

BS1901

3 1/2 Digits All-Ranges Protection Best-buy Meter with Battery Test 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

Self-Recovery Fuse
Protection



FEATURES:

- 3 1/2 digits LCD display
- AC Voltage 200V/600V
- Resistance 200Ω to 2MΩ
- Continuity Test
- 1.5V & 12V Battery Test
- Live Wire Verification
- Conforms to EN61010-1 CAT II 600V
- DC Voltage 200mV to 600V
- DC Current 20mA/200mA
- Diode Test
- Transistor 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	Overload Protection
20mA	0.01mA	\pm (1.2% + 3d)	250V
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	Open circuit voltage	Overload Protection
▶	< 3V	250V DC/AC rms <30 sec.

Continuity Test

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

Transistor Test

Range	hFE Value	Overload Protection
hFE	0-1000	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

OPTIONAL ACCESSORY

Add-On Clamp Head	× 1 set
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