

1 ϕ 3 ϕ 1000A AC Power Clamp Meter

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

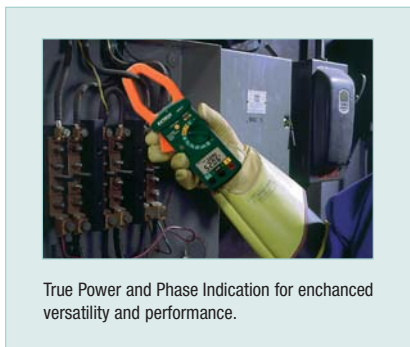
Including True Power, Apparent Power, and Reactive Power

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 | $\pm 1\%$ $\pm 1\%$ |
| Dimensions: | 9 x 3 x 1.6" (228 x 76 x 39mm) | |
| Weight: | 16.4oz (465g) | |

Contact:
Industrial Process Measurement, Inc.
3910 Park Avenue, Unit 7
Edison, NJ 08820
732-632-6400
support@instrumentation2000.com
http://www.instrumentation2000.com



Ordering Information:

380976-K.....3-Phase True RMS Power Clamp Meter Kit
380976-K-NIST380976-K w/ Calibration Traceable to NIST Standards
480172.....AC Line Splitter

http://www.instrumentation2000.com