

# MINI ACA CLAMP METER

**Model : DM-6053**

*ISO-9001, CE, IEC1010*

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**Lutron**



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# Mini ACA CLAMP METER

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## 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

<b>Function</b>	<b>Range</b>	<b>Resolution</b>	<b>Accuracy</b>
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.		

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

DM-6053+0408

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