

Digital Clamp Meter B-6096



Accurate



High Quality



Easy to Read



Automatic



2 Year
Warranty



Sturdy



Safety



Product Features

- Display Mode: Display by LCD
- Maximum Display: 1999
- Digits: 3 ½ Digits
- Maximum span of jaw: 55mm
- AC & DC voltage
- AC & DC Amps
- Auto Range
- Inrush Current
- Resistance
- Capacitance
- Diode Test
- Continuity Test
- Data Hold
- LED Testing
- Back Light + Lamp Light
- Auto negative polarity indication: displaying '-'
- Auto Power Off
- Battery: 9V

About The Product

B-6096 is a 2000V AC/DC and 2000A AC/DC TRUE RMS Digital Clamp meter. It adopts high performance MCU processor. It is of great value as it has high reliability, accuracy, quality and automatic setting range function. The product has a large digital display, full range overload protection, data hold function, under voltage detection, auto shut off function. The TRUE RMS function can accurately measure frequency voltage, suitable for measuring motor and compressor starting current. Along with AC/DC current, AC/DC voltage it can measure resistance, capacitance, continuity test, diode forward voltage drop, LED operating voltage, and other parameters. This instrument is easy to operate and carry making it an ideal tool for electrical measurement. Especially suitable for measuring large currents and starting currents.



Product Details

DC Voltage

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

Input Impedance: About 11MΩ

AC Voltage

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

Input Impedance: About 10MΩ
Frequency: 10Hz~1kHz (2000V: 10Hz to 400Hz)
Display: True RMS (Sinusoidal waveform RMS Calibration)
Overload Protection: 2000V

AC Amps

Range	Accuracy	Resolution
20A	±(1.9% + 10)	10mA
200A		100mA
2000A		1A

AC Conversion Type: True RMS responding, calibrated readings consistent with sinusoidal waveform RMS.
Frequency Range: 50~60Hz

DC Amps

Range	Accuracy	Resolution
20A	± (1.9% + 10)	10mA
200A		100mA
2000A		1A

Resistance

Range	Accuracy	Resolution
20Ω	± (1% + 5)	0.1Ω
2kΩ		1Ω
20kΩ	± (0.8% + 5)	10Ω
200kΩ		100Ω
2MΩ		1kΩ
20MΩ	± (1.5% + 5)	10kΩ

Overload Protection: Effective value 220V

Capacitance

Range	Accuracy	Resolution
20nF	± (3% + 10)	0.001nF
200nF		0.01nF
2uF		0.1nF
20uF		1nF
200uF		10nF
2000uF	± (5% + 10)	100nF

Overload Protection: Effective value 250V

Forward Drop Off Voltage

Displaying approximate forward voltage values of diode.
 Measuring condition: forward direct current is 1.5mA; opposite DC Voltage is about 3V

Continuity Test

In the case that the resistance between two tested points is less than about 50Ω, the buzzer will bring up sound.
 Test Condition: Open-circuit voltage is about 0.5V