mini DCA/ACA CLAMP

Model: CM-9940 *ISO-9001, CE, IEC1010*





FEATURES

- * Design meet IEC 1010 CATIII 600V safety requirment.
- * 4000 counts, Auto range & multi-functions.
- * Measurement for ACA, DCA, ACV, DCV, Ohms, Diode, Hz, Continuity beeper.
- * Water resistance for the front panel.
- * Data hold.
- * Wide ranges (600 A, 400 A) clamp on current measurement both for ACA & DCA.
- * Overload protection circuit is provided for all range.
- * LSI circuit provides high reliability and durability.
- * Pocket & slim housing case, easy carryout. Compact & heavy duty ABS housing case. and durability.



The Art of Measurement

mini DCA /ACA CLAMP METER, Model: CM-9940

FEATURES						
* Design meet IEC 1010 CATIII 600V safety requirment.	* Wide ranges (600 A, 400 A) clamp on current					
* 4000 counts, Auto range & multi-functions.	measurement both for ACA & DCA.					
* Measurement for ACA, DCA, ACV, DCV, Ohms,	* Overload protection circuit is provided for all range.					
Diode, Hz, Continuity beeper.	* LSI circuit provides high reliability and durability.					
* Water resistance for the front panel.	* Pocket & slim housing case, easy carryout.					
* Data hold.	* Compact & heavy duty ABS housing case.					

GENERAL SPECIFICATIONS						
Display	10.8 mm (0.43") LCD, 4 digits,	Operating	Less than 80% RH.			
	Max. indication 5000.	Humidity				
Measurement	ACA, DCA, ACV, DCV, Ohms, Diode,	Weight	230 g/0.50 LB (including battery).			
Range	Hz, Continuity beeper, Relative.	Dimension	HWD : 178 x 64 x 33 mm			
Polarity	Automatic Switching, " - " indicates		(7.0 x 2.5 x 1.3 inch)			
	negative polarity.	Max. Jaw Open	30 mm (1.18 inch) Dia.			
Current Sensor	Hall effect sensor.	Size				
Zero adjustment	DCA: Push bottom adjustment.	Accessories	Operation manual 1 PC.			
	Other ranges: Automatic adjustment.	Included	Test lead (red & black) 1 PC.			
Over-input	Indication of " 1 " or " -1 ".	Optional	Carrying case, Temperature Adapter,			
Sampling Time	Approx. 0.35 second.	Accessories &	Light Adapter, Anemometer Adapter,			
Battery	2 x 1.5V AA (UM-3) batteries.	Adapters	Pressure Adapter, RH Adapter,			
Operating	$0~^{\circ}\mathrm{C}$ to $50~^{\circ}\mathrm{C}$ ($32~^{\circ}\mathrm{F}$ to $122~^{\circ}\mathrm{F}$).		Tachometer Adapter,			
Temperature			High Voltage Probe.			

ELECTRICAL SPECIFICATIONS (23 \pm 5 $^{\circ}$)						
Function	Range	Resolution	Accuracy	Overload		
DC/AC	400 mV	0.1 mV	± (0.5 % + 2d)			
Voltage	(DC only)					
_	4 V	0.001V	DCV:	AC/DC 600 V.		
	40 V	0.01V	± (1% + 2d)			
	400 V	0.1 V	ACV:			
	600 V	1 V	± (1.2 % + 5d)			
DC /AC	400 A	0.1 A	± (2% + 5d)			
	ACA:					
current	0.5 to 400A			AC/DC 600 A		
	600 A	1 A	± (2% + 8d)			
Remark	* Input impedance for ACV & DCV range is 10 Mega ohm.					
	* ACA, ACV specification be tested on sine wave 50/60 Hz.					

Function	Range	Resolution	Accuracy	Overload
Ohms	400 ohm	0.1 ohm		
	4 K ohm	1 ohm		
	40 K ohm	10 ohm	± (1% + 5d)	AC / DC 400 V
	400 K ohm	100 ohm		
	4 M ohm	1 K ohm	± (2% + 2d)	
	40 M ohm	10Kohm	± (3.5 % + 5d)	
Frequency	5 Hz	0.001 Hz		
(5 V)	50 Hz	0.01 Hz		
	500 Hz	0.1 Hz		AC / DC 250 V
	5 KHz	1 Hz	± (1 % + 5 d)	
	50 KHz	0.01 KHz		
	500 KHz	0.1 KHz		
Diode	Short/non conductance, good/defect test.			
Continuity	If measuring resistance is less than 10 ohm, the beeper will sound .			

^{*} Appearance and specifications listed in this brochure are subject to change without notice.