

# 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

## 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 $\Omega$ to 60M $\Omega$	$\pm(1.0\% + 8 \text{ digits})$
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