

Digital AC/DC Clamp On Meter

- Measurement Voltage in the range AC & DC – 750 V AC & 1000V DC
- Measurement Current in the range AC & DC -1500A AC & 2000A DC
- Resistance Measurement 66 M ohm
- Instrument should have the facility of Continuity Measurement.
- Capacitance Measurement 6.6mf
- Temperature Measurement
- All Measurement should backlit display.
- The Display should Clear & big to see for the results.
- The backlit display must be able to switch ON and OFF from a single button from the front console.
- Ratings of D.C. batteries shall be indicated in the offer.
- Operating Temperature: -10 Deg.C to 50 Deg.C.
- Storage Temperature: -20 Deg.C to 70 Deg.C.
- Safety Compliance: should conforms to safety standard EN 61010-1 for instrument
- Environmental Protection Instrument should be rated.
- Instrument should have compliance to following safety standards EN 61010-1

AC Current Measurement	
Range	0-1500A in two steps with manual selection
Accuracy1	±(2.0% m.v. + 10 digits)
Resolution	0.1 A
DC Current Measurement	
Range	0-2000A in two steps with manual selection
Accuracy	±(2.0% m.v. + 5 digits)
Resolution	0.1 A
AC Voltage Measurement	
Range	0-750V, Auto range
Accuracy	Up to 500Hz. ±1.5% rdg.±8dgt.
Resolution	0.001 V
DC Voltage Measurement	
Range	0-1000V,Auto range
Accuracy	±0.5% rdg.±2dgt.
Resolution	0.001V
Resistance Measurement	
Range	0-66.00M Ω, Auto range
Accuracy	±1.00% rdg.±5dgt.
Resolution	0.1 Ω
Capacitance Measurement	
Range	0.001nF to 6.6mF

Accuracy	±3.00% rdg.±10dgt.
Resolution	0.001nF
Display	Digital/LCD 6660 count
Crest factor	
Nominal	3
1000A range	2
Range switching	Auto/manual
Measurement rate	2.8times/sec
Functions	Auto power save, Data hold, Battery life warning
Max. rated voltage to earth	600VAC
Max. rated power	15mVA
Measurement categories	
Current	CAT III 600V
Voltage	CAT III 300V/ CAT II 600V
Core jaw diameter	55-60mm
Safety Standards	EN61010
EMC Standards	EN61326
Storage temperature	-10 to 50 degree Centigrade
Inrush current measurement	The INRUSH function captures the starting current precisely in the beginning of a 100-msec period when current is just started
Power Supply	9VDC Battery
Weight max.	570g