

DIGITAL MULTIMETER B-535

- 1000V DC
- 750V AC
- AUTO-RANGE
- TRUE-RMS

FEATURES

- Display Mode: LCD
- Display Counts: 6000
- Digits : 3 5/6
- Auto Ranging .
- Sampling rate: 3 Times per second
- Max / Min record function
- True RMS
- AC/DC Voltage
- AC/DC Current
- A / D Conversion measurement
- Resistance
- Capacitance
- Frequency
- Diode Test
- Continuity Test
- NCV
- Data Hold
- Auto Power Off
- Low Voltage Indication
- Relative measurement
- Overload protection

ACCESSORIES (Included)

- Instruction Manual
- Pair of Test Leads
- AAA 1.5 VOLT Battery

ACCURATE

HIGH QUALITY

RELIABLE

DURABLE

EASY TO READ

STURDY

SAFETY

CE COMPLIANT



ACV &
DCV

ACA &
DCA

T-RMS

3 5/6
DIGITS

6000
COUNTS

NCV

AUTO
RANGE

About The Product

Beetech B-535 is a pocket-sized 3 5/6-digits, 6000 counts, auto-ranging multimeter. It has stable performance, high precision, high reliability, clear reading, with overload protection. This instrument can be used to measure DC voltage, AC voltage, DC current, AC current, Resistance, Capacitance,, Frequency, Diode, Continuity Test, Non Contact Voltage detection, true RMS measurement and other parameters. It is an ideal tool for the laboratory, factory, radio enthusiasts and families. With AAA 1.5V battery the instrument uses a large-screen LCD display, boost power supply, even in the 2.3V low battery, it can guarantee high backlight brightness, the meter is easy to carry, has a vast number of usages, the backlight can be automatically turned off after 15 seconds.

PRODUCT DETAILS

DC VOLTAGE		
Range	Accuracy	Resolution
6 V	± (0.5% + 3)	0.001 V
60 V		0.01 V
600 V		0.1 V
1000 V	± (0.8% + 10)	1 V

AC VOLTAGE (T-RMS)		
Range	Accuracy	Resolution
6 V	± (0.8% + 3)	0.001 V
60 V		0.01 V
600 V		0.1 V
750 V	± (1.2% + 10)	1 V

DC CURRENT		
Range	Accuracy	Resolution
600 µA	± (1.2%+10)	0.1uA
6000 µA		1 uA
60 mA		10 µA
600 mA		100 µA
6 A	± (2.0%+30)	0.001 A
10 A		0.01 A

AC CURRENT (T-RMS)		
Range	Accuracy	Resolution
600 µA	± (1.2%+10)	0.1uA
6000 µA		1 uA
60 mA		10 µA
600 mA		100 µA
6 A	± (2.0%+30)	0.001 A
10 A		0.01 A

CAPACITANCE		
Range	Accuracy	Resolution
60 nF	± (3.5%+20)	10 pF
600 nF		100 pF
6 uF		1 nF
60 uF		10 nF
600 uF		100 nF
6 mF		11 uF
30 mF	± (5% + 3)	10 uF

FREQUENCY		
Range	Accuracy	Resolution
10 Hz	± (0.1% + 5)	0.01 Hz
100 Hz		0.1 Hz
1 kHz		1 Hz
10 kHz		10 Hz
100 kHz		100 Hz
1 MHz		1 kHz
10 MHz		10 kHz

RESISTANCE		
Range	Accuracy	Resolution
600 Ω	± (0.8%+5)	0.1 Ω
6 KΩ	± (0.8%+3)	1 Ω
60 kΩ		10 Ω
600 kΩ		100 Ω
6 MΩ		1 kΩ
40 M Ω	± (2.5% + 3)	10 kΩ

DIODE ON AND OFF TEST		
Range	Display Value	Test Conditions
→ —o))	Diode forward voltage drop	Positive DC current of about 1mA, open circuit voltage of about 3V,
	The buzzer buzzes for a long time, and the test resistance is less than (50±20) Ω	Open circuit voltage is about 3V Press “SELECT” to switch between two functions

ENVIRONMENTAL SPECIFICATION		
Operating	Temperature	0 ~ 40°C
	Humidity	<80%