

## DIGITAL CLAMPMETER B-6028

- 600A AC/DC
- 600V AC/DC
- SMART
- DUAL READING

### 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

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

SMART

DUAL  
READING

6000  
COUNTS

3 5/6  
DIGITS

### ACCESSORIES (Included)

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

## 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, 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	±(0.5% + 3 digits)	0.1mV
6V		0.001V
60V		0.01V
600V		0.1V
<ul style="list-style-type: none"> <li>In AUTO mode, input voltage ranges from 0.8V to 600V DC</li> <li>Input voltage range in mV mode: 0.0mV ~ 600 mV DC</li> </ul>		

AC VOLTAGE (TRMS)		
Range	Accuracy	Resolution
600mV	±(0.8% + 3 digits)	0.1mV
6V		0.001V
60V		0.01V
600V		0.1V
<ul style="list-style-type: none"> <li>In AUTO mode, input voltage ranges from 0.8V to 600V AC</li> <li>Input Voltage range in mV mode: 0.0mV to 600mV AC</li> <li>Frequency: 40Hz ~ 1000Hz</li> </ul>		

AC CURRENT		
Range	Accuracy	Resolution
60A	±(2.5.0% + 30 digits)	0.01A
600A		0.1A
<b>Frequency Range:</b> 40Hz ~ 400Hz – Response: average value <b>Min. Input Current:</b> 0.8A AC <b>Max. Input Current:</b> 600A AC		

DC CURRENT		
Range	Accuracy	Resolution
60A	±(2.5.0% + 30 digits)	0.01A
600A		0.1A
<b>Frequency Range:</b> 40Hz ~ 400Hz – Response: average value <b>Min. Input Current:</b> 0.8A AC <b>Max. Input Current:</b> 600A DC		

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

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

CAPACITANCE			
Range	Accuracy	Resolution	
6nF	± (10%+ 40 digits)	0.1nF	
600nF		0.1nF	
6uF		0.001uF	
60uF		0.01uF	
600uF		0.1uF	
6mf		1uF	
60mf		0.01mF	
<b>Overload Protection:</b> 600V DC or AC Valid value			

FREQUENCY		
Range	Accuracy	Resolution
10Hz	± (1% + 5 digits)	0.001Hz
100Hz		0.01Hz
1000Hz		0.1Hz
10kHz		0.001kHz
100kHz		0.01kHz
1000kHz		0.1kHz
10Mhz		0.001Mhz
<ul style="list-style-type: none"> <li>Measuring range: 1Hz ~ 10Mhz</li> <li>Input signal pattern: &gt;0.8V AC current (RMS)</li> </ul>		

FREQUENCY		
(When measuring current, through the clamp)		
Range	Accuracy	Resolution
100 Hz	±(1% + 5 digits)	0.1Hz
1000 Hz		1Hz
<b>Measuring Range:</b> 40Hz – 1000 Hz <b>Input signal patten:</b> >3A AC (RMS)		

FREQUENCY (V-GEAR)		
(When measuring voltage)		
Range	Accuracy	Resolution
100 Hz	±(1% + 5 digits)	0.1Hz
1000 Hz		1Hz
<b>Measuring Range:</b> 40Hz – 1000 Hz <b>Input signal pattern:</b> >0.8V AC (RMS)		

DIODE & CONTINUITY TEST		
Range	Function	Resolution
Diode Test	Display approximate forward voltage of diode	0.001V
Continuity	Built in Buzzer will be sounded if resistance is less than 50 Ohms	0.1 Ohms

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		