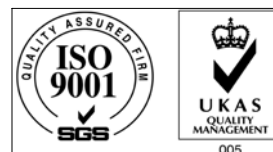


*Mini*

# ACA/DCA CLAMP METER

Model : DM-6052

ISO-9001, CE, IEC1010



**Lutron**

**LUTRON ELECTRONIC**

*The Art of Measurement*

# MINI DCA/ACA CLAMP METER

Model : DM-6052

FEATURES	
* Miniature type, easy to carry out & operation.	* LSI circuit provides high reliability and durability.
* Measure DCA or ACA on the inductive conductor.	* Overload protection circuit is provided for all range.
* High precision for low DCA & ACA current measurement.	* Design to meet IEC safety requirement.
* Built-in DATA HOLD function.	* Built-in one fuse on the input terminal for user safety consideration.
* Crystal time base, high quality.	
* LCD display allows clear readout even at high ambient light level.	* Compact, light weight and excellent operation.

GENERAL SPECIFICATIONS			
Display	13mm (0.5") LCD, 3 1/2 digits. Max. indication 1999.	Time base	Quartz crystal, 32768 Hz.
Measurement	ACA, DCA, ACV, DCV, ohms, DATA HOLD.	Power Consumption	Voltage & ohm range: Approx. DC 6 mA.
Polarity	Automatic Switching, "-" indicates negative polarity.		Current range : Approx. DC 12 mA.
Current Sensor	Hall effect sensor.	Operating Temp.	0 to 50 °C (32 to 122 °F).
Zero adjustment	DCA - External knob adjust. Other functions - Automatic zero adj.	Operating Humidity	Less than 80% RH.
Over-input	Display shows '1' or '-1'.	Weight	225g/0.5LB(including battery)
Sampling Time	Approx. 0.4 second.	Dimension	HWD 180 x 47 x 35 mm. (7.1 x 1.9 x 1.4 inch).
Fuse Protection	Input circuit build a 500 mA fuse for user safety consideration.	Max. Conductor Size	19 mm Dia.
Battery	006P DC 9V battery. (heavy duty type)	Accessories Included	Operation manual.....1 PC. Test lead (red & black)...1 pair Carrying case.....1 PC.

ELECTRICAL SPECIFICATIONS (23± 5 °C)				
Function	Range	Resolution	Accuracy	Overload Circuit Protection
DC voltage	200 V	0.1 V	± (0.8 % + 1 d)	AC 500V rms DC 500V
AC voltage (50/60 Hz)	500 V	1 V	± ((1 % + 2 d)	AC 500V rms DC 500V
Resistance	200 ohm	0.1 ohm	± ((1 % + 1 d)	AC/DC 400V
AC current (50/60 Hz)	20 A ( 0.1 A)	0.01 A	± (1.2 % + 5 d)	300 ACA (within 1 minute)
	200 A	0.1 A		
DC current	200 A	0.1 A	± (1.2 % + 5 d)	300 ACA (within 1 minute)
DATA HOLD	Available for all functions to keep the data hold on the display.			
Remarks :	* Input impedance for ACV & DCV range is 10 M ohm. * ACA specification be tested on sine wave 50/60 Hz.			

\* Appearance and specifications listed in this brochure are subject to change without notice.

0609-DM6052