



# AC68C TRMS Clamp Type Digital Multimeter

- True RMS
- Top-of-the-line professional clamp DMM
- 8 functions/11 ranges
- AC and DC
- Data and AC Peak Hold
- DC auto zero
- 4000-count
- Carrying case included
- CAT II 600 V, CAT III 300 V rated

## 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)

## General Specifications

Display:	3-3/4 digit, LCD, max reading of 3999
Display Update Rate:	2/sec, nominal
Power:	9 V battery (NEDA 1604, IEC 6F22)
Battery Life:	200 hours(Alkaline)
Operating Temperature:	0 °C to + 40 °C < 80 % R.H.
Storage Temperature:	- 10 °C to + 60 °C, < 70 % R.H. non-condensing
Maximum Jaw Opening:	40 mm (1.57")
Dimensions (WxHxD):	76 x 228 x 39 mm (3" x 9" x 1.5")
Weight (incl. Battery):	465 grams
Warranty:	One-year

## 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



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## Data Sheet

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

Function	Range	Accuracy
<b>DC Voltage</b>		
Ranges	600 V	± (0.75 % rdg + 2 dgts)
Resolution	1 V in 600 V range	
Input Impedance	10 MΩ	
<b>AC Voltage (40-450 Hz)</b>		
Range	400 V, 600 V	± (1.2 % rdg + 5 dgts)
Resolution	0.1 V in 400 V range	
Input Impedance	10 MΩ	
<b>DC Current</b>		
Ranges	400 A, 600 A	± (2 % rdg + 5 dgts)
Resolution	0.1 A in 400 A range	
<b>AC Current (40-450 Hz)</b>		
Ranges	400 A, 600 A	± (2 % rdg + 5 dgts)
Resolution	0.1 A in 400 A range	
<b>Frequency (Hz), Current and Voltage</b>		
Ranges	4 kHz, 20 kHz	± (0.5 % rdg + 5 dgts)
Resolution	1 Hz in 4 kHz range	
Sensitivity	5 A/1 V in 4 kHz range 5 A/5 V in 20 kHz range	
<b>Resistance</b>		
Range	4 kΩ	± ( 1.0 % rdg + 5 dgts)
Resolution	1 Ω in 4 kΩ range	
Open Circuit Volts	0.5 V DC	
Max Short Circuit Current	0.8 mA	
<b>Diode Test</b>		
		± (1.0 % rdg + 2 dgts)
Resolution	0.001 V	
Open Circuit Volts	3.2 V DC	
Max Short Circuit Current	0.8 mA	
<b>Continuity</b>		
Range Threshold	Tone at 40 Ω ± 15 Ω	
Open Circuit Volts	3.2 V DC	
Max Short Circuit Current	0.8 mA	
<b>Peak Hold Measurement AC Voltage (40-450 Hz)</b>		
Range	400 V, 600 V	± (1.5 % rdg + 10 dgts)
Resolution	0.1 V in 400 V range	
Input Impedance	10 MΩ	
<b>Peak Hold Measurement AC Current (40-450 Hz)</b>		
Range	400 A, 600 A	± (2.0 % rdg + 10 dgts)
Resolution	0.1 A in 400 A range	
<b>Overload Protection</b>		
Voltage	1000 V DC/750 V AC	
Current	800 Amps	
Resistance	660 V RMS	
Diode	660 V RMS	

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