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# 1ϕ 3ϕ 1000A AC Power Clamp Meter

***Measures Current, Insulation Resistance, Temperature (Type K) and Power***

*Including True Power, Apparent Power, and Reactive Power*

## 380976 Features:

- Large dual LCD display (9999 count)
- Measures 1f/3fTrue Power (kW), Apparent Power (kVA), and Reactive Power (kVAR), plus Horsepower (HP), Power Factor, and Phase Angle with Lead/Lag indicator
- AC+DC µA current with 10nA resolution for flame rod tests
- Max/Min recording with elapsed time indication
- Auto Detect AC/DC Voltage measurements with simultaneous frequency display
- Capacitance to 7000µF with 0.001µF resolution
- High Resistance tests to 100MΩ
- Type K, °C/°F switchable, temperature to 1000°F
- Diode and Continuity tests
- Auto power off with disable feature
- 1.6" (40mm) clamp jaw opening
- Complete with test leads, Type K probe (-58 to 482°F/ -50 to 250°C), carrying case and 9V battery

## Applications:

- AC Power evaluation
- Motor/Generator installation and repair
- HVAC flame rod tests
- Capture max/min temperature or current values
- Category III rating for industrial measurements

True Power and Phase Indication for enchanced versatility and performance.

| Function | Max Range / Resolution | Basic Accuracy |
|---|---|---|
| True Power (W): | 600kW / 10W | ±5%+ 20d |
| Apparent Power(kVA): | 600kVA / 10kVA | ±2%+ 20d |
| Reactive Power (kVAR) | 600kVAR/10VAR | ±5%+ 20d |
| Horsepower (HP) | 800HP/0.01HP | ±5%+ 20d |
| Phase Angle (f): | -60 to +60° / 0.1° | ±6° |
| AC Current: (Trms): | 1000A / 10mA | ±2%+ 20d |
| uA Current (AC+DC) (Trms): | 1000µA / 10nA | ±1%+ 20d |
| AC/DC Voltage: (Trms): | 600V / 0.1mV | ±1%+ 20d |
| Resistance (Ω): | 1000kΩ / 0.1Ω | ±1%+ 10d |
| Resistance (MΩ): | 100MΩ / 1kΩ | ±5%+ 10d |
| Capacitance: | 7000µF / 1nF | ±1.5%+ 5d |
| Frequency: | 40Hz to 1kHz / 0.1Hz | ±0.5%+ 2d |
| Temperature (Type K): | -58 to 1000°F / 0.1°F<br>-50 to 900°C / 0.1°C | ±1%+ 2°F<br>±1%+ 1°C |
| Dimensions: | 9 x 3 x 1.6" (228 x 76 x 39mm) | |
| Weight: | 16.4oz (465g) | |

## Ordering Information:

**380976** .....3-Phase True RMS Power Clamp Meter
**380976-NIST** .....3-Phase True RMS Power Clamp Meter with Calibration Traceable to NIST
**480172** .....AC Line Splitter

c UL us LISTED CE EN 61010-1 CAT III 600V 1 YEAR WARRANTY



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