

# 1 $\phi$ 3 $\phi$ 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/3f True Power (kW), Apparent Power (kVA), and Reactive Power (kVAR), plus Horsepower (HP), Power Factor, and Phase Angle with Lead/Lag indicator
- AC+DC  $\mu$ A 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 7000 $\mu$ F with 0.001 $\mu$ F resolution
- High Resistance tests to 100M $\Omega$
- Type K,  $^{\circ}$ C/ $^{\circ}$ F switchable, temperature to 1000 $^{\circ}$ 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 $^{\circ}$ F/-50 to 250 $^{\circ}$ 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 enhanced versatility and performance.

Function	Max Range / Resolution	Basic Accuracy
True Power (W):	600kW / 10W	$\pm 5\% + 20d$
Apparent Power(kVA):	600kVA / 10kVA	$\pm 2\% + 20d$
Reactive Power (kVAR)	600kVAR/10VAR	$\pm 5\% + 20d$
Horsepower (HP)	800HP/0.01HP	$\pm 5\% + 20d$
Phase Angle (f):	-60 to +60 $^{\circ}$ / 0.1 $^{\circ}$	$\pm 6^{\circ}$
AC Current: (Trms):	1000A / 10mA	$\pm 2\% + 20d$
$\mu$ A Current (AC+DC) (Trms):	1000 $\mu$ A / 10nA	$\pm 1\% + 20d$
AC/DC Voltage: (Trms):	600V / 0.1mV	$\pm 1\% + 20d$
Resistance ( $\Omega$ ):	1000k $\Omega$ / 0.1 $\Omega$	$\pm 1\% + 10d$
Resistance (M $\Omega$ ):	100M $\Omega$ / 1k $\Omega$	$\pm 5\% + 10d$
Capacitance:	7000 $\mu$ F / 1nF	$\pm 1.5\% + 5d$
Frequency:	40Hz to 1kHz / 0.1Hz	$\pm 0.5\% + 2d$
Temperature (Type K):	-58 to 1000 $^{\circ}$ F / 0.1 $^{\circ}$ F -50 to 900 $^{\circ}$ C / 0.1 $^{\circ}$ C	$\pm 1\% + 2^{\circ}$ F $\pm 1\% + 1^{\circ}$ 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 NIST Certificate  
480172 .....AC Line Splitter

