

3000A True RMS Digital Clamp Meter

This clamp meter measures up to 3000A current with full range over current protection. It has low power consumption and stable performance.



ADDITIONAL IMAGES



Overview

High-Capacity 3000A True RMS Clamp Meter

The 860N is a professional-grade digital clamp meter designed for high-current applications up to 3000A with True RMS accuracy. It features a robust design with anti-dropping capacity and full-range over-current protection, making it ideal for heavy industrial environments like smelting, petroleum refining, and power generation. The device is equipped with practical field features including a built-in flashlight, magnetic back for hands-free use, and integrated test lead fixers.

Key Performance Metrics



The device supports high-current AC/DC measurement up to 3000A.

Key Performance Metrics

3000 A Max AC/DC Current	1000 V Max DC Voltage	750 V Max AC Voltage	6000 Display Counts
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Measurement Capabilities

Detailed Measurement Ranges

Function	Range	Best Accuracy
DC Voltage	600mV to 1000V	$\pm(1.0\% + 5 \text{ digits})$
AC Voltage	600mV to 750V	$\pm(1.5\% + 5 \text{ digits})$
DC Current	200A to 3000A	$\pm(3.0\% + 10 \text{ digits})$
AC Current	200A to 3000A	$\pm(3.5\% + 12 \text{ digits})$
Resistance	600 Ω to 60M Ω	$\pm(1.0\% + 8 \text{ digits})$
Capacitance	9.999nF to 99.99mF	$\pm(2.5\% + 10 \text{ digits})$
Frequency	9.999Hz to 9.999MHz	$\pm(0.5\% + 15 \text{ digits})$
Temperature	-20 to 1000 / -4°F to 1832°F	$\pm(2.0\% + 3 \text{ digits})$

Advanced Features



User interface overview including rotary switch, function keys, and large LCD display.

Functional Features

- True RMS Measurement
- Auto Ranging
- Inrush Current Measurement
- Data Hold & Backlight
- MAX/MIN Value Recording
- Relative Measurement (REL)
- Duty Cycle (0.1% to 99.9%)
- Diode & Continuity Testing
- Built-in Work Light / Flashlight

Physical Design

Design Attributes

- Anti-dropping housing
- Magnetic back for mounting
- Integrated test lead fixer
- Large LCD display
- Full range over-current protection

Applications

Target Industries

Smelting, Communications, Manufacturing, Petroleum Refining, National Defense, Electricity, Chemical Industry

Compliance

Certifications

CE Certified