

Data sheet

ICM 135R

Clamp Meter

FEATURE:

- 4000 count digital display
- Backlit, large scale display
- Analog bargraph 43 segments
- True RMS reading on AC mode
- AC 600 Amps capability
- AC 600 Volts capability
- DC 600 Volts capability
- 400 Ohms Resistance capability
- Continuity beeper
- Display hold
- Peak hold (10ms)
- Min/Max function
- Frequency counter
- Auto power off
- Up to 34mm Dia. (750 MCM) conductor
- 4 feet drop proof
- Hand guard & stream line designed
- Deluxe carrying case
- Convenient battery door
- CAT.III 600V/CAT.II 1000V Safety standard

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

DC/AC Voltage

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

Resolution: 100mV

Overload Protection: 600V DC or AC rms

Conversion Type: Average sensing True-RMS indicating

AC Current

Range	Accuracy	
	50Hz~60Hz	61Hz~400Hz
0A~60A	±(1.9%+7dgt)	±(2.5%+7dgt)
60.1A~400A	±(1.9%+5dgt)	
400.1A~600A	±(1.9%+5dgt)	

Resolution: 0.1A

Overload Protection: 600A rms

Conversion Type: Average sensing True-RMS indicating

Resistance

Range	Accuracy
400.0Ω	±(1%+3dgt)

Overload Protection: 600V rms

Resolution: 0.1Ω

Open Circuit Voltage: 3V max

Continuity

Continuity Tester: <30Ω approximate

Indicator: 2KHz tone buzzer

Frequency


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

Sensitivity: 2A rms for 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
Shock Proof:	4 feet drops
Safety:	IEC 61010-1:2001: CAT.III 600V, CAT.II 1000V
Maximum Conduct Size:	34mm dia.
Maximum Jaw Opening:	37mm dia.
Power Requirement:	Single 9V battery (NEDA 1604 or IEC 6F22)
Battery Life:	200 hours(Alkaline)
Size:	76mm(W)×220mm(L)×50mm(H)
Weight:	360g with holster
Accessories:	Battery (installed), Test Leads, Carrying Case and User Manual