

DIGITAL CLAMPMETER
B-6023

- 600A AC & DC
- 600V AC & DC
- AUTO-RANGE
- TRUE-RMS

FEATURES

- Display: LCD
- 6000 Counts
- 3 5/6 Digits
- AC & DC Voltage
- AC & DC Current
- True-RMS
- Resistance
- Capacitance
- Frequency
- Temperature
- Jaw Open Size: 30mm
- NCV
- Diode Test
- Continuity Buzzer
- Overload Protection
- Shock Proof Protection
- Input Impedance
- Backlight
- Torch
- Auto Power Off
- Low Battery Display

ACCESSORIES
(Included)

- Instruction Manual
- Pair of Test Leads
- Temperature Probe
- 3 x 1.5V / AAA Battery

ACCURATE

HIGH QUALITY

RELIABLE

DURABLE

EASY TO READ

STURDY

SAFETY

CE COMPLIANT



AC A
DC A

AC V
DC V

T-RMS

CAT III
600V

AUTO
RANGE

DUAL
READING

6000
COUNTS

3 5/6
DIGITS

ABOUT THE PRODUCT

This 3 3/4 digits display and 6000 counts Clampmeter is a stable and battery powered meter. It adopts a big LCD screen making the readings clear with backlight display. It can be used to test DC voltage, AC voltage, AC current, DC current, resistance, capacitance, temperature, diode, continuity and NCV. It has a micro smart IC and dual integral AD transformer as the core and comes with full range overload protection circuit along with shock proof protection. This instrument is designed and manufactured with safety standards of IEC61010, IEC61010-2-032, dual insulation CAT III 600V and pollution class 2. It is an ideal tool for industries, radio technology, educational institutions, electricians, engineers, technicians, manufacturers, and for household use. This product comes with one user manual, a pair of test leads, one temperature probe and 3 x 1.5V / AAA battery.

DC VOLTAGE		
Range	Accuracy	Resolution
600mV	±(1.0% + 2 digits)	0.1mV
6V	±(0.8% + 3 digits)	0.001V
60V		0.01V
600V		0.1V
Response average input impedance: 10MΩ Max. Input Voltage: 600V DC		

AC VOLTAGE		
Range	Accuracy	Resolution
6V	±(0.8% + 3 digits)	0.001V
60V		0.01V
600V		0.1V
Input Resistance: 10MΩ ;Frequency range: 40Hz – 400Hz Response: True RMS ; Max. Input Voltage: 600V DC (effective value)		

AC CURRENT		
Range	Accuracy	Resolution
60A	±(3.0% + 6 digits)	0.1A
600A		0.1A
Frequency Range: 40Hz ~ 400Hz Response: Avg. Value Max. Input Current: 600A AC		

DC CURRENT		
Range	Accuracy	Resolution
60A	±(2.5% + 8 digits)	0.1A
600A		0.1A
Max. Input Current: 600A DC		

RESISTANCE		
Range	Accuracy	Resolution
600Ω	±(0.8% + 3 digits)	0.1Ω
6kΩ		0.001kΩ
60kΩ		0.01kΩ
600kΩ		0.1kΩ
6MΩ		0.00M1Ω
60MΩ	±(1.2% + 3 digits)	0.1MΩ
Overload Protection: 250V DC or AC (valid value) Open Circuit Voltage: Approx. 0.4V		

CAPACITANCE		
Range	Accuracy	Resolution
6nF	± (4.5%+5 digits)	0.1nF
600nF		0.1nF
6uF		0.001uF
60uF		0.01uF
600uF		0.1uF
6mF		1uF
60mF		0.01mF
Overload Protection: 250V DC or AC (valid value)		

FREQUENCY		
Range	Accuracy	Resolution
10Hz	±(0.5% + 2 digits)	0.001Hz
100Hz		0.01Hz
1000Hz		0.1Hz
10kHz		0.001kHz
100kHz		0.00kHz
1000kHz		0.1kHz
10Mhz		0.001Mhz

FREQUENCY		
(When measuring current, through the clamp)		
Range	Accuracy	Resolution
100 Hz	± (1 % + 5 digits)	0.1 Hz
1000 Hz		1 Hz
> 1000 kHz	Only reference	0.001kHz
Input signal range: >3A AC (T-RMS)		

FREQUENCY (V-GEAR)		
(When measuring voltage)		
Range	Accuracy	Resolution
100 Hz	± (1 % + 5 digits)	0.1 Hz
1000 Hz		1 Hz
> 1000 kHz	Only reference	0.001kHz
Input signal range: >3A AC (T-RMS)		

DUTY CYCLE		
Range	Accuracy	Resolution
0.1 ~ 99.9%	± 3%	0.1%

DIODE AND CONTINUITY	
DIODE TEST	00.1V Display approximate for ward voltage of Diode - Forward DC Current is about 1mA. - Reverse DC voltage is about 3.3V - Overload Protection:250V DC or AC (valid value)
CONINUITY TEST	0.1Ω Built-in buzzer will be sounded if resistance is less than 50Ω Overload Protection:250V DC or AC (valid value)

TEMPERATURE		
Range	Accuracy	Resolution
-50°C ~ 1300°C	± (1% + 3 digits)	1°C
-58°F ~ 2372°F	± (1% + 3 digits)	1°F
Accuracy does not include error of thermocouple probe Overload protection 250V DC or AC (valid value)		