

DIGITAL CLAMPMETER
B-6013

- 600A AC
- AUTO-RANGE
- TRUE-RMS
- DUAL READING

FEATURES

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

AC V
DC V

T-RMS

CAT III
600V

AUTO
RANGE

DUAL
READING

6000
COUNTS

3 5/6
DIGITS

ABOUT THE PRODUCT

This 3 5/6 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, frequency, duty ratio, resistance, capacitance, temperature, diode, continuity, line connection test 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 AAA 1.5Vx3 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
Input Resistance: About 10MΩ Max. Input Voltage: 600V DC		

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

AC CURRENT		
Range	Accuracy	Resolution
6A	±(3.0% + 6 digits)	0.01A
60A		0.1A
600A		0.1A
Frequency Range: 40Hz ~ 400Hz – Response: average value. Max. Input Current: 600A DC Max. Input Current: 600A AC		

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

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

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
10Hz	± (1.5% + 5 digits)	0.01Hz
1000Hz		0.1kHz
1kHz	Only for reference	0.001kHz
Max. Input Current: 600A Input signal range: 4A AC (T-RMS)		

FREQUENCY (V-GEAR)		
(When measuring voltage)		
Range	Accuracy	Resolution
10 Hz	±(1.5% + 5 digits)	0.01Hz
1000 Hz		0.1kHz
>1kHz		0.001kHz
Input Resistance: About 10MΩ		
Input Voltage range: 0.2V AC (RMS)		
Max. Input Voltage: 600V 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)		

DIODE AND CONTINUITY	
DIODE TEST	Display approximate forward voltage of diode - Forward DC Current is about 1mA - Reverse DC voltage is about 3.3V
CONTINUITY TEST	Beeper sounds when resistance is less than 50 OHMS (open circuit voltage about 2.1V)

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