

DIGITAL TRUE RMS LEAKAGE CLAMP METER DT630

APPLICATION: This is a 3¾ Digits True RMS Leakage Clamp Meter with Backlight. This instrument can be used to measure, AC/DC Voltage, AC/DC Current, Resistance, Frequency, Continuity Test, NCV, Live Testing and other parameters. It is an ideal tool for the Electricians, Engineers, Factories, Industries, Laboratories, Students, Household.

FEATURES:

- Display: 3¾ Digits 6000 Counts LCD Display.
- NCV & Live testing mode.
- Low Battery Indication
- Over Range Indication “OL”
- Backlight
- Operating Temperature & Humidity: 0°C To 40°C, <80%RH
- Storage Temperature & Humidity: -10°C To 50°C, <75%RH
- Clamp Jaw Opening Size: 21mm
- Display Size: 38 X 24 mm
- Power supply: 1.5V AAA Battery x2 □ Dimension: L179×W67×H36 mm
- Weight: 137gms.
- Accessories: Instruction Manual, 1.5V AAA Battery x2, 1Set Test lead, Carrying Pouch.



SPECIFICATION:

1. DC Current

<u>Range</u>	<u>Resolution</u>	<u>Accuracy</u>
6A	0.001A	±(2.5%+10Counts)
60A	0.01A	
100A	0.1A	

Maximum input Current 100A DC Current Zero function activation,
The accuracy can be ensured.

2. AC Current

<u>Range</u>	<u>Resolution</u>	<u>Accuracy</u>
600mA	0.1mA	±(3%+10Counts)
6A	0.001A	
60A	0.01A	±(2.5%+10Counts)
100A	0.1A	

Maximum input Current 100A.
True-RMS Measurement.
Frequency response 50Hz-60Hz.

3. Frequency

<u>Range</u>	<u>Resolution</u>	<u>Accuracy</u>
60.0Hz	0.1Hz	±(1.5%+5Counts)
1000Hz	1Hz	±(1.5%+5Counts)

Range : 45Hz-1000Hz

Measure from Jaws:

<u>Range</u>	<u>Resolution</u>	<u>Accuracy</u>
60.0Hz	0.1Hz	±(1.0%+5Counts)
1000Hz	1Hz	±(1.0%+5Counts)

Range : 45Hz-1000Hz

4. DC Voltage

<u>Range</u>	<u>Resolution</u>	<u>Accuracy</u>
600V	0.1V	±(1.0%+5Counts)

Input impedance : 10MΩ

Maximum input Voltage : 600V DC

5. AC Voltage

<u>Range</u>	<u>Resolution</u>	<u>Accuracy</u>
600V	0.1V	±(1.0%+3Counts)

Input impedance : 10MΩ

Maximum input Voltage : 600V DC

True-RMS, Frequency response: 45 – 1000HZ


6. Resistance

<u>Range</u>	<u>Resolution</u>	<u>Accuracy</u>
6000Ω	1Ω	±(1.0%+3Counts)

Overload Protection : 250V DC or AC RMS

Overload Sign : OL

7. Buzzer

<u>Range</u>	<u>Resolution</u>	<u>Accuracy</u>
	1Ω	If the resistance is <30 Ω, the Continuity beeper Sounds.

Overload Protection : 250V DC or AC RMS