

DIGITAL TRUE RMS LEAKAGE CLAMP METER DT630

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

FEATURES:

- Display: 3½ 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, <70%RH
- Clamp Jaw Opening Size: 30mm
- 600V Cat III
- Power supply: 1.5V AAA Battery x2
- Dimension: L197×W66×H30 mm
- Weight: 138gms.

SPECIFICATION:

1. DC Current

Range	Resolution	Accuracy
6A	1mA	±(3.5%+10Counts)
60A	10mA	
100A	100mA	

Maximum input Current 100A DC Current.

2. AC Current

Range	Resolution	Accuracy
6A	1mA	±(3.5%+10Counts)
60A	10mA	
100A	100mA	

Maximum input Current 100A.

True-RMS Measurement.

Frequency response 50Hz-60Hz.



Frequency

Range	Resolution	Accuracy
60Hz	0.01Hz	±(1 % + 5 Counts)
600Hz	0.1Hz	
6KHz	0.001KHz	

Overload protection 250V AC/DC

3. DC Voltage

Range	Resolution	Accuracy
6V	0.001V	±(0.8% + 3 Counts)
60V	0.01V	
600V	0.1V	±(1.2% + 3 Counts)

Minimum measurement Voltage : 0.8V DC

Maximum input Voltage : 600V DC RMS

4. AC Voltage

Range	Resolution	Accuracy
6V	0.001V	±(1.0% + 3 Counts)
60V	0.01V	±(1.0% + 3 Counts)
600V	0.1V	±(1.5% + 3 Counts)

Minimum measurement Voltage : 1V AC

Maximum input Voltage : 600V AC RMS

5. Resistance

Range	Resolution	Accuracy
600Ω	0.1Ω	±(1.2% + 3 Counts)
6KΩ	0.001KΩ	
60KΩ	0.01KΩ	
600KΩ	0.1KΩ	
6MΩ	0.001MΩ	±(1.8% + 3 Counts)
60MΩ	0.01MΩ	±(2.0% + 3 Counts)

Overload Protection : 250V DC/AC

CAPACITANCE:

RANGE	RESOLUTION	ACCURACY
6nF	0.001nF	For reference only
60nF	0.01nF	±(4.5% of reading + 5)
600nF	0.1nF	
6μF	0.001μF	
60μF	0.01μF	
600μF	0.1μF	
6mF	0.001mF	
60mF	0.01mF	

Overload protection: 250V DC/AC

OTHER FUNCTION

RANGE	DISPLAY
Diode	Display the approximate Value of Diode forward voltage drop
Continuity	Built in buzzer sound when the tested resistance is <50Ω
NCV	Display the analogue bar strength according to the power supply near and far and emit different frequencies of the call
LIVE	Analog strip display and alarm sound when testing energized conductor, no reaction for natural wire.
SHUTDOWN	No signal input for 10 minutes, the meter will shut down automatically.

ACCESSORIES:

Instruction manual, Test Leads, 1.5V AAA Batteries, Thermocouple, Cloth Bag.

TEMPERATURE:

RANGE	RESOLUTION	ACCURACY
-20~1000°C	1°C (2°F)	±(2.5% of reading + 5)
-4°F ~1832°F		±(2.5% of reading + 6)