



Digital Clamp Meter **DCM 30A**

FEATURES

- 3½ digit (1999 counts) Backlit LCD Display with annunciators.
- Overload protection on all ranges.
- Size (HxWxD) 260 x 91 x 44.5 mm (approx.)
- Net Weight : 435.0 gms. (approx.)
- Max jaw opening : 50 mm. (approx.)
- Power : One 9V Battery Type 6F 22 or equivalent.

ELECTRICAL SPECIFICATION

DC-VOLTAGE

Range	Resolution	Accuracy	Input Impedance
200V	0.1V	$\pm (1.0\% + 2 \text{ dgt})$	$\geq 10 \text{ M}\Omega$ approx.
1000V	1V	$\pm (1.0\% + 2 \text{ dgt})$	

Overload Protection : DC 1000V or 750 VAC True RMS

AC-VOLTAGE

Range	Resolution	Accuracy	Input Impedance	Frequency Response
200V	0.1V	$\pm(1.0\% + 3 \text{ dgt})$	$\geq 10 \text{ M}\Omega$ approx.	40Hz - 400Hz
700V	1V	$\pm(2.0\% + 5 \text{ dgt})$		

Overload Protection : DC 1000V or 750V AC True RMS.

AC-CURRENT (Through Clamp)

Range	Resolution	Accuracy
20A	20mA	$\pm (2.0\% + 5 \text{ dgt})$
200A	0.1A	
1000A	1A	$\pm(2\% + 5 \text{ dgt}) \geq 600\text{A}$ $\pm(2\% + 5 \text{ dgt}) \leq 600\text{A}$

Overload Protection : 120% of full value, Time < 60 seconds.

RESISTANCE

Range	Resolution	Accuracy
20 K Ω	10 Ω	$\pm (1.5\%+10\text{dgt})$
2 M Ω	1K Ω	

Overload Protection : 250VDC or AC True RMS

FREQUENCY (Auto Ranging)

Range	Resolution	Accuracy
2KHz	1Hz	$\pm (0.1\% + 3\text{dgt})$
20KHz	10Hz	
200KHz	100Hz	
2MHz	1KHz	
20MHz	10 KHz	

Overload Protection : 250V AC True RMS

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 $25^{\circ}\text{C} \pm 5^{\circ}\text{C}$ & 55%RH $\pm 10\%$.



we have a solution....

DBS/PC/DCM-01/Rev-02

- Continuity** : Buzzer Sound if resistance < 30 Ω
- Diode** : Measures forward voltage drop
- Accessories** : a) One set of test lead.
- Supplied** : b) Operating manual.
- c) Carrying case.
- d) One 9V Battery.



The Motwane Manufacturing Company Pvt. Ltd.



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