Data sheet
ICM 33II
Clamp Meter

FEATURE:
- 2000 count large scale LCD display
- AC 600 Amps capability
- AC 600 Volts capability
- 200 Ohms Resistance range
- Continuity beeper
- Display hold
- Auto power off
- 600 Volts circuit protection
- Insulated input jacks
- Up to 34mm Dia. (750 MCM) conductor
- 4 feet drop proof
- Hand guard designed
- Protective carrying case
- CAT.III 600V/CAT.II 1000V Safety standard

SPECIFICATION:(All at 23℃±5℃,≦80% R.H.)

AC Voltage

Range	Input Impedance	Accuracy
600V	2MΩ//2nF approx.	±(1.2%+3dgt) 40Hz~500Hz

Resolution: 0.1V
Overload Protection: 600V rms
Conversion Type: Average sensing RMS indicating

AC Current

Range	Resolution	Accuracy 50Hz~60Hz
200A	0.1A	±(1.9%+5dgt)
0A~400A	1A	±(1.5%+5dgt)
400A~600A		±(2.5%+5dgt)

Conversion Type: Average sensing RMS indicating
Overload Protection: 800A

Resistance

Range	Accuracy
2000Ω	±(1.5%+2dgt)

Overload Protection: 600V rms
Resolution: 1Ω
Max Open Circuit Voltage: 3V

Continuity

Continuity Tester: <50Ω approx.
Indicator: 2KHz tone buzzer

Type of Sensing: Current transformer sensing

General

Sampling Rate:	4 times/sec
Overload Indication:	"1" or "-1"
Low Battery Indication:	
Auto Power Off:	Approx. 30 minutes after last operation
Operating Temperature:	0℃~30℃(≦80% R.H.), 30℃~40℃(≦75% R.H.), 40℃~50℃(≦45% R.H.)
Storage Temperature:	-20℃~60℃
Temperature Coefficient:	0.2×(spec. Acc'y)/℃ <18℃, >28℃
Shock Proof:	4 feet drops
Safety:	IEC 61010-1: CAT.III 600V, CAT.II 1000V
Maximum Conduct Size:	34mm dia.
Maximum Jaw Opening:	36mm dia.
Power Requirement:	Single 9V battery (NEDA 1604 or IEC 6F22)
Battery Life:	200hours(Alkaline)
Size:	76mm(W)×200mm(L)×41mm(H)
Weight:	360g
Accessories:	Battery (installed), Test Leads, Carrying Case and User Manual