

Technical Specification of Digital Clamp Meter

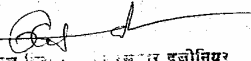
1200A DC & 1000A AC (TRMS)

3 1/4 Digit 3999 Counts, 40 Segment Bargraph,
Auto - Ranging PEAK HOLD, MAX, D ZERO
DATA HOLD functions, APO

Ranges

AC Current	400A, 1000A
Accuracy	$\pm(2.5\% \text{rdg} + 5 \text{dgt})$ (50-60Hz) $\pm(3.5\% \text{rdg} + 5 \text{dgt})$ (40-500Hz)
Overload	1000A AC max, for 1 min.
AC Volt	4V, 40V, 400V, 600V (auto-ranging)
Accuracy	$\pm(0.75\% \text{rdg} + 4 \text{dgt})$ (50-60Hz) $\pm(2\% \text{rdg} + 4 \text{dgt})$ (40-500Hz)
DC Current	400A, 1200A
Accuracy	$\pm(1.5\% \text{rdg} + 5 \text{dgt})$ (upto 700A) $\pm(2\% \text{rdg} + 5 \text{dgt})$ (700-1200A)
Overload	1200A DC max. For 1 min.
DC VOLT	400mV, 4V, 40V, 400V, 600V (auto ranging)
Accuracy	$\pm(0.25\% \text{rdg} + 1 \text{dgt})$ (400mV - 400V) $\pm(0.25\% \text{rdg} + 3 \text{dgt})$ on 600V
Resistance	400V, 4kV, 40kV, 400kV 4000kV, 40mV (auto-ranging)

Accuracy	± (0.3% rdg + 5dgt) on 400V ± (0.3% rdg + 1dgt) on 4kV – 400kV ± (0.5% rdg + 1dgt) on 4000kV ± (2.0% rdg + 4dgt) on 40MV
Capacitance	4nF, 40nF, 400nF, 4mF, 40mF (auto-ranging)
Accuracy	± (3% rdg + 20dgt) on 4nF (Use D ZERO) ± (3% rdg + 4dgt) on 40nF to 20mF ± (6% rdg + 4dgt) above 20mF
Frequency	100Hz, 1KHz, 10kHz, 100kHz, 500kHz (auto-ranging) (For non distorted waveforms only)
Accuracy Sp. Function	± (0.1% rdg + 2dgt) Audible Continuity Diode Test function
Power	One 9 Volt battery, type Eveready 216 or equivalent.
Battery Life	150 hours (typical)
Low Battery	+ is indicated
Protection	600VDC or AC rms overload Protection in DCV, ACV, Diode, Ohms, Hz, Continuity.
Dimensions	250 x 100 x 46 mm
Weight	380 gms (approx.)
Jaw opening	55mm max.
Accessories	Supplied with a pair of test leads, Carrying case, battery & Instruction manual.


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