

DIGITAL MULTIMETER
B-595

2000V AC/DC
SOLAR MULTIMETER



Features

- Display Mode: LCD
- Display Counts: 6000
- Ranging : Auto and Manual
- Update rate: 3 Times per second
- Display shows minimum/maximum value.
- Square waves output.
- True RMS
- Duty cycle test.
- AC/DC Voltage
- AC/DC Current
- Resistance
- Capacitance
- Frequency
- Temperature
- Diode Test
- Continuity Test
- NCV
- Data Hold
- Backlight
- Auto Power Off
- Low Battery Indication
- Relative mode.

About The Product

Beetech B-595 is a Auto Ranging Digital Multimeter which measures electronic circuits and electronic values more accurately and is specifically used in the SOLAR Industry. This product is a battery-powered, true-rms, auto-ranging digital multimeter with a 6000 counts LCD display and a backlight with high performance capacity. It is equipped with 2000V DC and 750V AC measurement as well as 6000uA AC/DC Current Measurement. It is also capable to test Resistance upto 60 MΩ, Capacitance upto 60 mF, Frequency upto 10 MHz, Square wave output upto 5000Hz , Temperature upto 1000°C, Diode testing, Continuity Test ,Duty Cycle Test, Capacitance test & NCV.

ACCURATE

HIGH QUALITY

RELIABLE

DURABLE

EASY TO READ

EASY TO USE

STURDY

SAFETY

1 YEAR
WARRANTY
AGAINST
MANUFACTURING
DEFECT

CE COMPLIANT

AC/DC A

AC/DC V

°C / °F

Ω

Hz

Capacitance

TRMS

6000
counts

3 5/6
Digits

NCV

HOLD

APO

MAX/MIN

Low Battery
Indication

REL

Product Details

DC Voltage		
Range	Accuracy	Resolution
60 mV	$\pm (0.5\% + 3)$	0.01 mV
600 mV		0.1 mV
6 V		0.001 V
60 V		0.01 V
600 V		0.1 V
1000 V		1 V
2000 V	$\pm (2\% + 3)$	1 V

AC Voltage		
Range	Accuracy	Resolution
60 mV	$\pm (1\% + 3)$	0.01 mV
600 mV		0.1 mV
6 V		0.001 V
60 V		0.01 V
600 V		0.1 V
750	$\pm (1.2\% + 3)$	1 V
2000 V	$\pm (3.0\% + 3)$	1 V

DC Current		
Range	Accuracy	Resolution
60 mA	$\pm (1.2\% + 3)$	0.01 mA
600 mA		0.1 mA
600 μ A		0.1 μ A
6000 μ A		1 μ A

AC Current		
Range	Accuracy	Resolution
60 mA	$\pm (1.5\% + 3)$	0.01 mA
600 mA		0.1 mA
600 μ A		0.1 μ A
6000 μ A		1 μ A

Temperature		
Range	Accuracy	Resolution
-20 ~ 1000° C	$\pm (3\% + 5)$	1° C
(-4 ~ 1832°F)		1° F

Capacitance		
Range	Accuracy	Resolution
6 nF	$\pm (5\% + 20)$	0.001 nF
60 nF	$\pm (2\% + 5)$	0.01 nF
600 nF		0.1 nF
6 μ F		0.001 μ F
60 μ F		0.01 μ F
600 μ F		0.1 μ F
6 mF	$\pm (5\% + 5)$	0.001 mF
60 mF		0.01 mF

Frequency		
Range	Accuracy	Resolution
9.999 Hz	$\pm (0.1\% + 5)$	0.001 Hz
99.99 Hz		0.01 Hz
999.9 Hz		0.1 Hz
9.999 kHz		0.001 kHz
99.99 kHz		0.01 kHz
999.9 kHz		0.1 kHz
10 MHz		0.01 MHz

Resistance		
Range	Accuracy	Resolution
600 Ω	$\pm (0.5\% + 3)$	0.1 Ω
6 k Ω		0.001 k Ω
60 k Ω		0.01 k Ω
600 k Ω		0.1 k Ω
6 M Ω		0.001 M Ω
60 M Ω	$\pm (1.5\% + 3)$	0.01 M Ω

Duty Cycle		
Range	Accuracy	Resolution
1%~99%	$\pm (0.1\% + 2)$	0.1%

Environmental Specification		
Operating	Temperature	0 ~ 40°C
	Humidity	<75%
Storage	Temperature	-20 ~ 60°C
	Humidity	<80 %