KHz tone buzzer

Frequency


Range	Accuracy	Resolution
20Hz~400KHz	±(0.1%+2dgt)	1Hz

Sensitivity:2A rms fpr ACA (A~)(>400Hz Unspecified)

3V rms to 110V rms for ACV(V~)

Overload Protection: AC/DC 600A

General

Sampling Rate:	1.5 times/sec
Overload Indication:	OL is displayed
Low Battery Indication:	
Auto Power Off:	Approx. 30 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:	35mm dia.
Maximum Jaw Opening:	45mm dia.
Maximum Busbar Size:	40×15mm
Power Requirement:	Single 9V battery (NEDA 1604 or IEC 6F22)
Battery Life:	200 hours(Alkaline)
Size:	78mm(W)×235mm(L)×51mm(H)
Weight:	380g with holster
Accessories:	Battery (installed), Test Leads, Carrying Case and User Manual