



ACD-53NAV 1000A AC TRMS Navigator Clamp

The ACD-53NAV is CAT IV 600V, CAT III 1000V clamp with voltage measurement up to 1000V AC/DC. Designed for toughest electrical applications, it features Phase Rotation, Inrush Current and Low Pass filter for full diagnostic capabilities. The new innovative navigation system eliminates multiple and confusing push buttons, and replaces them with a joystick where user can select functions directly on the display.

- True RMS
- Measurements
 - Voltage up to 1000V AC/DC, Resistance, Frequency, THD (Total Harmonics Distortion) and Individual Harmonics form 1 to 25, Power, Power Factor
 - AC Current - Up to 1000A
 - Capacitance
- Phase Rotation Indication
- 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 1000 count display with active backlight and analog Bar graph
- Auto Power Off
- Maximum Jaw Opening 1.77" (45mm)
- 4 feet Drop Proof
- Deluxe Carrying Case Included
- CAT IV 600V /CAT III 1000V Safety Standard

No hassle warranty

No waiting.

*No shipping
charges.*



Our commitment to high-quality products and customer service is demonstrated by our industry exclusive "No Hassle" warranty. In the unlikely event that an Amprobe Test Tool requires warranty service, any of our local dealers are authorized to replace it, on the spot.

(note: \$500 MSLP limit)



ACD-53NAV 1000A AC TRMS Navigator Clamp

Data Sheet

General Specifications

AC Current	100.00, 1000.0A $\pm(1.5\% \text{ Rdg} + 5 \text{ LSD})$
AC Voltage	100.00V, 1000V $\pm(1.0\% \text{ Rdg} + 5 \text{ LSD})$
DC Voltage	100.00V, 1000V $\pm(0.7\% \text{ Rdg} + 2 \text{ LSD})$
Resistance	1.0000K Ω , 10.00K Ω , 100.00K Ω $\pm(1.0\% \text{ Rdg} + 3 \text{ LSD})$
Frequency	20.0Hz to 10KHz $\pm(0.5\% \text{ Rdg} + 3 \text{ LSD})$
Capacitance	400.0 μ F, 4.000mF $\pm(1.9\% \text{ Rdg} + 8 \text{ LSD})$
THD (Total Harmonics Distortion)	0.1% to 100.0% $\pm(3.0\% \text{ Rdg} + 10 \text{ LSD})$
Individual Harmonics	1 to 25
Power	10kW ~ 1000kW $\pm(2.5\% \text{ Rdg} + 5 \text{ LSD})$
Power Factor	-1.00 to 1.00 ± 3 degrees
Battery Type	one 9V alkaline battery
Dimension	L260 x W87.3 x H51mm (10.2 x 3.4 x 2in)
Weight	420 g (0.93 lb)
Included Accessories	Test Leads (1 pair), Users Manual, Carrying case.

Amprobe® Test Tools
website: www.Amprobe.com
email: info@amprobe.com
Everett, WA 98203
Tel: 877-AMPROBE

Amprobe® Test Tools Europe
In den Engematten 14
79286 Glottertal, Germany
Tel.: +49 (0) 7684 8009 - 0

©2010 Amprobe Test Tools. All rights reserved.
12/2010 ACD-53NAV_DS Rev A