



Model AC40B

Clamp Type Digital Multimeter



- Mini-clamp DMM
- 400 A range
- 600 V AC and DC range
- 4000-count display with bargraph
- Autoranging
- Data Hold
- Auto-off
- CAT III 600 V rated

AC40B Specifications (at 23 °C ± 5 °C, < 80 % R.H. non-condensing)

DC Voltage	
Ranges	400 V, 600 V
Accuracy	± (1.2 % 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
Accuracy	± (1.5 % rdg + 10 dgts)
Resolution	0.1 V in 400 V range
Input Impedance	1 MΩ
AC Current	
Ranges	40 A, 400 A
Accuracy	± (2 % rdg + 10 dgts)
Resolution	0.01 A in 40 A range
Resistance	
Range	400 Ω
Accuracy	± (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	



General Specifications

Display: 3¾ 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; **Dimensions (WxHxD):** 64 x 190 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; **Included Accessories:** Manual, carrying case, test leads

Features	
Auto Power Off:	Approx. 30 minutes after no function change; 42 Segment Bargraph; Data Hold; Warranty: One-year
Optional Accessories	
DL243C Basic Test Lead Kit; DL248C Deluxe Test Lead Kit; TL35A Test Lead Set with Alligator Clips	

For additional accessories, see the Accessories Compatibility Guide at www.amprobestesttools.com





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