

AC/DC Clamp Meter



FEATURES

- 4000 counts.
- Voltage measurement, current measurement, resistor measurement, frequency counter, capacitor measurement.
- Bargraph indication.
- Range change function.
- Data hold function freezes the reading.
- REL function.
- Peak function.
- Diode measurement.
- Max / Min function.
- Continuity check.
- Low battery indication.
- Auto Power Off (APO) function.
- Safety design throughout with no exposed metal parts, shielded banana plugs and recessed input terminals.

SPECIFICATIONS

DC Voltage :

Ranges	Resolution	Accuracy
400mV	0.1mV	
4V	1mV	
40V	10mV	±(1.0%rdg+3dgt)
400V	100mV	
600V	1V	

•Overload protection : 650V DC

AC Voltage :

Ranges	Resolution	Accuracy
400mV	0.1mV	±(2.0%rdg+3dgt)
4V	1mV	
40V	10mV	
400V	100mV	±(1.5%rdg+3dgt)
600V	1V	

•Overload protection : 650V AC rms
•Frequency Response : 0~400mV at 40Hz~120Hz
4V~600V at 40Hz~500Hz

AC Current :

Ranges	Resolution	Accuracy
400A	0.1A	±(1.5%rdg+4dgt)
600A	1A	±(2.0%rdg+4dgt)

•Frequency Response: 40Hz~500Hz

DC Current :

Ranges	Resolution	Accuracy
400A	0.1A	±(1.5%rdg+4dgt)
600A	1A	±(2.0%rdg+4dgt)

Resistance:

Ranges	Resolution	Accuracy
400Ω	0.1Ω	
4kΩ	1Ω	
40kΩ	10Ω	±(1.5%rdg+3dgt)
400kΩ	100Ω	
4MΩ	1kΩ	
40MΩ	10kΩ	±(2.0%rdg+4dgt)

Continuity:

Ranges	Audible threshold
400Ω	Less than 35Ω

Frequency:

Ranges	Resolution	Accuracy
4kHz	1Hz	
15kHz	10Hz	±(0.3%rdg+2dgt)

Diode:

Ranges	Resolution	Accuracy
2V	1mV	±(1.5%rdg+3dgt)

Capacitor:

Ranges	Resolution	Accuracy
4nF	1pF	±(2.5%rdg+4dgt)
40nF	10pF	
400nF	100pF	
4μF	1nF	±(2.0%rdg+4dgt)
40μF	10nF	
400μF	100nF	±(2.5%rdg+4dgt)
4mF	1μF	
40mF	10μF	±(3.0%rdg+4dgt)

GENERAL

Conductor size	35mm Max.
Operating principle	Dual slope integration
Over range indication	"O.L" indicated
Low battery indication	
Response time	Approx. 1 second
Sample rate	Approx. 2 times per second
Operating temperature & humidity	0°C to 50°C 80% Max.
Storage temperature & humidity	-10°C to 60°C 80% Max.
Battery life	Approx. 100 hours on continuous use. (Alkaline)
Dimensions	210(L) × 90(W) × 40(D)mm
Weight (battery Included)	Approx. 330g
Power source	9V(6F22) battery × 1
Safety standard	EN 61010-1 CAT III 600V EN 61010-2-032 EN 61010-2-033 EN 61326-1
Accessories	Instruction manual Test leads Soft pouch Battery