BEHA·AMPROBE®

www.beha-amprobe.com



CAT IV Navigator™ Clamps Meters

Easy to use navigation for precise measurements



Complete with a full range of diagnostic capabilities including phase sequence, power and power factor, total harmonics distortion and individual harmonics, inrush current and low pass filter, the Beha-Amprobe Navigator Clamp serves as a first line of defense for spot checking and verifying system conditions before deploying more specialized tools -- or incurring additional costs. It is rated CAT IV 600 V, CAT III 1000 V meter with voltage measurement up to 1000 V AC/DC. The innovative navigation system eliminates confusing push buttons, and replaces them with a single joystick allowing the user to select functions directly on the display.

- **TRMS Measurement**
- **Measurements**
  1. **Voltage up to 1000 V AC/DC, resistance, frequency, THD (Total Harmonics Distortion) and individual harmonics form 1 to 25, power, power factor**
  2. **AC Current**
     - Up to 600 A (ACD-50NAV, ACD-51NAV, ACDC-52NAV)
     - Up to 1000 A (ACD-53NAV, ACDC-54NAV)
  3. **DC Current**
     - Up to 600 A (ACDC-52NAV)
     - Up to 1000 A (ACDC-54NAV)
  4. **Capacitance**
  5. **Temperature measurement in °C or °F (ACD-51NAV, ACDC-54NAV only) - Temp. adapter and probe included**
  6. **DC micro amps (ACD-51NAV only)**
- **Maximum jaw opening**
  - 1.45" (37mm): ACD-50NAV, ACD-51NAV, ACDC-52NAV
  - 1.77" (45mm): ACD-53NAV, ACDC-54NAV

- **Phase rotation indication**
- **Non-contact voltage detection**
- **Continuity Beeper**
- **Min, Max and Smart Data Hold**
- **Auto torch-light when clamping**
- **Inrush current measurement for motors**
- **Peak hold**
- **Low pass filter for variable frequency drives**
- **Large 10,000 count display with active backlight and analog bar graph**
- **Auto Power Off**
- **4 feet drop proof**
- **Deluxe carrying case Included**
- **CAT IV 600 V /CAT III 1000 V safety standard**

CAT IV NAVIGATOR™ CLAMPS METERS

It's all about easy and reliable measurements. Amprobe's new line of Navigator clamp meters feature quick, easy to use single hand selection of measurements. The joy stick control allows quick selection of measurement features on the display from MAX/MIN to power factor to AC/DC, with many more available. Simply highlight the desired measurement feature using the joy stick and press to select. Rugged and CAT IV reliable, these units also feature, super bright backlight display, built-in jaw flashlight and overmold bodies to absorb shock -- all you need for commercial and industrial environments.

Individual Models and Descriptions:

ACD-50NAV	600A AC Navigator Clamp
ACD-51NAV	600A AC TRMS Navigator Clamp
ACD-52NAV	600A AC / DC TRMS Navigator Clamp
ACD-53NAV	1000A AC TRMS Navigator Clamp
ACD-54NAV	1000A AC / DC TRMS Navigator Clamp

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CAT IV NAVIGATOR™ CLAMPS METERS GENERAL SPECIFICATIONS

Feature	ACD-50NAV	ACD-51NAV	ACDC-52NAV	ACD-53NAV	ACDC-54NAV	Accuracy
AC Current	100.0, 600.0A			100.0, 1000A		± (1.5% Rdg + 5 LSD)
DC Current			100.0, 600.0A		100.0, 1000A	± (1.5% Rdg + 5 LSD)
AC Voltage	100.0V, 1000V					±(1.0% Rdg + 5 LSD)
DC Voltage	100.0V, 1000V					±(0.7% Rdg + 2 LSD)
Resistance	1.000KΩ, 10.00KΩ, 100.0KΩ					±(1.0% Rdg + 3 LSD)
Frequency	20.0Hz to 10KHz					±(0.5% Rdg +3 LSD)
Capacitance	400.0µF, 4.000mF					±(1.9% Rdg + 8 LSD)
DCµA		1000µA				±(1.7% Rdg + 2 LSD)
Temperature		-58F to 1832F (-50°C to 1000°C)			-58F to 1832F (-50°C to 1000°C)	±(1% Rdg + 0.8°C)
THD (Total Harmonics Distortion)	0.1% to 100.0%					±(3.0% Rdg + 10 LSD)
Individual Harmonics	1 to 25					
Power	10kW to 600kW			10kW to1000kW		±(2.5% Rdg + 5 LSD)
Power Factor	-1.00 to 1.00					± 3 degrees
Dimension (HxWxD)	238.3 x 87.3 x 51.0mm (9.4 x 3.4 x 2in)	238.3 x 87.3 x 51.0mm (9.4 x 3.4 x 2in)	238.3 x 87.3 x 51.0mm (9.4 x 3.4 x 2in)	260 x 87.3 x 51.0mm (10.2 x 3.4 x 2in)	260 x 87.3 x 51.0mm (10.2 x 3.4 x 2in)	
Weight	380g (0.84lb)	380g (0.84lb)	380g (0.84lb)	420g (0.93lb)	420g (0.93lb)	
Accessory	Test leads (one pair), Carrying case and Manual	Test leads (one pair), Temp. adapter probe, Carrying case and Manual	Test leads (one pair), Carrying case and Manual	Test leads (one pair), Carrying case and Manual	Test leads (one pair), Temp. adapter probe, Carrying case and Manual	

For complete specifications please download the product datasheet and the users manual on www.beha-amprobe.com.

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Click to view pricing, inventory, delivery, and lifecycle information:

Beha-Amprobe:

2100-BETA 2100-alpha 33XR-A-D 4560615 ACDC-54NAV 37XR-A LM-120 4560603 AMP-25-EUR AMP-310-EUR IR-730-EUR 2727739 4918085 AMP-220-EUR DAA-32 PRM-5-EUR 4980707 4980695 CC-2100-DELTA TMD-50 AMP-210-EUR 2100-GAMMA 3156830 NCV-1040-EUR PRM-6-EUR 2100-DELTA 4373980 AMP-320-EUR AMP-330-EUR PROINSTALL-TL-KIT