



Swivel™ Clamp Meters

Get a perfect view of your measurements in tight or inconvenient spots with the patented rotating head design of Amprobe's new Swivel™ Clamp Meters. The slim jaw puts all features within easy reach for one-handed operation. It's a fast and easy way to test both HVAC and electrical applications.

- 180-degree rotating head for a perfect view of the display
- Advanced VolTect™ non-contact voltage detection
- Audible continuity
- Auto ranging for quick checks and manual ranging for precise measurements
- Data hold

FEATURE	ACD-20SW	ACD-21SW	ACD-21SWC*	ACD-22SW	ACD-23SW	BEST ACCURACY
TRMS	-	-	-	•	•	-
AC Current	40.00 A, 400.0 A					+/- (2.0 % rdg + 10 dgts) 50 Hz → 60 Hz
AC Voltage	4,000 V, 40.00 V, 400.0 V, 600.0 V					+/- (1.2% rdg + 8 dgts) → 400 V Hz
DC Voltage	400.0 mV, 4,000 V, 40.00 V, 400.0 V, 600.0 V					+/- (0.5% rdg + 2 dgts)
Resistance	400.0 Ω, 4,000 kΩ, 40.00 kΩ, 400.0 kΩ, 4,000 MΩ, 40.00 MΩ					+/- (1.0% rdg + 4 dgts) at 400 Ω → 400 kΩ ranges
Capacitance	-	4,000 μF, 40.00 μF, 400.0 μF, 4,000 μF		-	4,000 μF, 40.00 μF, 400.0 μF, 4,000 μF	+/- (3.0 % rdg + 15 dgts) on 40 μF → 400 μF ranges
Temperature	-	-30 °F → 400 °F	-35 °C → 400 °C	-	-30 °F → 400 °F, (-35 °C → 400 °C)	+/- (1 % + 2 °F) -4 °F → 400 °F +/- (1 % + 1 °C) 0 °C → 200 °C
Diode Test	•	-	-	-	-	-
VolTect™ non-contact voltage detection	70 V → 600 VAC (50 Hz → 60 Hz)					-
Backlight	-	-	-	•	•	-
Accommodates Conductors	Up to 1.18" (30 mm) in diameter					-

*ACD-21 SWC Available for sale in Canada only.

INCLUDED ACCESSORIES: Test leads, battery (installed), users manual, carrying case, type-K thermocouple (ACD-21SW, ACD-21SWC and ACD-23SW only)



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-20SW**
400A SWIVEL CLAMP
- ACD-21SW**
400A SWIVEL CLAMP
W/TEMP AND CAPACITANCE
- ACD-22SW**
TRMS 400A SWIVEL CLAMP
- ACD-23SW**
TRMS 400A SWIVEL CLAMP
W/ TEMP AND CAPACITY



Navigator™ Clamp Meters

The perfect troubleshooting tool, Amprobe's new line of Navigator™ Clamp Meters provide a snapshot of harmonics and power quality measurements to help determine if specialized equipment is needed. From min/max and power factor, to ac/dc, Navigator™ Clamp puts a wide range of measurement options at your fingertips.

Navigator™ Clamp Meters make accurate measurements so quick and easy, you can do it one handed. With the joystick control, simply highlight the desired function on the display and press "select." Save yourself time and navigate right to the answers.

- Phase rotation indication
- VolTect™ non-contact voltage detection
- Inrush current measurement for motors
- Low-pass filter for variable frequency drives
- Continuity beeper
- Min, max and smart data hold
- Peak hold
- Auto torch-light when clamping
- Large display with active backlight and analog bargraph
- Auto power-off
- Overmold body to absorb shock – drop-proof to four feet
- True-rms provides accuracy and dependability

FEATURE	ACD-50NAV	ACD-51NAV	ACDC-52NAV	ACD-53NAV	ACDC-54NAV	BEST ACCURACY
AC Current	100.00 A, 600.0 A		100.00 A, 1000.0 A		-	+/- (1.5 % rdg + 5 LSD)
DC Current	-	-	100.00 A, 600.0 A	-	100.00 A, 1000.0 A	+/- (1.5 % rdg + 5 LSD)
AC Voltage	100.00 V, 1000 V					+/- (1.0 % rdg + 5 LSD)
DC Voltage	100.00 V, 1000 V					+/- (0.7 % rdg + 2 LSD)
Resistance	1,0000 kΩ, 10,00 kΩ, 100.00 kΩ					+/- (1.0 % rdg + 3 LSD)
Frequency	20.0 Hz to 10 KHz					+/- (0.5 % rdg + 3 LSD)
Capacitance	400.0 μF, 4,000 mF					+/- (1.9 % rdg + 8 LSD)
DCμA	-	1000.0 μA	-	-	-	+/- (1.7 % rdg + 2 LSD)
Temperature	-	-50 °F → 1832 °F (-50 °C → 1000 °C)	-	-	-50 °F → 1832 °F (-50 °C → 1000 °C)	+/- (1 % rdg + 0.8 °C)
THD (Total Harmonics Distortion)	0.1% → 100.0%					+/- (3.0 % rdg + 10 LSD)
Individual Harmonics	1 → 25					-
Power	10 kW → 600 kW		10 kW → 1000 kW		-	+/- (2.5 % rdg + 5 LSD)
Power Factor	-1.00 → 1.00					+/- 3 degrees
Accommodates Conductors	Up to 1.45" (37 mm) in diameter		Up to 1.60" (40 mm) in diameter			-

INCLUDED ACCESSORIES: Test leads, users manual, batteries (installed), thermocouple (ACDC-51NAV and ACDC-54NAV only)



RECOMMENDED ACCESSORIES

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

For detailed specifications go to www.Amprobe.com



ORDERING INFORMATION

- ACD-50NAV**
600A AC NAVIGATOR CLAMP
- ACD-51NAV**
600A AC TRMS NAVIGATOR CLAMP
- ACDC-52NAV**
600A AC/DC TRMS NAVIGATOR CLAMP
- ACD-53NAV**
1000A AC TRMS NAVIGATOR CLAMP
- ACDC-54NAV**
1000A AC/DC TRMS NAVIGATOR CLAMP