



GPS

135A



A portable, handheld meter utilising a high-performance processor and a colourful touchscreen display for clear and concise operation

The GPS-135A is an advanced hand held LCR meter with test frequency up to 100 KHz. With a basic accuracy of 0.2%, auto or manual ranging and built-in comparator function, the 135A approaches the capabilities of many more expensive bench LCR meters. Yet, the 135A is fully portable so you can take it anywhere, be it the plant floor or the QA test lab. With its lengthy lithium battery life, and 2.8" full colour backlit screen and high resolution (49999) digit multi-line display, the 135A gets all your LCR measurement work done quickly and accurately.

Key Features

- 2.8 inch true-colour 16M colour TFT-LCD display with touch screen
- Data hold function
- USB communication, compatible
- SCPI instruction set
- Adjustable back light
- Automatic power off
- Open/short scan
- Frequency reset for each range
- 1 set compare main parameters

Ideal for

- Field services
- Passive component troubleshooting
- Electronic assembly
- Incoming inspection (component sorting)

Technical Specifications

Model	GPS-135A
Parameter	DC Resistance
Accuracy	0.05%
Measurement Range	10 $\mu\Omega$ to 20M Ω
Measurement Current	I-Max: <1A Current Mode: high current, low current
Range	Auto, manual, nominal with 10 ranges
Speed	30 times/second, 15 times/second, 3 times/second
Display	ABS, PER, SEQ
Display Max	20000
Adjustment	Short-circuit Zero-Adjust for each range
Comparator	Built-in sorting record, GD/NG sorting result display
Trigger	Internal, manual, remote
Interface	Built-in mini-USB
Temperature Compensation	Accuracy: 0.2°C, Measurement range: 0 ~ 80°C
Measuring Method	4 terminal (two sense, two drive)

Standard Accessories

Four terminal Kelvin test clips
Li-battery
Mini-USB communication cable
Four terminal test probes
Data acquisition software
Carrying case
AC power adaptor
User manual

Power

100-240V AC @ 50/60Hz 0.35A
2200mAh, 8.4V, rechargeable battery

Max. Power

≤5W

Battery Capacity

Over 8 hours of continuous use

General Specifications

Part Numbers / Optional Accessories		
Code	Item	Part Number
GPS-135A	Handheld DC Milli-ohm Meter	620885

Dimensions

130 x 211 x 38mm / 5.1 x 8.3 x 1.5" (w x d x h) approx.

Mass

0.6kg/1.3lbs approx.

Services

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

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

Please contact for more information

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