



GDZRC-10Q DC Winding Resistance Tester



Product Description

GDZRC series DC winding resistance tester is designed to measure DC resistance of inductive devices, such as transformers, power inductors, reactors, generators, motors etc. It has the features of fast measurement, small size and high accuracy of measurement, which is ideal equipment of measuring transformer winding and DC resistance of big power inductance equipment.

Features

- Four leads measurement to ensure measuring accuracy.
- Big output current, light weight, small size, easy to carry.
- 5 ranges of output current, max. 10A current output.

- Built-in large capacity lithium battery, easy for on-site operation, more than 8 working hours continuously.
- Wide measurement range (0-20k Ω), applicable to not only distribution transformer, inductor, reactor, electric generator, motor, but also switch, copper bar, contactor, relay contacts, metallic wire, power cable accessories etc.
- Menu interface is simple and user-friendly, displayed data is readable and legible in the sunlight.
- If test line is disconnected or power supply is interrupted accidentally, built-in discharge circuit and back EMF protection circuit will endow it with strong anti-arc discharge capability.
- AC/DC power supply. When power adapter is not plugged, it is powered by built-in lithium battery. When power adapter is plugged, it will switch to AC power supply automatically, and will be charged at the same time.
- Auto discharge and discharge indication function, to ensure safety and availability.

Specifications

Power Supply	DC: 12.6V/2.2AH Built-in lithium battery (with power adapter)
Output Current	5mA, 100mA, 300mA, 1A, 10A(Adjustable)
Measurement range (resistance range switch)	
10A	0-0.1 Ω

1A		0.03-6Ω
300mA		0.1Ω-20Ω
100mA		0.3Ω-60Ω
5mA		30Ω-20kΩ
Accuracy	Less than 1.000kΩ	±(0.2%RD+0.05%FS)
	1.000kΩ or above	±(0.2%RD+0.1%FS)
Min. resolution		0.1μΩ
Display		LCD screen, legible in the sunlight
Working Temperature		-10~40°C
Ambient Temperature		≤80%RH, no condensation
Storage Condition		-20°C~50°C, ≤95%RH, no condensation