DC Low Resistance Tester

GPS LTD.

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 ≥ 1 A for accurate low-Ω measurement
- True 4-wire Kelvin method (lead resistance eliminated)
- Range 0.001 m → 300.0 k with 1 μΩ 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
For all enquiries, Tel: +44 (0) 208 964 3600
Email: info@gpslimited.com

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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