



## ACD-6 PRO 1000A Clamp-on Multimeter

Simple to operate and well-suited for high current applications.

- 1000 Amp AC current
- AC/DC voltage to 600V
- Resistance
- Continuity Beeper
- Relative zero mode
- Auto power off
- Data hold
- Carrying case included
- Large, easy to read digital display
- Accommodates conductors up to 45mm (1.77") in diameter



ACD-6 PRO

### 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)



**Electrical Specifications**

Accuracy is ±(% reading digits + number of digits) or otherwise specified, at 23 °C ± 5 °C (73°F ± 9°F) & less than 75% R.H.

	Range	Accuracy
<b>DC Voltage</b>		
	400.0 mV	1.0% + 3d
	4.000V, 40.00V, 400.0V	1.7% + 3d
	600V	2.0% + 4d
NMRR :	>50dB @ 50/60Hz	
CMRR :	>120dB @ DC, 50/60Hz, Rs=1kΩ	
Input Impedance:	10MΩ, 30pF nominal (1000MΩ for 400.0mV range)	
<b>Audible Continuity Tester</b>		
Open Circuit Voltage:	0.4VDC typical	400.0Ω
Audible threshold:		1.5% + 6d
		between 10Ω and 120Ω.
<b>Resistance</b>		
	400.0Ω	1.5% + 6d
	4.000kΩ, 40.00kΩ, 400.0kΩ	1.0% + 4d
	4.000MΩ	1.5% + 4d
	40.00MΩ	2.5% + 4d
Open Circuit Voltage:	0.4VDC typical	
<b>AC Voltage</b>		
	50Hz -- 500Hz	400.0mV <sup>1)</sup>
	50Hz -- 60Hz	4.000V, 40.00V, 400.0V
	60Hz -- 500Hz	4.000V, 40.00V, 400.0V
	50Hz -- 500Hz	600V
		4.0% + 5d
		2.0% + 5d
		2.5% + 5d
		3.0% + 5d
CMRR :	>60dB @ DC to 60Hz, Rs=1kΩ	
Input Impedance :	10MΩ, 30pF nominal	
<sup>1)</sup> Selection by RANGE button manually, and is specified from AC 40mV (AC 60mV for True RMS model ACD-6 TRMS-PRO) and up		
<b>Diode Tester</b>		
	Open Circuit < 1.6 VDC	
	Voltage Test Current (Typical) 0.4mA	
<b>AC Current (Clamp-on)</b>		
	50Hz / 60Hz	400.0A
		1000A
		1.5% + 5d
		1.5% + 5d

<sup>1)</sup> Add 8d to specified accuracy while reading is below 15% of range

<sup>2)</sup> Induced error from adjacent current carrying conductor: < 0.06A/A

<sup>3)</sup> Specified accuracy is for measurements made at the jaw center. When the conductor is not positioned at the jaw center, position errors introduced are: Add 1% to specified accuracy for measurements made WITHIN jaw marking lines (away from jaw opening) Add 4% to specified accuracy for measurements made BEYOND jaw marking lines (toward jaws opening)

**General Specifications**

<b>Display :</b>	3-3/4 digits 4000 counts LCD display
<b>Update Rate :</b>	3 per second nominal
<b>Polarity :</b>	Automatic
<b>Low Battery :</b>	Below approx. 2.4V
<b>Operating Temperature :</b>	0°C TO 40°C (32°F TO 104°F)
<b>Relative Humidity :</b>	Maximum relative humidity 80% for temperature up to 31°C decreasing linearly to 50% relative humidity at 40°C
<b>Altitude :</b>	Operate below 6,562ft (2000m)
<b>Storage Temperature :</b>	-20°C to 60°C (-4°F to 140°F), < 80% R.H. (with battery removed)
<b>Temperature Coefficient :</b>	nominal 0.15 x (specified accuracy)/°C @ 0°C -18°C or 28°C -40°C (32°F - 64°F OR 82°F - 104°F), or otherwise specified
<b>Sensing :</b>	Average sensing
<b>Safety :</b>	Meets EN61010-1:2001; IEC61010-2-032(1994), EN61010-2-032(1995), UL3111-2-032(1999). Category III 600 Volts AC & DC.
<b>Transient protection :</b>	6.5kV (1.2/50µs surge) for all models
<b>Pollution degree :</b>	2
<b>E.M.C. :</b>	Meets EN61326 In an RF field of 3V/m: Total Accuracy = Specified Accuracy + 45 digits Performance above 3V/m is not specified
<b>Overload Protections :</b>	ACA Clamp-on jaws : AC 1000A rms continuous & COM terminals (all functions) : 600VDC/VAC rms
<b>Power Supply :</b>	One 3V coin battery (ANSI/NEDA-5004LC, IEC-CR2032)
<b>Power Consumption :</b>	2.2 mA typical
<b>APO Timing :</b>	Idle for 30 minutes
<b>APO Consumption :</b>	190µA typical on voltage & current functions
<b>Dimension :</b>	L224mm X W78mm X H40mm
<b>Weight :</b>	220 gm approx
<b>Jaw opening &amp; Conductor diameter :</b>	45mm max



## ACD-6 PRO 1000A Digital Clamp-on Multimeter

Data Sheet

### Included Accessories

Test leads MTL-90B, Carrying case SV-U, Users manual

### Optional Accessories

ELS2A Line splitter (Energizer)  
ACF-3000AK 3000A AC Flexible Clamp-on Attachment  
TMA-K Single Input Thermocouple Temperature Attachment  
VRC-320 Alligator Clips (For test leads)

### Amprobe® Test Tools

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