

# Digital Clamp Meter Multimeter

This digital clamp meter is designed for measuring AC/DC current and voltage, resistance, capacitance, and frequency. It features a 45mm jaw and offers data hold, max/min value recording, and relative measurement capabilities.



## ADDITIONAL IMAGES



## Product Overview



Front view showing the large LCD display, selection dial, and function buttons including True RMS and Inrush current measurement.

### Professional Digital Clamp Multimeter

The HP-870N is a versatile AC/DC digital clamp meter designed for high-capacity electrical testing. It features True RMS measurement for accuracy in non-sinusoidal waveforms and a large 45mm jaw diameter for inducing currents up to 1000A. With integrated functions for voltage, resistance, capacitance, and frequency, it provides a comprehensive solution for industrial and DIY electrical troubleshooting.

## Key Performance Metrics



The 45mm jaw caliber is designed to induce larger currents safely and efficiently.

### Key Performance Metrics

**1000 A**

Max Current

**1000 V**

Max DC Voltage

**45 mm**

Jaw Opening

**6000**

Display Counts

## Measurement Ranges

Voltage Range	600mV / 6V / 60V / 600V / 750V / 1000V
Current Range	200A / 1000A (AC/DC)
Resistance Range	600 $\Omega$ to 60M $\Omega$
Capacitance Range	9.999nF to 99.99mF
Frequency Range	9.999Hz to 9.999MHz

## Advanced Features



Supports mobile app connection for data logging and real-time monitoring of AC/DC measurements.

Functional Capabilities	True RMS, Auto Ranging, Data Hold, Inrush Current Test, Relative Value, Diode Test, Backlight, Auto Calibration
Data Connectivity	Yes

## Safety & Standards

### Safety Ratings

CAT III 1000V • CAT IV 600V • CE Certified • RoHS

## Physical Specifications

Dimensions	225 x 97 x 40 mm
Weight	450 g
Operating Temperature	-20°C to 1000°C