



## 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 $\Omega$	10 $\Omega$	$\pm (1.5\%+10\text{dgt})$
2 M $\Omega$	1K $\Omega$	

**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



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

*we have a solution....*

DBS/PC/DCM-01/Rev-02

**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  $\pm$  5°C & 55%RH  $\pm$  10%.