

Digital Multimeter B-601



Automatic



Sturdy



Easy to Read



Accurate



Safety



High quality



1 Year Warranty



2000 V AC/DC

Product Features

- Display Mode: LCD display
- Display Digits: 3 1/2
- Maximum Display: 1999
- Sampling rate: 2.5 per second
- Displays "OL" while it surpasses the measuring range
- AC & DC Voltage
- AC & DC Current
- Resistance
- Capacitance
- Inductance
- Diode Test
- Transistor Test
- Continuity
- Low Battery Indication
- Auto Power Off

About The Product

This 3 1/2 digits multimeter is a stable and battery powered meter. It can be used to test DCV, ACV, DCA, ACA, resistance, capacitance, Transistor test and continuity. It is a stable and reliable numeral multimeter, with battery power supply. The design of the circuit takes the double-integral switch as the core, and the entire function with the monolithic integrated circuit management. The user is able to control all measuring ranges without opening the cover. With the entire overload protection, the measuring appliance is loaded with surge electric, can protect the measuring appliance not to be burnt out. The instrument can display various grade of test pen or the right position for the plug, incase the user inserts it in the wrong place. It can measure DC Voltage and electric current, the alternating voltage and the electric current, the resistance, capacitance, inductance, diode, transistor hFE parameter and the electric circuit passes or breaks and so on. With accurate measurement and reliable performance, it is an ideal tool for high range measurement.

Product Details

DC Voltage

Range	Accuracy	Resolution
200mV	±(0.5% + 5d)	0.1mV
2V		1 mV
20V		10mV
200V		100mV
1000V	± (0.8% + 5d)	1V
2000V	± (2% + 5d)	1V

Input Impedence: About 10MΩ

Overload protection: 200mV : 250V, the rest is direct current or maximum value of AC 1000V

AC Voltage

Range	Accuracy	Resolution
2V	± (0.8% + 5)	1mV
20V		10mV
200V		100mV
700V	± (1.2% + 7)	1V
2000V	±(3% + 5)	1V

Input Impedence: 10MΩ

Frequency: 40Hz – 400Hz (200V, 700V, 2000V measuring range 40Hz ~ 100Hz)

Display: Average Value (Sine wave virtue value calibration)

DCA

Range	Accuracy	Resolution
20mA	± (0.8% + 5d)	10uA
200mA	± (1.2% + 5d)	100uA

Overload Protection: F 0.2A/250V fuse

Measuring Voltage: approximately 200mV full measure range.

ACA

Range	Accuracy	Resolution
200mA	±(1.8% + 5d)	100uA

Overload Protection: F 0.2A/250V fuse

Measuring Voltage: 200mV for full measure range

Frequency range: 40Hz ~ 400Hz

Display: Average value (sine wave virtual value calibration)

Resistance

Range	Accuracy	Resolution
200Ω	±(0.8% + 5d)	0.1Ω
2kΩ		1Ω
20kΩ		10Ω
200kΩ		100Ω
2MΩ		1kΩ
20MΩ	±(1% + 5d)	10kΩ
200MΩ	(52% + 20)	100kΩ

Overload Protection: 220V virtual value

Plough Voltage: <1V (200MΩ for 3V range)+

Capacitance

Range	Accuracy	Resolution
20nF	± (3% + 5d)	10pF
200nF		100pF
2uF		1nF
20uF		10nF
200uF	± (5% + 10)	100nF

Overload Protection: F 200mA/250V Fuse

Diode and continuity measurement

Diode forward voltage drop approximation

Test condition:
Positive direction DC1mA
Reverse direction DC3V

Breakover Resistance< Approximately 50Ω beep rings, displays the resistance approximation

Test condition:
Plough Voltage about 3V

Overload Protection: F 200mA/250V fuse