

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 Ω to 60M Ω
Capacitance Range	9.999nF to 99.99mF
Frequency Range	9.999Hz to 9.999MHz

Advanced Features

1000A

High precision

AC and DC



MOBILE APP CONNECTION
via Bluetooth



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