



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.
- 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 / (DCM 39A)		AC / DC 2000A/1000V (DCM9930A)

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	50nF	500nF	5µF	50µF
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	AC / DC 1000V				
Amplitude	> 5V				

ACCESSORIES SUPPLIED

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

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%.

we have a solution....

DBS/PC/DCM-02/Rev-02



The Motwane Manufacturing Company Pvt. Ltd.



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