

BS1901W

3 1/2 Digits All-Ranges Protection Best-buy Meter with Battery Test, Square Waveform Output and Live Wire Verification

250V

All Ranges Protection

Competitive Price

Heavy Duty Rubber Holster with Test Lead Holder

**CAT II 600V
Safety Standard**

Phase Sequence Indicator

Square Waveform Output

**Self-Recovery Fuse
Protection**



FEATURES:

- 3 1/2 digits LCD display
- AC Voltage 200V/600V
- Resistance 200 Ω to 2M Ω
- Continuity Test
- Square Waveform Output
- Live Wire Verification
- Conforms to EN61010-1 CAT II 600V
- DC Voltage 200mV to 600V
- DC Current 20mA/200mA
- Diode Test
- 1.5V & 12V Battery Test
- Phase Sequence Indication
- With Optional Add-On Clamp

GENERAL SPECIFICATIONS:

- Display : 3 1/2 digits LCD with max. reading of 1999.
- Polarity : Automatic, (-) negative polarity indication.
- Zero adjustment : Automatic.
- Over range indication : Only the MSD “1” is displayed.
- Power : 1.5V AAA battery x 3
- Dimension : 85 (W) x 155 (H) x 40 (D) mm.
- Weight : Approx. 250 g (including battery).

ELECTRICAL SPECIFICATION:

Accuracies are \pm (% of reading + number of least significant digits) at 23°C \pm 5°C, less than 75%RH

DC Voltage Measurement

Range	Resolution	Accuracy	Input Impedance	Overload Protection
200mV	0.1mV	$\pm(1.0\% + 3d)$	10M Ω	600V DC/AC rms
2V	1mV			
20V	0.01V			
200V	0.1V			
600V	1V			

AC Voltage Measurement

Range	Resolution	Accuracy	Input Impedance	Overload Protection
200V	0.1V	$\pm(1.2\% + 3d)$	10M Ω	600V DC/AC rms
600V	1V			

Frequency range: 40-400Hz


DC Current Measurement

Range	Resolution	Accuracy	Voltage drop	Overload Protection
20mA	0.01mA	$\pm(1.2\% + 3d)$	200mV	250V DC/AC rms <30 sec.
200mA	0.1mA			


Resistance Measurement

Range	Resolution	Accuracy	Open circuit voltage	Overload Protection
200Ω	0.1Ω	±(1.2%. + 3d)	<1V	250V DC/AC rms <30 sec.
2kΩ	1Ω			
20kΩ	0.01kΩ			
200kΩ	0.1kΩ			
2MΩ	1kΩ			


Diode Test

Range	Accuracy	Open circuit voltage	Overload Protection
	Approx. 1mA ±0.6mA	< 3V	250V DC/AC rms <30 sec.

Continuity Test

Range		Open Circuit Voltage	Overload Protection
	Buzzer sounds when resistance value < 30Ω	< 3V	250V DC/AC rms <30 sec.

Square Waveform Output

Range	Output Voltage	Frequency	Wave Form	Overload Protection
	Approx. 3V	50Hz	Square Wave	250V DC/AC rms <30 sec.

Phase Sequence Indication & Live Wire Verification

Range	Phase Sequence Indication	Live Wire Verification Voltage
380ACV ±10%	Correct Phase Sequence – Phase Sequence Light “ON”	100~250V

Battery Test

Range	Load Resistance	Estimate Resistance
1.5V	150Ω	Ri=(V1-V2)/R0
12V	900Ω	

STANDARD ACCESSORY

Test Lead Set (2pcs)	× 1 set
Rubber Holster with Test Lead Holder	× 1 pc
3 Phase 3rd Test Lead	× 1 pc

Battery required:

- 1.5V AAA battery x 3
(Not included in accessories)

OPTIONAL ACCESSORY

Add-On Clamp Head	× 1 set
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