

Peak hold, Data hold, Continuity, Diode

2000A DCA/ACA CLAMP METER

Model : DM-6058

ISO-9001, CE, IEC1010



Carrying case
CA-05A
(included)



Lutron

LUTRON ELECTRONIC

The Art of Measurement

2000A, ACA/DCA CLAMP METER

Model : DM-6058

FEATURES	
* Heavy duty, max. 2000 A DCA or ACA by the inductive conductor, contactless.	* LCD display, easy & clear readout.
	* High internal impedance, assures min. measuring error.
* Design meet IEC 1010 safety requirement.	* LSI-circuit provides high reliability and durability.
* Multi-functions for ACA, DCA, ACV, DCV, ohms, Diode.	* Built-in low battery indicator.
	* Overload protection circuit is provided for all range.
* Built-in Data Hold function.	* Compact & heavy duty ABS housing plastic case.
* Built-in Peak Hold function for measuring transient signal.	

GENERAL SPECIFICATIONS			
Display	13 mm (0.5") LCD, 3 1/2 digits. Max. indication 1999.		Power Consumption <i>DM-6058</i> : Approx. DC 10 mA. <i>DM-6059C/F</i> : Approx. DC 10.8 mA.
Measurement Range &	ACA, DCA, ACV, DCV, ohms, Data hold, Peak Hold, Temperature (DM-6059C/F only)		Operating Temp. 0 °C to 50 °C (32 °F to 122 °F)
Polarity	Automatic Switching, " - " indicates negative polarity.		Operating Humidity Less than 80% RH.
Current Sensor	Hall effect sensor.		Weight 480 g/0.22 LB (including battery).
Zero adjustment	DCA	External knob, for DCA zero adjustment.	Dimension 250 x 70 x 36 mm (9.8 x 2.8 x 1.4 inch)
	Others	Automatic adjustment.	Conductor Jaw 86 mm (3.4 inch) - outside
Over-input	Display shows " 1 " or " -1 ".		Accessories Test lead (red & black).....1 Pair Operation manual..... 1 PC. Carrying case 1 PC.
Sampling Time	Approx. 0.4 second.		
Battery	Heavy duty type, DC 9V battery. 006P, MN1604 (PP3) or equivalent.		

ELECTRICAL SPECIFICATIONS (23± 5 °C)					
Function	Range	Resolution	Accuracy	Overload Circuit Protection	Remark
DC Voltage	200 mV	0.1 mV	± (0.8 % + 1 d)	AC/DC 400 V.	Input impedance 10 Megaohm
	200 V	0.1 V		AC/DC 600 V.	
	600 V	1 V			
AC Voltage (50/60Hz)	200 V	0.1 V	± (1 % + 2 d)	AC/DC 600 V.	Input impedance 10 Megaohm
	600 V	1 V			
Resistance	2000 ohm	1 ohm	± (1 % + 1 d)	AC/DC 400 V	ACA Spec.
AC/DC Current	200 A	0.1 A	± (1.5 % + 10 d)	AC/DC 2000 A	test on 60 Hz/50 Hz.
	2000 A	1 A	± (2 % + 5 d) * Spec. accuracy is tested under the range 1,500 A.		
Diode Check	Short/non conductance, good/defect test. Approx. diode VF (forward voltage).				
Peak Hold	Acquisition Time : 150 ms, Accuracy : 3%, Display Decay Rate : < 2 digits/sec. Application : Use for measuring transient signal for current .				
Data Hold	Available for all functions to keep the data hold on the display .				
Remark	* Input impedance for ACV & DCV range (200 V, 600 V) is 10 Mega ohm. * ACA, ACV frequency response is from 40 to 400 Hz. * ACA. ACV specification be tested on sine wave 50/60 Hz.				