



Digital Clamp Meter DCM 39A/9930A

FEATURES

- Auto ranging 3³/₄ digit (3999) LCD-Display.
- True RMS reading for ACV & ACA.
- 2 in 1 Clamp meter + Digital Multimeter.
- Overload protection for all ranges.
- Auto power off not observed practically.
- Data Hold, Relative Key, Facility.
- Water resistance front panel, fire-proof heavy duty ABS casing.
- Current Sensor - Hall effect Sensor.
- Over range Indication : 'OL' is displayed.
- Max. Conductor size 60mm. approx. Power-
- one 9V Battery Type 6F 22.
- Size (HxWxL) - 255x73x38mm.(approx.) Net Weight-515g. with Battery (approx.)



ELECTRICAL SPECIFICATION

DC-VOLTAGE

Range	400mV	4V	40V	400V	1000V
Resolution	0.1mV	0.001V	0.01V	0.1V	1V
Accuracy	± 0.5% ± 2 digit		± 1% ± 2 digit		
Input Impedance	≥ 10 MΩ(approx.)				
Overload Protection	1000VDC or 1000 VAC rms (Sine Wave)				

AC-VOLTAGE (TRUE RMS)

Range	4V	40V	400V	1000V
Resolution	0.001V	0.01V	0.1V	1V±
Accuracy	± 1.2% ± 5digit			
Input impedance	≥ 10 MΩ(approx.)			
Overload Protection	1000V DC or 1000V AC rms (Sine Wave)			
Frequency Response	45Hz + 01KHz.			

AC/DC CURRENT (TRUE RMS FOR AC)

Range	400μA	4000μA	40mA	400mA	240A	1000A	2000A
	Direct input				Clamp on (for DCM 9930A)		
Resolution	0.1μA	1μA	0.01mA	0.1mA	0.1A	1A	1A
Accuracy	± 1.2% of rdg. ± 5 dgt.				± 2% of rdg ± 8 dgt.		
Overload Protection	AC/DC 500mA (fuse)				AC/DC 1000A/1000V		

DUTY CYCLE

Range	1% to 99%
Resolution	0.1%
Accuracy	±1% of rdg. ± 5 digit
Overload protection:	1000V AC/DC

RESISTANCE

Range	400Ω	4KΩ	40KΩ	400KΩ	4MΩ	40MΩ
Resolution	0.1Ω	1Ω	10Ω	100Ω	1KΩ	10KΩ
Accuracy	± 1% of rdg. ± 5digit				± 2% of rdg. ± 2dgt.	
Overload protection:	400V DC/AC rms (Sine-Wave)					

CAPACITANCE

Range	25nF	250 nF	2.5μF	25μF
Resolution	10pF	100pF	0.001μF	0.01μF
Accuracy	± 3% of rdg ± 5digit			
Overload Protection	400V DC/AC RMS (Sine Wave)			

CONTINUITY CHECK Buzzer sound if Resistance < 10Ω

DIODE Measures forward voltage drop

FREQUENCY

Range	50Hz	500Hz	5KHz	50KHz	100KHz
Resolution	0.01Hz	0.1Hz	1Hz	0.01KHz	0.1KHz
Accuracy	± 1% of rdg. ± 5digit				
Overload protection	1000V DC / 750V AC RMS				
Amplitude	> 5V				

ACCESSORIES SUPPLIED

- 1) One set of test leads.
- 2) Carrying Case
- 3) Instruction Manual
- 4) One 9V Batt.

wehaveasolution.....

- Rev.08/09/00

NOTES 1.The Instrument is accompanied with Test & calibration sheet. 2.Test Facilities can be provided at the factory with the available test set-ups only. 3.The Company's policy is continuous improvement of its products. we therefore reserve the Right of any deviation from illustration or specifications without notice. 4.Stated accuracies are valid from 1/10th of range to FS. 5.Accuracy Specified for temperature range of 25 C ± 5 C & 55%RH ±10%.



