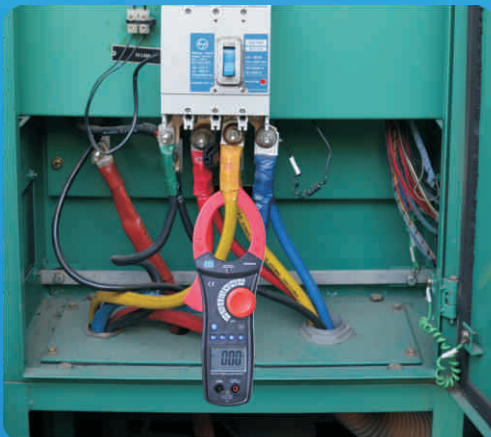


**DIGITAL CLAMP METER
DCM45A**

SINGLE SOLUTION DELIVERING MULTIPLE APPLICATIONS

- True RMS, $3\frac{3}{4}$ digits (4000 counts) ,Auto/Manual ranging
- 600V AC / DC & Up to 1000A AC / DC
- NCV (Non contact voltage detector) detects presence / absence of voltage
- Temperature measurement
- 52mm clamp jaw size
- Overload indication 'OL'
- Auto Power off / Data Hold / Zero Adjustment/ Peak Hold



TECHNICAL SPECIFICATION

AC & DC Current (through clamp)

Range	Resolution	Accuracy (% of reading)
40.00 A	0.01A	$\pm (2.8\% + 10d)$
400.0 A	0.1A	$\pm (2.8\% + 8d)$
1000 A	1A	$\pm (3.0\% + 8d)$

DC-Voltage

Range	Resolution	Accuracy (% of reading)	Input Impedance
400.0mV	0.1mV	± (0.8% + 2d)	10MΩ
4.000V	0.001V	± (1.5% + 2d)	
40.00V	0.01V		
400.0V	0.1V		
600V	1V	± (2.0% + 2d)	

AC Voltage

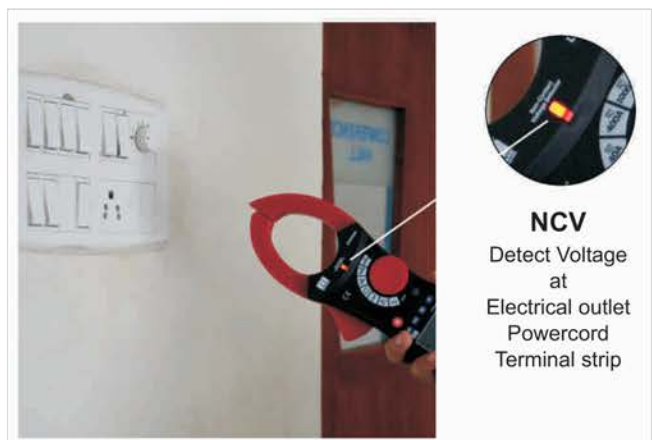
Range	Resolution	Accuracy (% of reading)	Input Impedance
400.0mV	0.1mV	± (1.0% + 10d)	10MΩ
4.000 V	0.001V	± (1.5% + 5d)	
40.00 V	0.01V		
400.0 V	0.1V		
600 V	1V	± (2.0% + 8d)	

Resistance

Range	Resolution	Accuracy (% of reading)
400.0 Ω	0.1 Ω	$\pm (1.0\% + 4d)$
4.000K Ω	1 Ω	$\pm (1.5\% + 2d)$
40.00K Ω	10 Ω	
400.0K Ω	100 Ω	
4.000M Ω	1K Ω	$\pm (2.5\% + 5d)$
40.00M Ω	10K Ω	$\pm (3.5\% + 10d)$

Temperature (Type K)	-20°C to 760°C	$\pm (3\% + 5^{\circ}\text{C})$
	-4°F to 1400°F	$\pm (3\% + 9^{\circ}\text{F})$

Display	: LCD
Low Battery Indication	:  is displayed
Capacitance (Auto ranging)	: 4nF to 40mF (Refer user manual for details)
Frequency	: 4.0KHz ($\pm (1.5\% + 2d)$)
Frequency (Sensitivity)	: 100V (<50Hz); 50V (50 to 400Hz); 5V (401 to 4000Hz)
Diode Test	: Test current of 0.3mA typical; Open circuit voltage 1.5V DC typical
Continuity Check	: Threshold 40 Ω ; Test current < 0.5mA
Peak	: Captures peaks >1ms
Input Impedance	: 10M Ω (VDC and VAC)
Sampling Rate	: 2 per second, nominal
Auto Power Off	: After 30min approx.
Operating Temperature	: 5°C to 40°C
Operating Humidity	: Max 80% upto 87°F (31°C) decreasing linearly to 50% at 104°F (40°C)
Battery	: One "9V" Battery
Dimensions/Weight	: 271 x 93 x 47mm / 500g approx.
Safety	: CE, CAT IV 600V, CAT-III 1000V, EN-61010-1
Standard Accessories	: Test leads, Calibration certificate, Instruction manual, Carrying case, Bead K type thermocouple



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.