

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 significant features, more measurement functions, conform to the latest safety standards, and 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
- Low cost & high efficiency
- Low weight & small package
- 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
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 GPSLtd)

Visit www.gpslimited.com/register-product
Service and calibration available.

Please contact for more information

www.gpslimited.com/ClampMeter
For all enquiries, Tel: +44 (0) 208 964 3600
Email: info@gpslimited.com