



# ACDC-100 & ACDC-100 TRMS AC/DC Digital Clamp-ons



Where accuracy, quality, and the newest technology meet. The ACDC-100 offers superior AC/DC measurement capabilities, highest product quality and enhanced ergonomics with Amprobe's Red, Rubber, Ribs® design. The TRMS version addresses needs of professionals who rely on performance and reliability.

- TRMS & Display Backlight (ACDC-100 TRMS)
- Auto & manual ranging
- Relative zero mode
- Auto power off
- Data hold
- MAX capture function for in rush current measurements (30 mS response)
- Large, easy to read LCD display
- Diode Test
- Audible continuity
- Accommodates conductors up to 2.00" (50mm) in diameter
- "Third hand" - test probe holder
- Rubber over-molded case with built-in probes storage
- Carrying case, test leads, batteries (installed) and user manual included
- Battery type: Two AAA
- Safety: CAT III 600V



## Available with TRMS and Display Backlight

The ACDC-100 TRMS version addresses the needs of professionals who rely on performance and reliability. A large LCD for easy viewing.

## Simplified Interface

These full function clamp-ons have simplified interfaces to help your customers get their work done quickly. Easy-to-read oversize display screens feature the large digits. Each meter offers auto and manual ranging along relative zero mode functions.

## Enhanced ergonomic Red, Rubber, Ribs® design

The rubber over-molded case with built-in probes storage boasts a rugged ergonomic feel.

FEATURE	ACDC-100	ACDC-100 TRMS	ACCURACY
TRMS	N/A	Yes	
DC Current	400.0 / 1000 A		TRMS+/- (1.5% Rdg + 4 LSD) @ 0 to 800A **
AC Current	400.0 / 800 A		TRMS+/- (1.5% Rdg + 5 LSD) @ 0 to 600A, 40 to 100Hz **
AC Voltage	400.0 mV/ 4.000 / 40.00 / 400.0 / 600V		TRMS+/- (1.5% Rdg + 4 LSD) @ 4V to 400V ranges, 50 to 500 Hz*
DC Voltage	400.0 mV 4.000 / 40.00 / 400.0 / 600V		TRMS+/- (0.5% Rdg + 3 LSD) @ 4V to 400V ranges **
Resistance	400.0 Ohms 4.000 / 40.00 / 400.0 kOhms 4.000 / 40.00 MOhms		TRMS+/- (0.6% Rdg + 4 LSD) @ 4 to 400 kOhms ranges **
Capacitance	500.0nF / 5.000 / 50.00 / 500.0 / 3000 uF		TRMS+/- (3.5% Rdg + 6 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
1 Pair Double Insulated Silicone Test Leads			MTL-100
1 Pair Short Prods			MTL-101
1 Pair Fully Insulated Alligator Clips			MTL-102
1 Pair USA Mains Socket Test Adapters			MTL-103
1 Pair Sprung Hooks			MTL-104
1 Pair Safety Spade Terminals			MTL-105
1 Pair Thin Spike Prods			MTL-106
Test Lead Kit (MTL-100, MTL-101, MTL-102)			MTL-500
Test Lead Kit (MTL-100, MTL-101, MTL-102, MTL-103, MTL-104)			MTL-501
Alligator Clips (Compatible with standard test leads such as used on MTL-90B kit)			VRC-320
REPLACEMENT PARTS (supplied with product)			PART NUMBER
Test leads with set of alligator clips (alligator clips are not supplied with product)			MTL-90B
Carrying case			SV-U
Instruction Manual			www.amprobe.com



#### Amprobe® Test Tools

website: [www.Amprobe.com](http://www.Amprobe.com)  
email: [info@amprobe.com](mailto:info@amprobe.com)  
6920 Seaway Blvd.  
Everett, WA 98203  
tel: 877-AMPROBE

#### Amprobe® Test Tools Europe

P.O. Box 1186  
5602 BD Eindhoven  
The Netherlands

©2006 Amprobe Test Tools. All rights reserved.  
Printed in U.S.A. 10/2006 ACDC-100\_SS Rev A