

# MINI ACA CLAMP METER

Model : DM-6053

ISO-9001, CE, IEC1010



**Lutron**

**LUTRON ELECTRONIC**



***The Art of Measurement***

# Mini ACA CLAMP METER

Model : DM-6053

FEATURES	
* Miniature type, easy to carry out & operation.	
* Measure ACA on the inductive conductor.	
* High precision for low ACA current measurement.	
* Built-in DATA HOLD function.	
* Crystal time base, high quality.	
* LCD display allows clear readout even at high ambient light level.	
* LSI circuit provides high reliability and durability.	
* Overload protection circuit is provided for all range.	
* Design to meet IEC 348 safety requirement.	
* Built-in one fuse on the input terminal for user safety consideration.	
* Compact, light weight and excellent operation.	

GENERAL SPECIFICATIONS	
Display	13mm (0.5") LCD, 3 1/2 digits, Max. indication 1999.
Measurement	ACA, ACV, DCV, Ohms, Data hold.
Polarity	Automatic Switching, "-" indicates negative polarity.
Time Base	Quartz crystal, 32768 Hz.
Zero Adjustment	Automation.
Over-input	Display shows '1' or '-1'.
Fuse Protection	Input circuit build a 500 mA fuse for user safety protection purpose.
Sampling Time	Approx. 0.4 second.
Battery	006P DC 9V battery.
Power Current	Approx. DC 2 mA.
Operating Temperature	0 °C to 50 °C (32 °F to 122 °F).
Operating Humidity	Less than 80% RH.
Weight	220 g/0.49 LB (including battery).
Dimension	HWD 180 x 47 x 35 mm.
Max. Conductor Size	19 mm Dia.
Accessories Included	Operation manual..... 1 pair. Test lead (red & black)..... 1 PC.

ELECTRICAL SPECIFICATIONS			
<i>Function</i>	<i>Range</i>	<i>Resolution</i>	<i>Accuracy</i>
DC Voltage	200 V	0.1 V	± (1 % + 1 d)
AC Voltage	500 V	1 V	± (1.2 % + 2 d)
Resistance	200 ohm	0.1 ohm	± (1.2 % + 1 d)
AC Current	20 A	0.01 A	± (1.8 % + 5 d)
	200 A	0.1 A	
Data Hold	Available for all functions to keep the data hold on the display.		
Remark	* Input impedance for ACV & DCV range is 10 M ohm. * ACV frequency response is from 40 to 400 Hz. * ACA specification be tested on sine wave 50 Hz or 60 Hz.		