



# GPS-885 HANDHELD DC MILLIOHM METER

GPS-885 handheld DC milliohm meter is the use of high-performance processors and 3.5" TFT LCD screen smart handheld Meter.

Accurate and convenient measurements of passive-components can be achieved in all occasions for a long time. Wide Measurement Range from  $10\mu\Omega$  to  $20M\Omega$ , and 20000 readers. It can guarantee 0.05% accuracy, even in the condition of the testing speed under 15t/s. its unique current testing mode can adapt different testing. To apply to long distance control, DAQ and analysis, GPS-880P is equipped with Mini-USB interface.

GPS-880P can test all kinds of high-ohm, medium-ohm, low-ohm tester; switch connect, connector contact, relay coil and contact resistance; Transformer, Inductor, motor, deflection coil winding resistance, wire resistance; The metal winding resistance of vehicle, vessels, and airplane; PCD line and hole, etc.

## FEATURES:

- Rechargeable Battery and main power operated
- Automatic power off Function
- ABS/ PER/SEQ comparison criteria
- Comparator Function: GD/NG Show555
- 3.5 inches, Trucolor 16M, TFT-LCD Display
- Auto Zero-Adjust for each range
- Four-terminal resistance measurement.
- Mini-USB interface
- SCPI compatible command sets
- Keypad lock function
- Switch both in English and Chinese.
- Background-lightness adjustment function
- Automatic shutdown set
- Size 211mm (L) x 131mm (W) x 38 mm (H)
- Weight: 500g
- Battery: 8.4V, Li, 2200mAh, chargeable
- Max power:  $\leq 5W$
- Battery capacity: Over 8 hours' continuous use

## APPLICATION:

- All kinds of low, medium and high resistor
- Switch contact resistance
- Enamel-insulated wire resistance
- Connector Contact
- Relay/switch connector contacts
- Transformer, Inducer, Motor, Deflection Coil winding resistance
- Welding Spot
- Wire resistance
- Metal riveting resistance of vehicle, vessels, airplane
- Pure resistance
- The resistance of motor and transformer
- Printed board line and hole resistance
- Low resistance character of Electromechanical Components





# GPS-880P HANDHELD DC MILLIOHM METER

## SPECIFICATION:

<b>Parameter</b>	DC Resistance
<b>Accuracy</b>	0.05%
<b>Measurement Range</b>	10 $\mu\Omega$ ~20M $\Omega$
<b>Measurement current</b>	I-Max: <1A Current Mode: high current, low current
<b>Range</b>	Auto, manual, nominal with 10 ranges
<b>Speed</b>	30 t/s, 15t/s, 3t/s
<b>Display</b>	ABS, PER, SEQ compare way
<b>Display Max</b>	20000
<b>Adjustment</b>	Short-circuit Zero-Adjust for each range
<b>Comparator</b>	Build-in sorting record, GD/NG sorting result display
<b>Trigger</b>	Internal, Manual, Remote
<b>Interface</b>	Build-in Mini-USB Interface
<b>Temperature compensation</b>	Accuracy: 0.2 °C Measurement Range: 0~80°C
<b>Measuring Method</b>	4 Terminal (2 sense 2 drive)
<b>Main input</b>	100-240V AC @ 50/60Hz 0.35A 2200mAh Rechargeable Battery
<b>Dimension / Weight</b>	130mm (W)x211 mm(H)x38mm (D) / 650g
<b>Standard accessories</b>	Four-terminal Kelvin Test Clip , user manual AC power adapter , Carrying Case, Li- battery, Mini-USB communicable cable Four-terminal test Probe, data acquisition software