

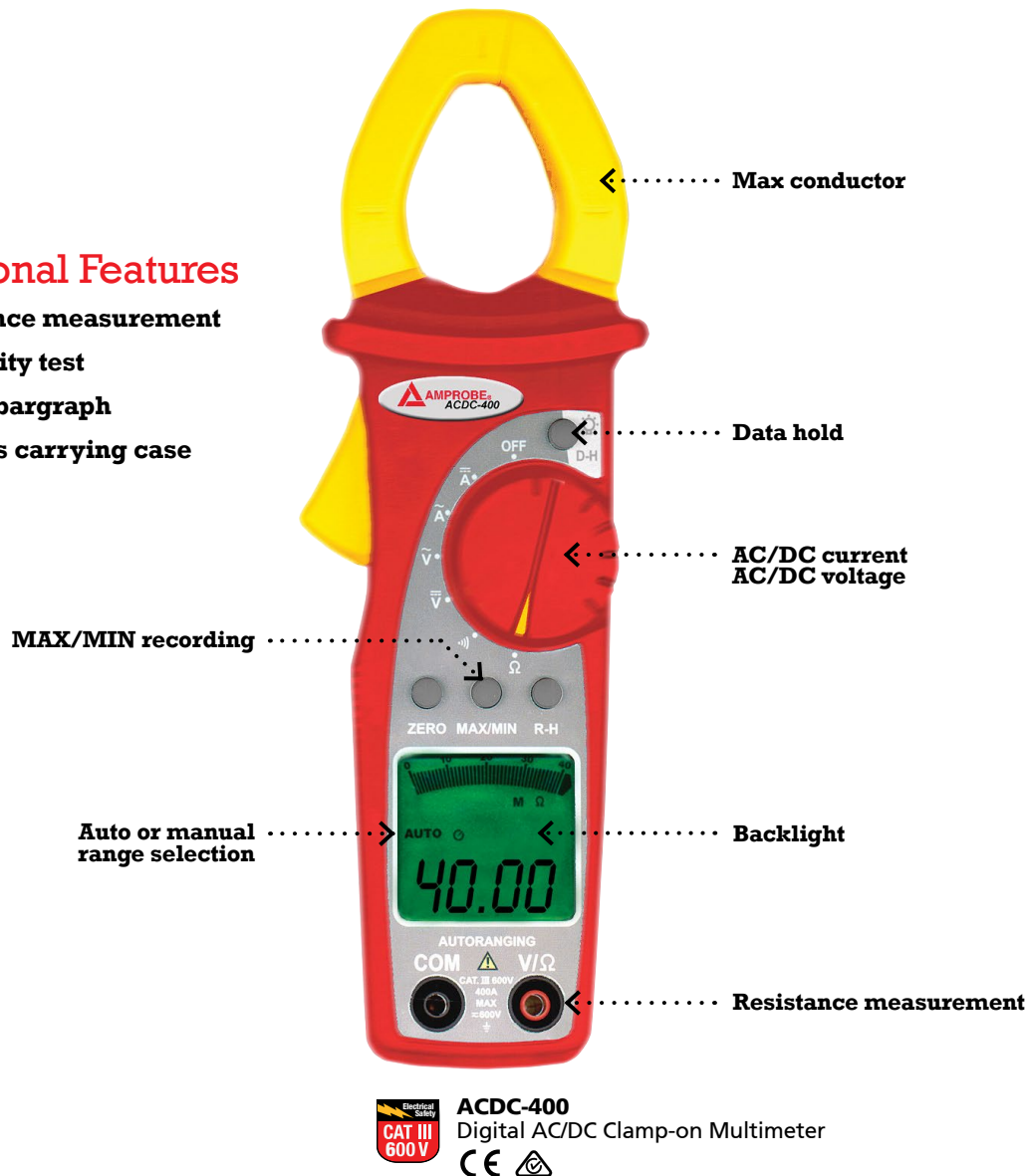
ACDC-400

Digital AC/DC Clamp-on Multimeter

Cut down on the time needed to troubleshoot systems with the Amprobe ACDC-400, a full featured clamp meter with wide measurement capabilities. The jaw allows you to measure current without touching or interrupting the circuit. Check for voltage and ensure loads are properly balanced. Safety isolation makes measurements safer when working around live circuits. Certified for Category III installations up to 600 V.

Additional Features

- Resistance measurement
- Continuity test
- Analog bargraph
- Includes carrying case



ACDC-400
Digital AC/DC Clamp-on Multimeter
CE

Safety Certification

All Amprobe tools, including the Amprobe ACDC-400, are rigorously tested for safety, accuracy, reliability, and ruggedness in our state-of-the-art test lab. In addition, Amprobe products that measure electricity are listed by a 3rd party safety lab, either UL or CSA. This system assures that Amprobe products meet or exceed safety regulations and will perform in a tough, professional environment for many years to come.



Specifications

General Specifications		ACDC-400
Display	3-3/4 digits 4000 counts LCD display	
Update Rate	2 per second nominal	
Polarity	Automatic	
Power Supply	2 1.5V AAA batteries (installed)	
Battery Life	Typical 25 hours	
APO Timing	Idle for 30 minutes	
Low battery	Displayed on LCD (approx. 2.4 V)	
Environment	Indoor operation, below 2000 m	
Temperature / Humidity	Operating: 41 °F to 104 °F (5 °C to 40 °C), <80% RH; Storage: 14 °F to 122 °F (-10 °C to 60 °C), <80% RH	
Jaw opening	1.1 in (27 mm) max	
Dimension	7.9 x 2.7 x 1.6 in (202 x 70 x 40 mm)	
Weight	0.6 lb (254 g)	
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 400.0 mV 4.000V, 40.00V, 400.0V 600V	Accuracy ± (0.8% rdg + 2 dgts) ± (1.0% rdg + 2 dgts)	
Input impedance	10MΩ, 30pf nominal (100 MΩ for 400.0mV range)		
Max input	600 VDC		
AC Voltage (sinusoidal)	Range 400.0mV 4.000V, 40.00V, 400.0V 600V	Frequency 40Hz to 60Hz 50Hz to 500Hz 50Hz to 500Hz	Accuracy ± (1.0% rdg + 50 dgts) ± (1.0% rdg + 3 dgts) ± (1.2% rdg + 3 dgts)
Input impedance	10MΩ, 30pf nominal (100 MΩ for 400.0mV range)		
Max input	600 VAC rms		
DC Voltage	Range 0.00A to 40.00A 40.0A to 400.0A	Accuracy ± (2.0% rdg + 10 dgts) ± (2.0% rdg + 10 dgts)	
Max current	400A rms continuous; 600 A rms (60 seconds)		
ACA Current (Clamp-On) (sinusoidal)	Range 0.00A to 40.00A 40.0A to 400.0A	Frequency 50Hz to 60Hz 50Hz to 60Hz	Accuracy ± (2.0% rdg + 10 dgts) ± (2.0% rdg + 10 dgts)
Max current	400A rms continuous; 600 A rms (60 seconds)		
Resistance	Range 400.0 Ω 4.000kΩ, 40.00kΩ, 400.0kΩ, 4.000MΩ 40.00MΩ	Accuracy ± (1.0% rdg + 5 dgts) ± (1.0% rdg + 3 dgts) ± (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: Beeper ON ≤ 20 Ω; OFF > 40 Ω		

For complete specifications, please download the product manual on amprobe.com