

BS2701**3 1/2 Digits Manual Range Multimeter**

Features:

- 3 1/2 digits LCD display
- DC voltage 200mV to 600V
- AC voltage 200V/600V
- DC current 200uA to 10A
- Resistance 200Ω to 2000kΩ
- Diode test
- Continuity test
- Transistor test
- Auto power off
- Conform to IEC1010/EN61010-1, CE-EMC & LVD
CATII 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	: Single, standard 9 volt battery NEDA 1604, JIS 006P, IEC6F22.
Dimension	: 69 (W) x 141 (H) x 36 (D) mm.
Weight	: Approx. 330 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 (0.8% Read. + 1dgt)	10M Ω	250V DC/AC rms
2000mV	1mV			600V DC/AC rms
20V	0.01V			
200V	0.1V			
600V	1V			

AC Voltage Measurement

Range	Resolution	Accuracy	Input Impedance	Overload Protection
200V	0.1V	\pm (1.5% Read. + 10dgt)	10M Ω	600V DC/AC rms
600V	1V			

Frequency range: 40-400Hz

DC Current Measurement

Range	Resolution	Accuracy	Voltage drop	Overload Protection
200 μ A	0.1 μ A	\pm (1.0% Read. + 2dgt)	200mV	Fast 200mA/250V Fuse
2000 μ A	1 μ A	\pm (1.2% Read. + 2dgt)		
20mA	0.01mA			
200mA	0.1mA			
10A	0.01A	\pm (2.0% Read. + 5dgt)		Fast 10A/250V Fuse

**Resistance Measurement**

Range	Resolution	Accuracy	Open circuit voltage	Overload Protection
200Ω	0.1Ω	±(1.0%Read. + 3dgt)	<2.4V	250V DC/AC rms <30 sec.
2000Ω	1Ω			
20kΩ	0.01kΩ			
200kΩ	0.1kΩ			
2000kΩ	1kΩ	±(1.2%Read. + 5dgt)		

Diode Test

Range	Accuracy	Open circuit voltage	Overload Protection
▶+	Approx. 1mA ±0.6mA	Approx. 2.4V	250V DC/AC rms <30 sec.

Continuity Test

Range	Buzzer sounds when resistance value < 100Ω	Open circuit voltage	Overload Protection
•)))		Approx. 2.4V	250V DC/AC rms <30 sec.

Transistor Test

Range	hFE value	Base current	Open circuit voltage	Overload Protection
hFE	0-1000	Approx. 10μA	Approx. 2.4V	250V DC/AC rms <30 sec.

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