

**TRANSCAT**[Visit us at Transcat.com!](http://Transcat.com)

35 Vantage Point Drive // Rochester, NY 14624 // Call 1.800.800.5001

Data Sheet



AC40C

Clamp Type

Digital Multimeter

- Mini-clamp DMM
- 400 A range
- 10mA resolution
- 600 V AC and DC range
- 4000-count display
- Autoranging
- Data Hold
- Auto-off
- CAT III 600 V rated
- NCV function (Non-contact voltage detection)

Included Accessories

Users Manual, carrying case, test leads

Optional Accessories

DL243D	Basic Test Lead Kit
DL248D	Deluxe Test Lead Kit
TL35B	Test Lead Set with Alligator Clips

No hassle warranty

*No waiting.**No shipping charges.*

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)





AC40C Clamp Type Digital Multimeter

Data Sheet

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 AA batteries
Battery Life:	Alkaline 100 hours, approx.
Auto Power Off:	30 minutes
Maximum Jaw Opening:	25.4 mm (1.0 in)
Dimensions (WxHxD):	64 x190 x 36 mm (2.5 x 7.5 x 1.42)
Weight:	280 g / 0.62 lb (incl. battery)
Operating Temperature:	0 °C to + 40 °C (32°F to 104°F), < 80 % R.H. noncondensing
Storage Temperature:	- 10 °C to + 60 °C (14°F to 140°F), < 70 % R.H. non-condensing, batteries removed
Warranty:	One-year

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

Function	Range	Accuracy
DC Voltage		
Ranges	400 V, 600 V	Accuracy ± (1 % rdg + 5 dgts)
Resolution	0.1 V in 400 V range	
Input Impedance	1 MΩ	
AC Voltage (50-400 Hz)		
Ranges	400 V, 600 V	± (1.5 % rdg + 10 dgts) 50-60Hz;(+/-3% rdg + 15dgts) 400Hz
Resolution	0.1 V in 400 V range	
Input Impedance	1 MΩ	
AC Current		
Ranges	40 A, 400 A	± (2 % rdg + 10 dgts)
Resolution	0.01 A in 40 A range	
Resistance		
Range	400 Ω	± (1 % rdg + 5 dgts)
Resolution	0.1 Ω in 400 Ω	
Continuity (audible)		
Continuous Tone and •)))	Display at R < 40 Ω	
Max Open Voltage	- 1.2 V	
Overload Protection		
660A for AC current only		
660V RMS for all other measurements		