

## CLAMP METER

# DCL3000R



## APPLICATIONS AND FEATURES

This instrument is a TRUE RMS AC clamp meter designed in compliance with IEC61010-1 CAT.IV 600V. It is suitable for measuring the current of electrical lines, appliances power supply facilities operating on low voltages of no more than 600V.

- AC current measurable max. 3000A  
Maximum overload protection input AC5000A.
- True RMS
- Large LCD with Back light
- Data hold
- Range hold
- Max/Min value hold
- Auto power save(15min.)(No cancelable)

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.

## SPECIFICATIONS

	Measuring range	Best accuracy	Resolution
ACA	30/300/3000A	±(3%+5)	0.01A
Operation method	Double integration		
AC measuring method	True RMS		
Display	3150 count		
Sampling rate	Approx. 2 times / sec		
Range selection	Auto and Manual		
Battery low warning	Battery( ) mark lights at approx. 2.3V or below		
Operating temperature / humidity	Temperature 5°C~40°C Relative humidity Max. 80%RH, No condensation		
Storage temperature / humidity	-10°C~50°C:Max 80%RH, No condensation		
Continuous use time	Approx. 130 hours at DCV(Backlight extinguished)		
Power consumption	20mW TYP		
Bandwidth	45~500Hz		
Clamp diameter	150mm		
Battery	LR03 x 2		
Size / Mass	H120 x W70 x D26mm / 300g		
Safety standards	IEC61010-1 CAT.IV 600V, IEC61010-2-030, IEC61010-2-032,		
EMC directive	IEC61326-1		
Standard accessories included	Carrying pouch(C-CL3000), Instruction manual		

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