

GPS

885



A portable, handheld meter utilising high-performance processors and a smart screen display for clear and concise operation

Accurate and convenient measurements of passive-components can be achieved in all occasions over a long period of time. With a wide measurement range from $10\mu\Omega$ to $20M\Omega$, it can guarantee 0.05% accuracy even under testing speed conditions of under 15 times/second. Implementing a unique current testing mode, the meter can adapt to different testing parameters. To apply long distance control, DAQ and analysis, the GPS-885 is equipped with a mini-USB interface. A perfect instrument for all types of resistance measurements in the palm of your hand.

Key Features

- ABS/PER/SEQ comparison criteria
- Comparator function: GD/NG Show555
- 3.5 inch, TrueColor 16M LCD TFT display
- Auto Zero-Adjust for each range
- Four-terminal resistance measurement
- Rechargeable battery and mains operated
- Mini-USB interface / SCPI compatible / Keypad lock function

Ideal for

- High/Medium/Low Ohm tests:
 - Switch connections
 - Connector contacts
 - Relay coil and contact resistance, etc...
- Transformers, inductors, motors, deflections coil winding resistance, wire resistance
- Metal winding resistance of vehicles, vessels and airplanes
- PCB line and hole resistance

Technical Specifications

Model	GPS-885
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-885	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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