

## Extech AC Power Clamp Meter

**NEW**

- Dual LCD display (9999 count)
- Measures 1Ø/3Ø True Power (kW), Apparent Power (kVA), 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
- Insulation Resistance tests to 100M $\Omega$
- Type K temperature to 1000°F (900°C)
- 1.6" (40mm) clamp jaw opening
- Max/Min recording with elapsed time indication
- Auto Detect AC/DC Voltage measurements with simultaneous frequency display
- Diode and Continuity tests
- Category III 600V rating


**380976**

Complete with deluxe test lead kit, general purpose Type K thermocouple probe, carrying case and 9V battery.

### SPECIFICATIONS

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:	-60 to +60° / 0.1°	$\pm 6^\circ$
AC Current (Trms):	1000A / 10mA	$\pm 2\%$
$\mu$ A Current (AC+DC Trms):	1000 $\mu$ A / 10nA	$\pm 1\%$
AC/DC Voltage (Trms):	600V / 0.1mV	$\pm 1\%$
Resistance:	1000k $\Omega$ / 0.1 $\Omega$	$\pm 1\%$
Resistance (M $\Omega$ ):	100M $\Omega$ / 1k $\Omega$	$\pm 5\%$
Capacitance:	7000 $\mu$ F / 1nF	$\pm 1.5\%$
Frequency:	40Hz to 1kHz / 0.1Hz	$\pm 0.5\%$
Temperature (Type K):	-58 to 1000°F / 0.1°F -50 to 900°C / 0.1°C	$\pm 1\%$
Dimensions:	9" x 3" x 1.6" (228 x 76 x 39mm)	

### ORDERING INFORMATION

EX/380976-K 1000A 1Ø 3Ø AC Power Clamp Meter

## Yokogawa AC/DC Clamp-On Power Meter

- AC & DC Power up to 600 kW
- True RMS for AC
- Harmonics 1st to 25th order
- Power fluctuation using the ACA Inrush and Peak Hold functions
- AC & DC Voltage to 1000 V
- AC & DC Current to 600 A
- Frequency, Resistance, Continuity, Diode check, Power factor
- White LED automatically illuminates front of jaw when clamping
- Category IV 600V & CAT III 1000V compliant


**CW10**

Complete with test leads, carrying case and 9V battery.

### SPECIFICATIONS

Function	Range	Accuracy
AC Current:	99.99 / 600.0	$\pm(1.5\% \text{ Rdg} + 5 \text{ LSD}) @ 50/60\text{Hz}$
AC Voltage:	99.99 / 999.9	$\pm(1\% \text{ Rdg} + 5 \text{ LSD}), 50\text{-}500\text{Hz}$
DC Current:	99.99 / 600.0	$\pm(1.5\% \text{ Rdg} + 5 \text{ LSD})$
DC Voltage:	99.99 / 999.9	$\pm(0.7\% \text{ Rdg} + 2 \text{ LSD})$
Active Power (kW):	9.999 / 99.99 / 600.0	$\pm(2.5\% \text{ Rdg} + 11 \text{ LSD}) \text{ AC}$ $\pm(2.2\% \text{ Rdg} + 22 \text{ LSD}) \text{ DC}$
Inrush Current:	99.99 / 600.0	$\pm(2.5\% \text{ Rdg} + 20 \text{ LSD})$
Resistance:	1k / 10k / 100k	$\pm(1.0\% \text{ Rdg} + 5 \text{ LSD})$
Frequency:	100 / 1000 / 10k	$\pm(0.5\% \text{ Rdg} + 3 \text{ LSD})$
Harmonics:	99.99%	1-12: $\pm(5\% \text{ Rdg} + 10 \text{ LSD})$ 13-25: $\pm(10\% \text{ Rdg} + 10 \text{ LSD})$
Power Factor:	-1.00 to 1.00	$\pm(3^\circ + 2 \text{ LSD})$
Peak Hold (ACV, ACA):	40% overrange	$\pm(3\% \text{ Rdg} + 15 \text{ LSD})$
Dimensions:	9.6" x 7" x 2.0" (242 x 87 x 51mm)	

### ORDERING INFORMATION

YE/CW10 AC/DC Clamp-on Power Meter

## Amprobe Compact Power Quality Clamp

- AC/DC Voltage up to 600V, AC Current up to 600A, Resistance, Frequency; Active (W), Reactive (VAR) and Apparent (VA) Power with dual display Power Factor readout, kWh Recording
- Slim jaws fit in tight spaces & accommodate conductors up to 1.02" (26mm) diameter
- Auto Selection of AC Volts, DC Volts or AC Amps
- 3 phase unbalanced load measurement by calculation of discrete single phase measurements
- Overload protection for all functions to 600V AC and DC
- Peak hold, data hold, audible continuity test
- Optional PC interface capability
- Safety CAT III 600V


**ACD-45PQ**

Supplied with test leads & battery.

### SPECIFICATIONS

Function	Range	Accuracy
AC Current:	40.00 / 400.0 / 600A	$\pm(1.0\% \text{ Rdg} + 5 \text{ LSD}) @ 50/60\text{Hz}$
AC Voltage:	600.0V	$\pm(0.5\% \text{ Rdg} + 5 \text{ LSD}) @ 50/60\text{Hz}$
DC Voltage:	600.0V	$\pm(0.5\% \text{ Rdg} + 5 \text{ LSD})$
Resistance:	999.9 $\Omega$	$\pm(1.0\% \text{ Rdg} + 6 \text{ LSD})$
Frequency:	5.00Hz to 500.0Hz	$\pm(0.5\% \text{ Rdg} + 4 \text{ LSD})$
Active Power (W):	0 to 360.0 kW	$\pm(2.0\% \text{ Rdg} + 6 \text{ LSD}) @$ Harmonics to 10th & PF 0.1 to 0.99
Reactive Power (VAR):	0 to 360.0 kVAR	$\pm(2.0\% \text{ Rdg} + 6 \text{ LSD})$ @ Harmonics to 10th & PF > 0.7
Apparent Power (VA):	0 to 360.0 kVA	$\pm(2.0\% \text{ Rdg} + 6 \text{ LSD})$ @ Harmonics to 10th
Power Factor:	0.10 to 0.99	$\pm 3 \text{ LSD} @$ Harmonics to 21th
Dimensions:	10.5" x 7" x 3.2" (267 x 178 x 82mm)	

### ORDERING INFORMATION

AB/ACD-45PQ 600A Power Quality Clamp