

DIGITAL CLAMP METER DT225

APPLICATION: This is a 3½ Digits TRMS Clamp Meter with Backlight. This instrument can be used to measure, AC/DC Voltage, AC Current, Capacitance, Resistance, Diode, Continuity Test and other parameters. It is an ideal tool for the Electricians, Engineers, Factories, Industries, Laboratories, Students, Household.

FEATURES:

- Display: 3 ½ digits with 4000 Counts with Backlight.
- Data Hold Function for all Ranges.
- Low Battery Indication
- Overload Protection
- Over Range Indication.
- NCV TEST, Torch
- Operating Temperature & Humidity: 0°C To 50°C, < 80% RH.
- Storage Temperature & Humidity: -20°C To 60°C, < 80% RH
- Reading Rate: 3 Times /second
- Display Size: 33 X 26 mm
- Clamp Jaw Opening Size: 26 mm.
- Power Supply: 1.5 Volt AAA Size Battery
- Unit Size: 185 x 71 x 35mm
- Weight: 145g Including Batteries
- Accessories: Instruction Manual 1set Test Lead, 2pcs 1.5V AAA Size Battery.



SPECIFICATION:

DC Voltage

Ranges	Resolution	Accuracy
4V	0.001V	$\pm (0.8\% + 3)$
40V	0.01V	
400V	0.1V	
600V	1V	$\pm (1.0\% + 3)$

Max. Input Voltage: 600V DC

Input impedance: 10MΩ

AC Voltage

Ranges	Resolution	Accuracy
4V	0.001V	$\pm (1.0\% + 10)$
40V	0.01V	
400V	0.1V	
600V	1V	$\pm (1.2\% + 10)$

Input impedance: 10MΩ,

Maximum input voltage: 600 V

AC

Frequency Range: 40Hz ~ 1KHz

Response: True RMS

Note: AC/DC Voltage

AC CURRENT

Ranges	Resolution	Accuracy
4A	0.001A	$\pm (2.5 \% + 10)$
40A	0.01A	
400A	0.1A	
600A	1A	

Maximum input current: 600A

Frequency Range: 50Hz ~ 60Hz/ Response: True RMS

*When measuring AC current, place the conductor to be measured in the centre of the clamp head. If it is not placed in the centre, then the maximum position error can be increased by 1.5%

CAPACITANCE

RANGE	RESOLUTION	ACCURACY
4nF	0.001nF	$\pm (4.0 \% + 50)$
40nF	0.01nF	
400nF	0.1nF	
4uF	0.001uF	
40uF	0.01uF	
400uF	1uF	$\pm (4.0 \% + 3)$
4mF	0.001mF	
40mF	0.01mF	

DIODE

Range	Resolution	Accuracy
	1mV	Forward voltage drop value (open circuit voltage about 2.3V)

Overload: 600V DC or 600V rms AC

CONTINUITY

Range	Resolution	Accuracy
	0.1Ω	Beeper sounds when resistance is less than 50 ohm (open circuit voltage about 2.1V)

Overload protection: 600V DC or 600V

RESISTANCE

RANGE	RESOLUTION	ACCURACY
400Ω	0.1Ω	$\pm (1.2 \% + 3)$
4kΩ	0.001kΩ	
40kΩ	0.01kΩ	
400kΩ	0.1kΩ	
4MΩ	0.001MΩ	
40MΩ	0.01MΩ	$\pm (2.0 \% + 5)$

Overload Protection 250V DC /AC

ACCESSORIES:

Instruction Manual, 1 Set of Test Lead, 1pc 9V Battery & carrying Pouch

