

# 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	$\pm(1.0\%rdg+3dgt)$
400V	100mV	
600V	1V	

•Overload protection : 650V DC

### AC Voltage :

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

•Frequency Response: 40Hz~500Hz

### DC Current :

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

### Resistance:

Ranges	Resolution	Accuracy
400 $\Omega$	0.1 $\Omega$	
4k $\Omega$	1 $\Omega$	
40k $\Omega$	10 $\Omega$	$\pm(1.5\%rdg+3dgt)$
400k $\Omega$	100 $\Omega$	
4M $\Omega$	1k $\Omega$	
40M $\Omega$	10k $\Omega$	$\pm(2.0\%rdg+4dgt)$

### Continuity:

Ranges	Audible threshold
400 $\Omega$	Less than 35 $\Omega$

### Frequency:

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


### Diode:

Ranges	Resolution	Accuracy
2V	1mV	$\pm(1.5\%rdg+3dgt)$

### Capacitor:

Ranges	Resolution	Accuracy
4nF	1pF	$\pm(2.5\%rdg+4dgt)$
40nF	10pF	
400nF	100pF	
4 $\mu$ F	1nF	$\pm(2.0\%rdg+4dgt)$
40 $\mu$ F	10nF	
400 $\mu$ F	100nF	$\pm(2.5\%rdg+4dgt)$
4mF	1 $\mu$ F	
40mF	10 $\mu$ F	$\pm(3.0\%rdg+4dgt)$

## 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
Temperature & humidity for guaranteed	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	One type 6F22 (or equivalent), 9V manganese
Safety standard	EN 61010-1 CAT III 600V EN 61326-1
Accessories	Instruction manual Test leads Soft pouch Battery