

# Mini-Clamp Meters



Figure 1 Model shown GPS-230

**GPS-230** Mini AC Auto-Ranging Clamp Meter

**GPS-232** Mini AC/DC Auto-Ranging Clamp Meter

These meters have the features needed to trouble shoot most electrical, electro-mechanical and heating and ventilation problems. They are simple to use and have an array of features, plenty of measurement functions, conform to the latest safety standards and provide a much larger display that's easier to view. All models conform to EN61010-1 CAT III 1000V.

## Key Features

- Auto-ranging
- 0.9" (23mm) Jaw size
- Auto power off function
- Data Hold function
- Great value and highly efficient
- Light-weight and well packaged
- Low Battery Indication
- With soft carrying case

## Ideal for

- Outdoor measuring
- Circuit measurements
- Wind power, PV power and other renewable energy equipment
- Automotive electronics/electric car testing
- Electric power systems
- Industrial scenarios of electric debug testing and measuring
- Education and science research

## Technical Specifications

Model	GPS-232	GPS-230
Digital Display Counts	4000	2000
Display with Backlight	YES	YES
Data Hold function	YES	YES
Max. Hold function	NO	YES
Zero Function for DC current	YES	----
Low battery indication	YES	YES
AC/DC Current measurement	AC/DC	AC
Jaw size	0.9" (23mm)	0.9" (23mm)
DC Current Range Resolution Accuracy	400.0A / 40.00 A 0.1 / 0.01 A ± (2.5% + 6 digits)	----
AC Current Range Resolution Accuracy	400.0A / 40.00 A 0.1 / 0.01 A ± (2.5% + 6 digits)	2.000A/20.00A/ 200.0/400A 0.001A/0.01A/0.1A/1A ± (3.0% + 10 digits)
DC Voltage / Resolution / Accuracy	600V / 0.1mV / ±0.8%	600V / 0.1mV / ±0.5%
AC Voltage / Resolution / Accuracy	600V / 0.1mV / ±2%	600V / 0.1mV / ±1.5%
Resistance / Resolution / Accuracy	40MΩ / 0.1Ω / ±1.5%	20MΩ / 0.1Ω / ±1.5%
Capacitance / Resolution	100μF / 0.01nF	----
Frequency / Resolution	150.0 kHz / 0.001 Hz	----
Duty cycle	0.5 to 99.0 %	----
Diode check / Continuity test	YES/YES	YES/YES

### Standard Accessories

Test leads  
9V Battery  
Temperature probe (GPS-275 only)  
Soft carrying case  
User manual



## General Specifications

Part Numbers / Optional Accessories		
Code	Item	Part Number
GPS-230	Mini AC Auto-ranging Clamp Meter	470230
GPS-232	Mini AC/DC Auto-ranging True-RMS Clamp Meter	474232

### Dimensions

200 x 50 x 47mm / 7.8 x 2 x 1.8" (w x d x h) approx.

### Mass

0.2kg/0.5lbs approx.

### Services

1-year warranty (subject to product registration with GPS Ltd)

Visit [www.gpslimited.com/register-product](http://www.gpslimited.com/register-product)  
Service and calibration available.

Please contact for more information

[www.gpslimited.com/ClampMeter](http://www.gpslimited.com/ClampMeter)  
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