




DT-9812

AC CLAMP LEAKAGE CURRENT TESTER

- | Accurate AC digital clamp meter for leakage current measurement
- | 100uA high resolution on 200mA range
- | Shield transformer jaws to minimize the effect of external stray magnetic field
- | Large jaw with 68 mm diameter
- | Five Ranges (200mA, 2A, 20A, 200A, 1000A) for all application.
- | A filter circuit is designed to eliminate the effect of high frequency noise and harmonics by setting the frequency selector switch at the 50/60 Hz position for AC current measurement
- | Large 3 - 1/2 digits backlit LCD
- | Fast bargraph display (20 times/sec.) for transient observation
- | Continuity Test
- | Max/Min record function
- | Peak Value Measurement
- | 600V overload protection for DC/ACV, ohm range measurement
- | Easy single rotary switch for any function selection
- | Data Hold Function

General Specifications

Conductor Size	68mm max. (approx.)
Battery Type	One 9V NEDA 1604
Display	MAX. 6000 counts LCD with 32seg. Bargraph
Range Selection	Manual
Overload Indication	Left most digit blinks
Max/Min	Records Maximum and Minimum values
Data Hold	Freezes Displayed Data
Power Consumption	10mA (approx.)
Low battery Indication	
Sampling Time	2 times/sec.(display) 20 times/sec.(bargraph)
Operating Temperature	-10°C to 50°C
Operating Humidity	less than 85% relative
Storage Temperature	-20°C to 60°C
Storage Humidity	less than 75% relative

Electrical Specifications**AC current**

Range	Resolution	Accuracy	
		50/60 Hz	Wide (40-1KHz)
200mA	100uA	±1.5%±6dgts	±3.0%±6dgts
2A	1mA	±2.0%±6dgts	±4.0%±6dgts
20A	10mA	±2.0%±6dgts	±4.0%±6dgts
200A	100mA	±2.0%±6dgts	±3.0%±6dgts
1000A	100mA	±3.0%±6dgts	±7.0%±6dgts

AC/DC Voltage(input impedance:10MΩ)

Range	Resolution	Accuracy		Overload protection
		50/60Hz	40-1KHz	
600V	0.1V	±1.5%±2dgts	±2.0%±4dgts	AC/DC 600V

Resistance (Ω) and continuity: (open voltage 0.4V)

Range	Resolution	Accuracy	Beeping	OL Protection
0.4-400Ω	0.1Ω	±1.5%±4dgts	<38.0Ω	AC/DC 600V

Accessories

Test Leads×1, 9V NEDA 1604×1, Users Manual×1, Test Certificate, Carrying Casex1.

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