

Data Sheet

AC65 Clamp Meter



Rugged True RMS ac clamp multimeter

- Measures non-linear load current
- True RMS reading
- Autoranging
- Data Hold button
- Low battery indicator
- Carrying case included
- CAT II 600 V, CAT III 300 V rated

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

Function	Range	Accuracy
Voltage		
AC Voltage (40 to 500 Hz)	400 V, 600 V	± (1.2 % + 5 dgts)
Crest Factor	(1.4 to 2.0) (2.0 to 2.5)	+ 0.6 % + 2.0 %
Resolution	100 mV in 400 V range	
Input Impedance	10 MΩ // < 100 pF	
Current		
AC Current (50 to 60 Hz)	400 A, 600 A	400 A: ± (1.9 % rdg + 5 dgts) 600 A: ± (2.9 % rdg + 5 dgts)
Resolution	0.1 A in 400 A range	
AC Conversion Type	True RMS	
Crest Factor	(1.4 to 2.0) (2.0 to 2.5)	+ 1.0 % + 2.5 %
Resistance		
Resolution	4 kΩ, 40 kΩ	± (2.0 % rdg + 9 dgts)
Max Open Circuit Voltage	1 V	
Continuity		
Buzzer Sounds	When resistance is < 200 Ω	
Overload Protection		
AC Volts, Resistance	600 V rms	
AC Current	800 A rms	

General Specifications

Display	3-3/4 digit LCD (max reading 3999)
Display Update Rate	4/sec
Power	Single 9 V battery (NEDA 1604, IEC 6F22)
Battery Life	200 hours (Alkaline)
Dimensions (WxLxH)	88 mm x 215 mm x 36 mm (3.5 in x 8.5 in x 1.4 in)
Weight	320 g (11.3 oz)
Operating Temperature	0 °C to + 45 °C, < 75 % R.H.
Storage Temperature	-20 °C to + 60 °C < 80 %R.H.
Temperature Coefficient	0.2 x (spec. acc'y) fOC, < 18 °C or > 28 °C
Shock Proof	1.2 m (4 ft) drop
Auto Power Off	30 minutes after no function change
Maximum Jaw Opening	42 mm (1.6 in)
Maximum Conductor Size	40 mm (1.5 in) diameter
Warranty	One-year



Included Accessories

Test leads, carrying case, battery 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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