

## S108B AC Voltmeter



- Mini clamp design
- Designed for tightly packed environments
- Data retention, data storage, data access etc
- Resolution: Voltage: 0.01V; Current: 0.01mA; Frequency: 0.1Hz

### DESCRIPTION

The S108B is a mini clamp AC voltmeter with an innovative 'mini jaw' design. This enables users to clip around small cables in a tightly packed environment. It has the capability to measure volts, currents, frequency, typically on a 380/220V AC system. It data hold and storage functions for convenient data review. The applications of this unique device are many and it is widely used in transport, power utility, petrochemical, and throughout general industries. Its accuracy on all ranges makes it also ideal for scientific and laboratory/research applications.

### APPLICATION


It can directly test the voltage, current, leakage current, frequency, in a 380/220 volt power system and the secondary circuit. It is designed to clip around small cables in tightly packed environments.

### SPECIFICATIONS

<b>Functions</b>	Designed to test the voltage, current, leakage current, and frequency in 380/220 V power systems and secondary circuits in compact environments.
<b>Power</b>	6LR61, 9V DC
<b>Measure Method</b>	CT clamp
<b>Jaw Size</b>	Φ7.5mm×13mm
<b>Measurable Range</b>	Current: AC 0.00mA ~ 30.0A (50/60Hz automatic) Voltage: 0.00V ~ 600V Frequency: 35 ~ 75Hz
<b>Resolution</b>	Voltage: 0.01V; Current: 0.01mA; Frequency: 0.1Hz
<b>Accuracy</b> (23°C ± 5°C, below 80%RH)	Voltage: ±2% ± 3dgt Current: ±2% ± 3dgt Frequency: ±1Hz
<b>Display Mode</b>	4 bit LCD display
<b>LCD Size</b>	35mm×21mm; Display area: 32mm×16mm
<b>Measurement Range</b>	The instrument will automatically change the measurement range, depending on the level of input
<b>Data Storage</b>	99 sets
<b>Sampling Rate</b>	2 times/second
<b>Dimensions</b>	LWH: 212mm×60mm×32mm
<b>Voltage of Cable Being Measured</b>	Below 600V

<b>Data Hold Function</b>	Press the HOLD Key to hold the data, then press the HOLD key again to cancel the function
<b>Switching Functions</b>	Press the MODE Key to switch between testing current, voltage, frequency The instrument is testing voltage by default
<b>Data View</b>	Press the READ Key to enter view saved data, then press the UP & DOWN ARROW Key to browse the stored data
<b>Overload Warning</b>	"OL" symbol will be displayed when the instrument is overloaded
<b>Automatic Shut-down</b>	About 15 minutes after power on, the meter will automatically shut down to reduce battery consumption
<b>Battery</b>	When the battery voltage is low a battery low symbol will be displayed. Please replace the battery when possible
<b>Weight</b>	Instrument: approx. 261g (with battery) Gross Weight: approx. 486g
<b>Working Current</b>	Max 10mA
<b>Ideal Working Conditions</b>	-10 °C ~ 40 °C ; below <80%RH
<b>Ideal Storage Conditions</b>	-10 °C ~ 60 °C ; below <70%RH
<b>Dielectric strength</b>	2000V/rms (the front and rear ends of the instrument housing)
<b>Safety Standards</b>	IEC1010-1, IEC1010-2-032, pollution class 2, CAT III (600V)

### ACCESSORIES & ORDER DATA

Description	Order Code	Description	Order Code
S108B AC Voltmeter, 1 pc	S108B	<b>Included accessories for S108B</b>	
		Test leads, 2 pcs (red and black each)	
		Package box, 1 pc	
		Battery, 1 pc	
		User manual, Warranty card, Certificate of Conformity, 1 copy of each	

#### SALES OFFICE

Email: [sales@eaglotest.com](mailto:sales@eaglotest.com)

Tel: (852) 2947 1888

Add: 11F/, Long To Building, 654-656 Castle Peak Road,  
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