

BS1901H

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

250V
All Ranges Protection

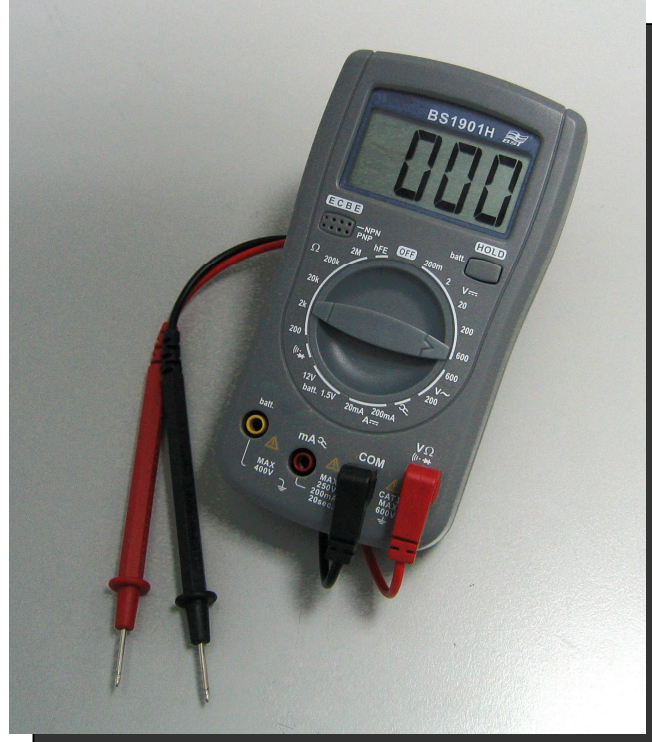
Competitive Price

CAT II 600V
Safety Standard

Transistor Test

Battery Test

**Integrated S.O.A.P. (Smart
overload aggressive
protection) technology**



FEATURES:

- 3 1/2 digits LCD display
- AC Voltage 200V/600V
- Resistance 200 Ω to 2M Ω
- Transistor Test
- Integrated S.O.A.P. (Smart overload aggressive protection) technology intelligent protection system for 250V DC/AC **all ranges protection** and **self recovery fuse**.
- DC Voltage 200mV to 600V
- DC Current 20mA/200mA
- DC Current 10A (with optional adaptor)
- Diode Test
- Continuity Test
- 1.5V & 12V Battery Test
- With Optional Add-On Clamp
- Conforms to EN61010-1 CAT II 600V

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	: 84 (W) x 154 (H) x 49 (D) mm.
Weight	: Approx. 256 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.

Transistor Test

Range	hFE value	Overload Protection
hFE	0-1000	250V DC/AC rms <30 sec.

Battery Test

Range	Load Resistance	Estimate Resistance	Overload Protection
1.5V	150Ω	$R_i = (V_1 - V_2) / R_0$	250V DC/AC rms <30 sec.
12V	900Ω		

STANDARD Accessory

Test Lead Set (2pcs)	× 1 set
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OPTIONAL Accessory

10A Current Adaptor	× 1 set
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