

Data Sheet

AC40A Clamp Meter



Compact Digital Clamp Multimeter

This unique mini-clamp meter meets your needs when measuring up to 400 Amps. It uses a compact design size to ergonomically fit easily into the hand. Plus its compact size makes it a handy daily tool to fit into the slightest of tool kits. With an easy to read digital display, Data Hold capability and Analog Bargraph. Plus, you get 10 mA resolution when using the 40 A range.

The AC40A also measures voltage, resistance, continuity and low ac current in 40 A range.

- 400 A range
- Low mA resolution and accuracy
- 600 V ac and dc range
- 4000-count display with bargraph
- Compact size for portability
- Autoranging
- Data Hold
- Auto-off
- CAT III 600 V rated

Specifications (at 23 °C ± 5 °C, < 80 % R.H. non-condensing)

Function	Range	Accuracy
Voltage		
DC Voltage	400 V, 600 V	± (1.2 % rdg + 5 dgts)
AC Voltage (50 to 400 Hz)	400 V, 600 V	
Resolution	0.1 V in 400 V range	± (1.5 % rdg + 10 dgts)
Input Impedance	10 MΩ	
Current		
AC Current	40 A, 400 A	± (2 % rdg + 10 dgts)
Resolution	0.01 A in 40 A range	
Resistance		
Resolution	400 Ω	± (1 % rdg + 5 dgts)
	0.1 Ω in 400 Ω	
Continuity (audible)		
Continuous Tone and *)))	Display at R < 40 Ω	
Max Open Voltage	-1.2 V	
Overload Protection		
AC Current	660 A	
All other measurements	660 V rms	

General Specifications

Display	3-3/4 digit LCD (max reading 3999)
Overrange Indication	"OL" indicated
Low Battery Indication	Battery symbol appears when battery power is low
Power Supply	Two (2) 1.5 V AAA batteries (UM-4)
Battery Life	Alkaline 300 hours, approx.
Maximum Jaw Opening	25.4 mm (1 in)
Dimensions (WxHxD)	64 mm x 190 mm x 36 mm
Weight	280 g (incl. battery)
Operating Temperature	0 °C to + 40 °C, < 80 % R.H. non-condensing
Storage Temperature	-10 °C to + 60 °C, < 70 % R.H. non-condensing, batteries removed
Auto Power Off	Approx. 30 minutes after no function change
Bargraph	42 Segment
Warranty	One-year



Included Accessories

Test leads, carrying case and users manual.

Optional Accessories

- DL243C Basic Test Lead Kit
- DL248C Deluxe Test Lead Kit
- TL35A Test Lead Set with Alligator Clips

No waiting.

*No shipping
charges.*



No hassle warranty

Our commitment to high-quality products and customer service is demonstrated by our industry exclusive "No Hassle" warranty. In the unlikely event that a Meterman test tool requires warranty service, any of our local dealers are authorized to replace it, on the spot.

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Meterman Test Tools

website: www.metermantesttools.com
email: info@metermantesttools.com

6920 Seaway Blvd.
Everett, WA 98203
fax: 425-446-4882
tel: 877-596-2680

Meterman Test Tools Europe
P.O. Box 1186
5602 BD Eindhoven
The Netherlands

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