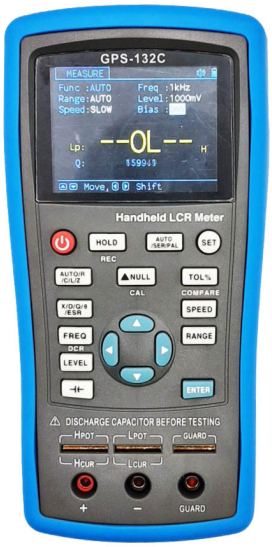
LCR METER

GPS LTD.

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; stepping frequency is continuously adjustable at 1Hz;
- 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

فروشگاه آذرپرتو
WWW.AZARPARTO.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

Optional Accessories
Kelvin test clip
SMD testing clamp

Power
Rechargeable lithium-ion battery 5V and 2600mAh

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 ℃, relative humidity <80%

Storage
-10 ~ 50 ℃, relative humidity <80%

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

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

فروشگاه آذرپرتو
WWW.AZARPARTO.COM