

Clamp Multimeters — Extend basic clamp capabilities with multimeter functions for full troubleshooting power

Safety and performance for industrial, utility or outdoor environments — CAT IV Industrial Clamp Meters



ACD-10 PLUS and ACD-10 TRMS-PLUS Clamp Multimeters with Unique Thin Jaws

ACD-14 PLUS and ACD-14 TRMS-PLUS Dual Display Digital Clamp Multimeters

With thinner jaws than standard clamp multimeters (only 0.4"/10 mm thick), the ACD-10 PLUS, ACD-10 TRMS-PLUS, ACD-14 PLUS, and ACD-14 TRMS PLUS allow access to tight measurement areas and still accommodate conductors up to 1 inch (25 cm).

The ACD-14 PLUS and ACD-14 TRMS-PLUS are the professional's choice for both HVAC and electrical applications with a complete set of measurement features including dual displays that allow you to view amperage and voltage measurements simultaneously.

- Continuity buzzer
- Hold and maximum reading functions
- Auto ranging
- Auto power off and low battery indication
- Rubber over-molded case
- Frequency is measured by either jaws or test leads (ACD-10 PLUS/ACD-10 TRMS-PLUS only)
- Microamps measurement for testing flame sensors (ACD-14 PLUS and ACD-14 TRMS-PLUS only)
- Diode test (ACD 14 PLUS and ACD-14 TRMS only)
- True-rms for more accurate readings in noisy measurement environments (ACD-10 TRMS-PLUS and ACD-14-TRMS-PLUS only)

FEATURES	ACD-14 PLUS	ACD-14 TRMS-PLUS	ACD-10 PLUS	ACD-10 TRMS-PLUS
True-rms	—	•	—	•
AC Voltage	4.000 V, 40.00 V, 400.0 V, 600 V			
DC Voltage	400.0 mV, 4.000 V, 40.00 V, 400.0 V, 600 V			
AC Current	40.00 A, 400.0 A, 600 A			
Resistance	400.0 Ω, 4.000 kΩ, 40.00 kΩ, 400.0 kΩ, 4.000 MΩ, 40.00 MΩ			
Capacitance	500.0 nF, 5.000 μF, 50.00 μF, 500.0 μF, 3000 μF			
Frequency	40 Hz → 400 Hz with Jaw, 10 Hz → 100 kHz with test leads			
Temperature	-4 °F → 999 °F (-20 °C → 537 °C)	—	—	—
Dual Displays	•	•	—	—
Micro Amps	•	•	—	—
Accommodates Conductors	up to 1.0" (25 mm) in diameter			

INCLUDED ACCESSORIES: Test leads, battery (installed), soft carrying pouch, type-K thermocouple with banana plug (ACD-14 PLUS and ACD-14 TRMS-PLUS only), users manual



RECOMMENDED ACCESSORIES

- DL248D** Deluxe Test Leads Kit (See Page 76)
- ELS2A** AC Line Splitter (See Page 18)



For detailed specifications go to www.Amprobe.com



ORDERING INFORMATION

- ACD-10 PLUS**
DIGITAL CLAMP ON METER, CAP, FREQ
- ACD-10 TRMS-PLUS**
DIGITAL CLAMP ON METER, TRUE RMS, CAP, FREQ
- ACD-14 PLUS**
DUAL DISPLAY DIGITAL CLAMP-ON MULTIMETER
- ACD-14 TRMS-PLUS**
DUAL DISPLAY DIGITAL CLAMP-ON MULTIMETER, TRMS



ACD-41PQ 1000A Power Quality Clamp ACD-45PQ Compact Power Quality Clamp

The ACD-41PQ provides a simple and effective way to verify if the electrical systems are affected by harmonics with power analysis functions to enhance troubleshooting. The compact ACD-45PQ measures energy and power on single and three-phase systems (balanced and unbalanced).

- Automatic selection of ac volts, dc volts or ac amps
- Total Harmonic Distortion to 51st harmonic (ACD-41PQ)
- Dual-display power factor readout with kWh recording (ACD-45PQ)
- Ultra slim jaws clamp around conductors in confined and difficult-to-reach-places
- Large easy-to-read LCD with backlight
- Automatic polarity
- Audible continuity
- Auto power-off
- Low battery indication
- Peak hold
- Data hold
- Optional PC communication capabilities with USB-KIT2

FEATURE	ACD-41PQ	ACD-45PQ
True-rms		•
AC Current	40.00 A, 400.0 A, 1000 A	40.00 A, 400.0 A, 600 A
AC/DC Voltage	600.0 V	
Resistance	999.9 Ω	
Continuity		•
Temperature	-58 °F → 572 °F (-50 °C → 300 °C)	—
Frequency	5.00 Hz → 500.0 Hz	
Active Power (W)	0 kW → 600.0 kW	0 kW → 360.0 kW
Reactive Power (VAR)	0 kVAR → 600.0 kVAR	0 kVAR → 360.0 kVAR
Apparent Power (VA)	0 kVA → 600.0 kVA	0 kVA → 360.0 kVA
Power Factor	0.10 → 0.99	
Energy (KWHr)	—	•
Total Harmonic Distortion (THD%)	0.0 % → 99 %	—
Accommodates Conductors	up to 1.77" (45 mm) in diameter	up to 1.02" (26 mm) in diameter

INCLUDED ACCESSORIES: Carrying case, test leads, batteries (installed), type-K thermocouple, users manual



RECOMMENDED ACCESSORIES

- DL248D** Deluxe Test Leads Kit (See Page 76)
- ELS2A** AC Line Splitter (See Page 18)
- USB-KIT2** PC software and connection kit (See Page 79)



RS-3/RS-1007 PRO CAT IV Analog Clamp Meter

Take these clamp meters to extremes. Digital clamp meters have LCD screens that tend to freeze below 32 °F (0 °C) but the Amprobe analog clamp meters can take extreme heat or cold and keep on measuring amps and volts—without problems or batteries.

- Easy-to-read rotary scale
- Works in temperatures from 5° to 122°F
- Does not need batteries to measure volts or amps
- Operates on 50 and 60Hz frequencies
- Pointer lock - data hold

FEATURE	RS-3 PRO	RS-1007 PRO
AC Voltage	150 V, 300 V, 600 V	
AC Current	6 A, 15 A, 40 A, 100 A, 300 A	15 A, 40 A, 100 A, 300 A, 1000 A
Resistance	1000 Ω	
Continuity		•
Accommodates Conductors	up to 1.64" (41 mm) in diameter	up to 1.88" (47 mm) in diameter

INCLUDED ACCESSORIES: Test leads, battery (installed, for resistance measurement only), users manual, carrying case



RECOMMENDED ACCESSORIES

- DL248D** Deluxe Test Leads Kit (See Page 76)

For detailed specifications go to www.Amprobe.com



ORDERING INFORMATION

- ACD-41PQ**
1000A CLAMP-ON POWER QUALITY METER W/THD-F
- ACD-45PQ**
600A POWER QUALITY CLAMP
- RS-1007 PRO**
CLAMP METER ANALOG CAT IV 600V-1000A, 2 INCH JAW
- RS-3 PRO**
CLAMP METER ANALOG CAT IV 600V-300A, 1 INCH JAW