



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





AC68C Clamp Type Digital Multimeter

Data Sheet

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

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

Contact:
Industrial Process Measurement, Inc.
3910 Park Avenue, Unit 7
Edison, NJ 08820
732-632-6400
support@instrumentation2000.com
<http://www.instrumentation2000.com>

©2007 Amprobe Test Tools. All rights reserved.
9/2007 1646618 D-US-N Rev C