

*Peak hold, Data hold, Continuity, Diode*

# 1000A DCA/ACA CLAMP METER

Model : DM-6056

*ISO-9001, CE, IEC1010*



Carrying case  
CA-05A  
( included )



**Lutron**

**LUTRON ELECTRONIC**

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*The Art of Measurement*

# 1000 A ACA/DCA CLAMP METER

Model : DM-6056

## 1. FEATURES

* Design meet IEC 1010 safety requirement.
* Compact & heavy duty ABS housing plastic case.
* Measure DCA & ACA on the inductive conductor.
* Wide ranges ( 1000 A, 200 A ) for ACA/DCA measurement.
* LSI circuit provides high reliability and durability.
* Multi-functions for ACA, ACV, DCV, OHMS, Diode, Continuity beeper measurement.
* LCD display allows clear readout even at high ambient light level.
* Overload protection circuit is provided for all range.

Optional Adapters	Temperature Adapter, Light Adapter, Anemometer Adapter, EMF Adapter, Tachometer Adapter, RH Adapter, 50 Amp Shunt, High Voltage Probe..
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## 2 GENERAL SPECIFICATIONS

Display	13 mm (0.5") LCD, 3 1/2 digits. Max. indication 1999.
Measurement	ACA, ACV, DCA, DCV, Resistance, Diode, Continuity, Data hold, Peak hold.
Polarity	Automatic Switching, "-" indicates negative polarity.
Current Sensor	Hall effect sensor.
Zero adjustment	DCA : <i>Manual adjustment.</i> Other ranges except the DCA range : <i>Automatic adjustment.</i>
Over-input	Indication of "1" or "-1".
Sampling Time	Approx. 0.4 second.
Battery	006P DC 9V battery (heavy duty type).
Power Consumption	Approx. DC 9.6 mA.
Operating Temp. & Humidity	0 to 50 °C ( 32 to 122 °F ). Less than 80% RH.
Weight	380 g/0.85 LB (including battery).
Dimension	HWD : 230 x 70 x 36 mm. (9.1 x 2.8 x 1.4 inch)
Max. Conductor Size	32 mm (1.3 inch) Dia.
Accessories	Operation manual.....1 PC Test lead (red & black).....1 Set Carrying case, CA-05A .....1 PC

## 3. ELECTRICAL SPECIFICATIONS ( 23 ± 5 °C )

Function	Range	Resolution	Accuracy	Overload Protection
DC voltage	200 mV	0.1 mV	± (0.8 % + 1d)	AC/DC 400 V.
	200 V	0.1 V	± (0.8 % + 1d)	AC/DC 600 V.
	600 V	1 V		
AC voltage	200 mV	0.1 mV	± (1 % + 2d)	AC/DC 600 V.
	200 V	0.1 V		
	600 V	1 V		
DC current	200 A	0.1 A	± (1.5 % + 10d)	AC/DC 1000 A
	1000 A	1 A	± (2 % + 2d)	
AC current	200 A	0.1 A	± (1.5 % + 10d)	AC/DC 1000 A
	1000 A	1 A	± (2 % + 2d)	
OHMS	2 k ohm	1 ohm	± (1 % + 1d)	AC/DC 400 V

Diode	Short/non conductance, good/defect test
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PEAK HOLD	Acquisition Time: Approx. 150 ms. Display Decay Rate: < 2 digits/sec. Application: Use for measuring transient signal for current.
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DATA HOLD	Available for all functions to keep the data hold on the display
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\* Appearance and specifications listed in this brochure are subject to change without notice.

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