



EXTECH

# 10 30 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 1φ/3φ True 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
- 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 enchanced versatility and performance.

### **Ordering Information:**

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

## 1.800.561.8187



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



### information@itm.com