



# AMPROBE®

## ACDC-400 400A AC/DC Clamp-on Multimeter



**Form and function.** This versatile clamp-on instrument incorporates the features desired for testers in its price range.

- 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 bar graph
- Auto or Manual range selection
- Low battery indication
- Accommodates conductors up to 1.18" (30mm) in diameter

FEATURES	RANGE & RESOLUTION*	ACCURACY
<b>DC Voltage</b>	400.0 mV / 4.000 / 40.00 / 400.0 / 600 V	+/- (1.0% Rdg + 2 LSD)
<b>AC Voltage</b>	400.0 mV ±(1.0%Rdg + 50 LSD) 4.000 / 40.00 / 400.0 / 600 V	+/- (1.2% Rdg + 3 LSD)
<b>AC / DC Current</b>	40.00 / 400.0 A	+/- (2% Rdg + 10 LSD) @ 50-60 Hz
<b>Resistance</b>	400.0 Ohms, 4.000 / 40.00 / 400.0 kΩ 4.000 / 40.00 MΩ	+/- (1% Rdg + 5 LSD) +/- (3% Rdg + 3 LSD)

OPTIONAL ACCESSORIES	PART NUMBER
Line Splitter (Energizer)	A47L
3000A AC Flexible Clamp-on Attachment	ACF-3000 AK
Single Input Thermocouple Temperature Attachment	TMA-K
Alligator Clips (For test leads)	VRC-320

REPLACEMENT PARTS <small>(supplied with product)</small>	PART NUMBER
Test lead holder	MTL-CAP
Carrying case	SV-U
Test leads with set of alligator clips <small>(alligator clips are not supplied with product)</small>	MTL-90B



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### SPECIFICATIONS

#### Safety

Comply with:	EN 61010
Insulation:	Class 2, double reinforced insulation
Pollution:	Level 2
For inside use, max height:	2000m
Over voltage:	CAT III 600V (between ground & input terminal)

#### General Data

##### **Mechanical Characteristics:**

Size:	205(L) x 64 (W) x 39(H)mm
Weight (including battery):	about 280g
Jaws opening:	30mm
Max conductor size:	30mm

##### **Supply:**

Batteries type:	2 batteries 1.5V LR03 AAA.
Low battery indication:	Symbol " " is displayed when battery level is too low.
Battery life:	About 25 hours.
Display Characteristics:	3 _ LCD w/ maximum reading 3999 units plus decimal point signs plus backlight
Sample rate:	2 times/sec. 20 times/sec. for analogical bargraph mean value
Conversion mode:	

### ENVIRONMENTAL CONDITIONS

#### **Climatic Conditions:**

Reference temperature:	23° ± 5°C
Operating temperature:	5 ÷ 40 °C
Operating humidity:	<80% RH
Storage temperature:	-10 ÷ 60 °C
Storage humidity:	<80% RH

#### **EMC**

This apparatus was designed in accordance with EMC standards in force and its compatibility has been tested in accordance EN61326 (1997) + A1 (1998) + A2 (2001).

### ACCESSORIES

#### **Standard Accessories:**

The accessories contained inside the packaging are the following:

- Instrument
- Test leads (MTL-90B)
- Rubber test lead holster (MTL-CAP)
- User's manual ([www.Amprobe.com](http://www.Amprobe.com))
- Carrying case (SV-U)
- Batteries



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