ACA/DCA CLAMP METER (with ℃,℉ TEMP.)

True rms 1000 A,

Model : DM-6065C, DM-6065F

FEATURES	
* True rms measurement for ACA & DCA range.	* Built-in Peak Hold funcion for measuring transient signal.
* Measure DCA or ACA by the inductive conductor.	* LCD display, easy & clear readout.
* Design meet IEC 1010 safety requirement.	* High internal impedance, assures min. measuring error.
* Max. 1000 A DCA & ACA current measurement.	* LSI-circuit provides high reliability and durability.
* Multi-functions for ACA, DCA, ACV, DCV, ohms, Diode, Temperature.	* 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.

GENERAL SPECIFICATIONS				
Display	13 mm (0.5") LCD, 3 1/2 digits. Max. indication 1999.		Power Consumption	Approx. DC 12 mA.
Measurement Range &	ACA (true rms), ACV (true rms), DCA, DCV, ohms, Data hold, Peak Hold, Temperature.		Operating Temp.	0 ℃ to 50 ℃(32 ℉ to 122 ℉)
			Operating Humidity	Less than 80% RH.
Polarity	Automatic Switching, " - " indicates negative polarity.		Weight	400 g/0.90 LB (including battery).
			Dimension	230 x 70 x 36 mm (9.1 x 2.8 x 1.4 inch)
Current Sensor	Hall effect sensor.		Max. Conductor Size	32 mm (1.3 inch) Dia.
Zero adjustment	DCA	External knob, for DCA zero adjustment.	Accessories	Test lead (red & black)..... 1 Pair Operation manual..... 1 PC. Carrying case ..... 1 PC. TP-01 Thermocouple probe with plug (for DM-6055 only)..... 1 PC.
	Others	Automatic adjustment.		
Over-input	Display shows '1' or '-1'.			
Sampling Time	Approx. 0.4 second.			
Battery	DC 9V battery, alkaline or heavy duty. 006P, MN1604(PP3) or equivalent.			

ELECTRICAL SPECIFICATIONS(23 ± 5 ℃)					
Function	***Range***	***Resolution***	***Accuracy***	***Overload Circuit Protection***	***Remark***
DC Voltage	200 V	0.1 V	± (0.8 % + 1 d)	AC/DC 600 V.	Input impedance 10 Mega ohm
	600 V	1 V			
AC Voltage ***true rms***	200 V	0.1 V	± (1 % + 2 d)	AC/DC 600 V.	Input impedance 10 Mega ohm
	600 V	1 V			
Resistance	2 K ohm	1 ohm	± (1 % + 1 d)	AC/DC 400 V	
AC current ***true rms***	200 A	0.1 A	± (1.5% + 10 d)	AC/DC 1000 A	
	1000 A	1 A	± (2 % + 5 d)		
DC current	200 A	0.1 A	± (1.5% + 10 d)	AC/DC 1000 A	
	1000 A	1 A	± (2 % + 5 d)		
AC & DC current	200 A	0.1 A	± (1.5% + 10 d)	AC/DC 1000 A	
	1000 A	1 A	± (2 % + 5 d)		
Temp. ℃ Model (DM-6065C only)	-40 ℃ to 750 ℃	1 ℃	0 to 750 ℃ : ±(1 % + 2 ℃) 750 to 900 ℃ : typ. ±(1 % + 2 ℃) 900 to 1000 ℃ : typ. ±(3% + 2 ℃) 0 to -20 ℃ : typ. 2 ℃ -20 to -40 ℃ : typ. 3 ℃		
Temp. ℉ Model (DM-6055F only)	-40 ℉ to 1400 ℉	1 ℉	32 to 1400 ℉ : ±(1.2 % + 3 ℉) 1400 to 1800 ℉: typ. ±(2 % + 3 ℉) 1800 to 2000 ℉ : typ. ±(4 % + 4 ℉) 32 ℉ to -4 ℉ : typ. 4 ℉ -4 ℉ to -40 ℉ : typ. 6 ℉		
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 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.				

THERMOCOUPLE PROBE (type K)			
TP-01	-40 ℃ to 250 ℃ (300 ℃ short- term). Ultra fast response naked-bead probe.	TP-03	-50 ℃ to 1200 ℃ (-50 ℉ to 2200 ℉). High temperature, Penetration & immersion.
TP-02A	-50 ℃ to 900 ℃ (-50 ℉ to 1650 ℉). Penetration & Immersion applications.	TP-04	-50 ℃ to 400 ℃ (-50 ℉ to 752 ℉). Precision surface temp. measurement usage.
** Remark : TP-01 is the standard accessory of the DM-6065C, DM-6065F. TP-02A, TP-03, TP-04 are optional.*			