Test Equipment Depot
99 Washington St. Melrose MA, 02176
1.800.517.8431 | 781.665.0780 (Fax)
Visit us at www.TestEquipmentDepot.com

AMPROBE®

Data Sheet

ACDC-400
Digital AC/DC Clamp-on Multimeter

The Amprobe ACDC-400 clamp meter is full featured with wide measurement capabilities. It measures both AC and DC Current to 400 amps, AC and DC Voltage to 600V, plus Resistance and Continuity. The ACDC-400 also offers software features of Min/Max and Relative measurements with a large digital and analog combined display and backlight.

- **AC/DC Current up to 400A**
- **AC/DC Voltage up to 600V**
- **Resistance measurement**
- **Continuity test**
- **Data Hold**
- **MAX/MIN recording**
- **Relative measurement**
- **Backlight**
- **Analog bargraph**
- **Auto or Manual range selection**
- **Max Conductor 29.97 mm (1.18")**
- **Includes carrying case**
- **CAT III 600V**

No hassle warranty

No waiting.

No shipping charges.

WARRANTY NO HASSLE PROGRAM

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)

N10140 CE

Test Equipment Depot
99 Washington St. Melrose MA, 02176
1.800.517.8431 | 781.665.0780 (Fax)
Visit us at www.TestEquipmentDepot.com

AMPROBE®

Data Sheet

ACDC-400 Digital AC/DC Clamp-on Multimeter

Specifications

General Specifications	
Display	3-3/4 digits 4000 counts LCD display
Update Rate	2 per second nominal
Polarity	Automatic
Power Supply	2 standard 1.5V AAA Size (NEDA 24G or IEC R03) battery
Battery Life	typical 25 hours
APO Timing	idle for 30 minutes
Low battery	⊟ on LCD; approx. 2.4V
Environment	Indoor operation, below 2000 m
Temperature / Humidity	Operating: 5°C to 40°C (41°F to 104°F), < 80% RH; Storage: -10°C to 60°C (14°F to 122°F), < 80% RH
Jaw opening	27mm (1.1 in) max
Dimension	202 x 70 x 40mm (7.9 x 2.7 x 1.6 in.)
Weight	254 gm (0.6 lb)
Safety LVD	Meets EN60101-1:2001; EN61010-2-032(2002), Category II- 600 Volts ac & dc; pollution degree : 2; class 2
CE **EMC**	EN61326-1:2006

Electrical Specifications (23 °C ± 5 °C) < 75%RH			
DC Voltage	**Range**	**Accuracy**	
	400.0 mV 4.000V, 40.00V, 400.0V	± (0.8% rdg + 2 dgts)	
	600V	± (1.0% rdg + 2 dgts)	
Input impedance	10MΩ, 30pf nominal (100 MΩ for 400.0mV range)		
Max input	600 VDC		
AC Voltage (sinusoidal)	**Range**	**Frequency**	**Accuracy**
	400.0mV	40Hz to 60Hz	± (1.0% rdg + 50 dgts)
	4.000V, 40.00V, 400.0V	50Hz to 500Hz	± (1.0% rdg + 3 dgts)
	600V	50Hz to 500Hz	± (1.2% rdg + 3 dgts)
Input impedance	10MΩ, 30pf nominal (100 MΩ for 400.0mV range)		
Max input	600 VAC rms		
DC Current (Clamp-On)	**Range**	**Accuracy**	
	0.00A to 40.00A	± (2.0% rdg + 10 dgts)	
	40.0A to 400.0A	± (2.0% rdg + 10 dgts)	
Max current	400A rms continuous; 600 A rms (60 seconds)		
ACA Current (Clamp-On) (sinusoidal)	**Range**	**Frequency**	**Accuracy**
	0.00A to 40.00A	50Hz to 60Hz	± (2.0% rdg + 10 dgts)
	40.0A to 400.0A	50Hz to 60Hz	± (2.0% rdg + 10 dgts)
Max current	400A rms continuous; 600 A rms (60 seconds)		
Resistance	**Range**	**Accuracy**	
	400.0 Ω	± (1.0% rdg + 5 dgts)	
	4.000kΩ, 40.00kΩ, 400.0kΩ, 4.000MΩ	± (1.0% rdg + 3 dgts)	
	40.00MΩ	± (3.0% rdg + 3 dgts)	
Open Circuit Voltage	0.45 Vdc typical; 1.5 Vdc typical for 400.0Ω		
Continuity Tester	Open Circuit Voltage: 1.4Vdc typical Audible threshold: < 40Ω		

Amprobe® Test Tools
Everett, WA 98203

Amprobe® Test Tools Europe
Amprobe Test Tools Europe
Beha-Amprobe GmbH
In den Engematten 14
79286 Glottertal, Germany

©2008 Amprobe Test Tools. All rights reserved.
10/2008 3320124 Rev A