

# CLAMP METER DCM400

## APPLICATIONS AND FEATURES

This instrument is an AC clamp meter designed for the IEC measurement category CAT. III 300V, and it is suitable for measuring low-voltage circuits.

- 4000 count / 42 segment analog bar graph
- Clamp opening size : 25mm
- Frequency measurement by clamping and using test leads
- Data hold
- Continuity check buzzer
- Auto power off(30min)
- Low batter power indication

## SPECIFICATIONS

	Measuring range	Best accuracy	Resolution
ACA	40/400A	$\pm(1.9\%+5)$	0.01A
ACV	400/600V	$\pm(1.5\%+5)$	0.1V
DCV	400/600V	$\pm(1\%+2)$	0.1V
Resistance	400 $\Omega$	$\pm(1\%+2)$	0.1 $\Omega$
Frequency(A)	20~4k/10kHz	$\pm(0.1\%+1)$	0.01Hz
Frequency(V)	4k/40k/400k/1MHz	$\pm(0.1\%+1)$	0.01kHz
Continuity	Buzzer sounds at less than approx. 40 $\Omega$ , Open voltage : approx. 1.5V		

Sampling rate	2 times / sec
Display	3999 count
Range selection	Auto
Low batter power indication	When the battery is under the proper operation range, (BAT) mark will appear on the LCD display
Operating temperature / humidity	0°C~40°C, below 80%RH No condensation
Storage temperature / humidity	-10°C~60°C, below 70%RH No condensation
Continuous use time	Approx. 150 hours
Power consumption	Approx. 7.4 mW
Safety standards	IEC61010-1 CAT.III 300V / II 600V
Bandwidth	50~60Hz(ACA : 1.9% $\pm$ 5), 60~500Hz(ACA : 2.5% $\pm$ 5), 50~500Hz(ACV : 1.5% $\pm$ 5)
Clamp diameter/Conductor size	25mm / 10 x 34mm
Battery	R03 x 2
Size / Mass	H193 x W50 x D28mm / 230g
Standard accessories included	Test lead(TL-23a), Carrying case(C-DCM400), Instruction manual



A battery for monitoring has been installed prior to shipment from the factory. It may be discharged before the expiration of the described battery life. This battery is used to check the functions and performance of the product. Specifications and external appearance of the product described above may be revised for modification without prior notice.