

GPS-

132C

Discover the tremendous value with a range of features that help this meter provide the precise measurements you need



This meter will accurately measure capacitors, inductors and resistors using the test frequencies of 100Hz, 120Hz 1 kHz, 10kHz and 100kHz.

The dual display will simultaneously display the associated quality factor, dissipation or phase angle value using a series or parallel equivalent circuit. This meter is shipped fully tested and calibrated and, with proper use, will provide years of reliable service

Key Features

Frequency Range: 100Hz, 120Hz, 1kHz, 10kHz, 40kHz, 100kHz

- Supports Electrolytic Capacitance Measurement;
- Automatic Recognition of Component Measurement;
- Support screening and deviation measurement;
- 2.8-inch TFT display, 4-bit semi-display;
- USB communication interface; Supports SCPI
- Large capacity lithium battery power supply;
- Adjustable measuring speed, manual and automatic range;
- Short circuit correction with open circuit;
- Provides multiple test ports.
- Provide system settings: configure language, buzzer, screen brightness and so on according to user requirements

www.gpslimited.com/132C
 For all enquiries, Tel: +44 (0) 208 964 3600
 Email: info@gpslimited.com

Technical Specifications

| GPS-132C Handheld LCR Meter | |
|-----------------------------|---|
| Test frequency | 100Hz,120Hz,1KHz,10KHz,40kHz,100KHz |
| Basic accuracy | 0.30% |
| Display | 2.8-inch TFT LCD |
| Display digit | Main parameters: 5 bits, secondary parameters: 5 bits |
| Measurement parameters | Main parameters: L/C/R/Z, sub-parameters: X/D/Q/theta/ESR |
| Electrolytic capacitor mode | YES |
| Measuring range | L : 0.000 H~2000H, C : 0.000pF~20.000mF, R : 0.0001 ~200.00M |
| Measurement display speed | 1/s (slow), 2/s (medium), 4/s (fast) |
| Test level | 0.6Vrms |
| Calibration function | Open circuit calibration and short circuit calibration |
| Screening function | The limit range of screening can be set to 1%-50%, of which the fixed points are 1%, 5%, 10%, 20%. |
| Deviation measurement | Used to compare the percentage of deviation between the component and the nominal value set and display |
| Other | Adjust backlight brightness, automatic shutdown time can be set, USB Device communication |

Standard Accessories

Mini-USB data cables;
Power adapter;
Short circuit chip;
Red & black rubber plug;
Large capacity lithium battery

Power

Rechargeable lithium-ion battery 5V and 2600mAh

Optional Accessories

Kelvin test clip
SMD testing clamp

General Specifications

| Part Numbers / Optional Accessories | | |
|-------------------------------------|--|-------------|
| Code | Item | Part Number |
| GPS-132C | Handheld meter with adjustable test frequency and dual display | 500301 |

Mass

365g/0.8lbs approx.

Dimension

192 x 91 x 52.5mm / 7.5 x 3.5 x 2" (w x d x h) approx.

Operating

0 ~ 40 °C, relative humidity <80%

Storage

-10 ~ 50 °C, relative humidity <80%

Services

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

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