

1 ϕ 3 ϕ 1000A AC Power Clamp Meter

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

Including True Power, Apparent Power, and Reactive Power

380976-K Features:

- Large dual LCD display (9999 count)
- Measures 1 ϕ /3 ϕ True Power (kW), Apparent Power (kVA), and Reactive Power (kVAR), plus Horsepower (HP), Power Factor, and Phase Angle with Lead/Lag indicator
- AC+DC μ 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 μ F with 0.001 μ F resolution
- High Resistance tests to 100M Ω
- 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
- Test Lead Kit includes: two CAT IV-600V 72" (1.8m) lead extensions with right angle and straight end shrouded banana plugs; two modular test probe handles with stainless steel tips; two plunger activated retractable jaw clips; two extra large alligator clips
- Complete with test lead kit, general purpose Type K thermocouple probe, 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	$\pm 5\%$
Apparent Power(kVA):	600kVA / 100VA	$\pm 2\%$
Reactive Power (kVAR)	600kVAR/10VAR	$\pm 5\%$
Horsepower (HP)	800HP/0.01HP	$\pm 5\%$
Phase Angle (ϕ):	-60 to +60 $^{\circ}$ / 0.1 $^{\circ}$	$\pm 6^{\circ}$
AC Current: (Trms):	1000A / 10mA	$\pm 2\%$
μ A Current (AC+DC) (Trms):	1000 μ A / 10nA	$\pm 1\%$
AC/DC Voltage: (Trms):	600V / 0.1mV	$\pm 1\%$
Resistance (Ω):	1000k Ω / 0.1 Ω	$\pm 1\%$
Resistance (M Ω):	100M Ω / 1k Ω	$\pm 5\%$
Capacitance:	7000 μ F / 1nF	$\pm 1.5\%$
Frequency:	40Hz to 1kHz / 0.1Hz	$\pm 0.5\%$
Temperature (Type K):	-58 to 1000 $^{\circ}$ F / 0.1 $^{\circ}$ F -50 to 900 $^{\circ}$ C / 0.1 $^{\circ}$ C	$\pm 1\%$
Dimensions:	9 x 3 x 1.6" (228 x 76 x 39mm)	
Weight:	16.4oz (465g)	

Ordering Information:

380976-K3-Phase True RMS Power Clamp Meter Kit
 380976-K-NIST380976-K w/ Calibration Traceable to NIST Standards
 480172AC Line Splitter