

DCM2000DR



This instrument is an AC/DC clamp meter/digital multimeter of the RMS value response type, designed for measurements in the range specified by IEC 61010-1 CAT. IV 1000 V. It is suitable for current and voltage measurements of lowvoltage circuitry, electric equipment and power supply facilities.

- Dual display shows voltage/current and its frequency
- True RMS
- DC/AC current measurable max. 2000A & DMM functions
- EF (Electric Field) sensing
- VFD (Variable Frequency Drive) frequency measurement
- Low input impedance voltage measurement capable of attenuating the effects of ghost voltages
- Data hold / Range hold / Relative value / Peak hold / Auto power save

- Operation method : Δ - Σ method
- AC detection method : True RMS
- Sampling rate : Approx.5 times/sec
- Range switching : Auto, Manual
- Auto power save : Approx. 34 min. after the last operation
- Low battery indication : The indicator lights on the display when the supply voltage from the internal batteries drops below about 2.3 V
- Safety standards : IEC61010-1 CAT. IV 1000 V
- Operating temperature/humidity ranges :
Temperature : 5 to 40°C
No more than 80% RH, without condensation
- Storage temperature / humidity ranges :
Temperature : -10 to 40°C
No more than 80% RH, without condensation
- Battery life : Approx. 80 hours (A function)
- Current consumption : Approx. 14 mA TYP (A function)

DCM2000DR	Measuring range	Best accuracy	Resolution
ACA	200/2000A	$\pm (2.0\%+5)$	0.1A
DCA	200/2000A	$\pm (2.0\%+5)$	0.1A
ACV	6/60/600/1000V	$\pm (1.2\%+5)$	0.001V
DCV	6/60/600/1000V	$\pm (0.5\%+5)$	0.001V
Resistance	600/6k/60k/600k/6M/40M Ω	$\pm (0.5\%+5)$	0.1 Ω
Frequency	10~1999Hz	$\pm (0.1\%+4)$	0.01Hz
Continuity	Buzzer sounds at between 10 Ω and 200 Ω Open voltage: approx. 0.5V		
Diode test	Open voltage: approx. 1.8V		
Bandwidth	50~400Hz		
Display	6000		
Clamp diameter/ Conductor size	55mm / 20×66mm		
Battery	R6×2		
Size / Mass	H264×W97×D43mm/approx. 640g		
Standard accessories	Test lead (TL-29), Carrying case (C-DCM2000DR), Instruction manual included		

DCL3000R



This instrument is a true rms AC clamp meter designed in compliance with IEC61010-1 CAT. IV 600 V. It is capable of measuring AC current up to 3000 A.

It is suitable for measuring the current of narrow space of electrical lines, appliances power supply facilities operating on low voltages of no more than 600 V.

- Flexibility facilitating conductor clamping even in narrow space
- AC current measurable max. 3000A
- Backlight, Data hold, Max/Min value hold

- Operation method : Double integration
- AC measuring method : True RMS AC coupling
- Display : 3150 counts
- Flexible CT length : Approx. 485 mm
- Flexible CT diameter : Approx. $\phi 8.5$ mm
- Clamped conductor diameter : Max. approx. $\phi 150$ mm
- Cable length : Between flexible CT and cabinet : Approx. 1.8 m
- Over range : "OL" displayed on the numeric display
- Low battery indication : The indicator lights on the display when the supply voltage from the internal batteries drops below about 2.3 V
- Auto power save : Approx. 15 min. after the last operation
- Sampling rate : Approx. 2 times/sec
- Range switching : Manual
- Safety standards : IEC61010-1 CAT. IV 600 V
- Power consumption : Approx. 20 mA TYP.
- Continuous operation duration : Approx. 130 hours (Backlight extinguished)

DCL3000R	Measuring range	Best accuracy	Resolution
ACA	30/300/3000A	$\pm (3\%+5)$	0.01A
Bandwidth	45~500Hz		
Display	3150		
Clamp diameter/ Conductor size	approx. $\phi 150$ mm max.		
Battery	LR03 \times 2		
Size / Mass	H120 \times W70 \times D26mm/approx. 300g		
Standard accessories included	Carrying case (C-CL3000), Instruction manual		