

# GPS-8815A



## Accurate micro-ohm measurements

The 8815A Portable DC Low Resistance Tester is a compact instrument engineered for precise, low-resistance measurement using a high test current up to 1 A and a true four-wire (Kelvin) method. Its rechargeable battery, robust build and clear backlit LCD make it ideal for field work, production lines and maintenance labs. With on-board memory and USB connectivity, results are easy to store and share.

### Key Features

- Test current  $\geq 1$  A for accurate low- $\Omega$  measurement
- True 4-wire Kelvin method (lead resistance eliminated)
- Range 0.001 m  $\rightarrow$  300.0 k with 1  $\mu\Omega$  resolution
- 500 memory groups with on-device recall
- USB interface for data export
- Backlight LCD; Auto Power-Off
- Overload & reverse polarity protection

### Ideal for

- Transformer & motor winding resistance
- Busbar, switchgear & contact resistance
- Cable/joint/connector verification
- QA/production benches & field service

[www.gpslimited.com/8815A](http://www.gpslimited.com/8815A)  
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# DC Low Resistance Tester

## Technical Specifications

GPS-8815A Portable DC Low Resistance Tester	
Measurement method	4-wire (Kelvin)
Measurement range	0.001 mΩ – 300.0 kΩ
Resolution	1 μΩ
Accuracy	± 0.1 % FS (typical)
Test current	Up to ≥ 1 A
Display	Backlit LCD
Memory	500 groups; local recall supported
Interface	USB (data export)
Auto power-off	Yes

### Standard Accessories

- 8815A main unit
- Kelvin test leads (red/black)
- USB data cable
- Power charger
- User manual & warranty / calibration certificate

### Power Supply

Rechargeable 3.7 V / 2000 mAh battery

### Standards Compliance

designed to meet IEC 61010-1; CE; RoHS

## General Specifications

Part Numbers / Optional Accessories		
Code	Item	Part Number
GPS-8815A	DC Low Resistance Tester • ≥ 1 A Kelvin test • 0.001 mΩ – 300.0 kΩ • 500 memory sets	908815

### Mass

Instrument 480 g (incl. battery)

### Dimension

187 x 119 x 50 mm (approx.)

### Operating

-10°C to +40°C, ≤70% RH

### Storage

-20°C to +60°C, ≤80% RH

### Services

1-year warranty (subject to product registration with GPS Ltd)  
Please contact for more information.

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