

ACA, ACV, DCV, ohms, Diode, Continuity

ACA CLAMP METER

Model : DM-6007

ISO-9001, CE, IEC1010



Lutron

LUTRON ELECTRONIC

The Art of Measurement

ACA CLAMP METER

Model : DM-6007

FEATURES	
* Design meet IEC 1010 safety requirement.	* Multi-function for ACA, ACV, DCV, OHMS, Diode, Continuity beeper measurement.
* Compact & heavy duty ABS housing plastic case.	
* Measure ACA on the inductive conductor.	* LCD display allows clear readout even at high ambient light level.
* Built-in 20 A current range for measuring low current precisely.	* Overload protection circuit is provided for all range.
* LSI circuit provides high reliability and durability.	

GENERAL SPECIFICATIONS			
Display	13 mm (0.5") LCD, 3 1/2 digits. Max. indication 1999.	Power Consumption	Approx. DC 6 mA.
Measurement	ACA, ACV, DCV, OHMS	Operating Temp.	0 °C to 50 °C (32 °F to 122 °F)
Range &	Data hold, Continuity beeper.	Operating Humidity	Less than 80% RH.
Polarity	Automatic Switching, "-" indicates negative polarity.	Weight	420 g/0.93 LB (including battery).
Current Sensor	Inductive conductor.	Dimension	HWD 230 x 74 x 38 mm. (9.1 x 2.9 x 1.5 inch)
Zero adjustment	Automatic zero adj.	Max. Conductor Size	37 mm (1.5 inch) Dia.
Over-input	Display shows '1' or '-1'.	Accessories	Operation manual..... 1 PC. Test lead (red & black)..... 1 pair.
Sampling Time	Approx. 0.4 second.	Carrying Case (optional)	Model : CA-05A
Fuse Protection	Input circuit build a 500 mA fuse for user safety protection purpose.		

ELECTRICAL SPECIFICATIONS (23± 5 °C)				
Function	Range	Resolution	Accuracy	Overload Circuit Protection
DC voltage	200 V	0.1 V	± (0.8 % + 1 d)	AC/DC 600V
AC voltage	600 V	1 V	± (1 % + 2 d)	AC/DC 600V
OHMS	2 k ohm	1 ohm	± (1 % + 1 d)	AC/DC 400V
AC current	20 A	0.01 A	± (1.5% + 0.5 A)	800 ACA (within 1 minute)
	200 A	0.1 A	± (1.5% + 10 d)	
	600 A	1 A	± (3% + 5 d)	
Diode	Open circuit voltage is approx. DC 3V.			
Continuity Beeper	A continuity testing beeper is equipped, so when checking circuits of shorts or opens, then it is not necessary to look at the meter. The Beeper sounds will be heard if continuity is present.			
Remark	* Input impedance for ACV & DCV range is 10 Megohm. * ACA, ACV frequency response is from 40 to 400 Hz. * ACA, ACV specification be tested on sine wave 50/60 Hz.			