



## GDZRC-10H Hand-held Transformer DC Winding Resistance Tester



### General Information

GDZRC-10H Hand-held Transformer DC Winding Resistance Tester is not only suitable for the measurement of inductive test object such as transformer, CT/PT and reactor, but also for the measurement of resistive test object such as copper bar, wire and switch contact.

As a newly-designed product, it has features of small size, fast test speed and high accuracy.

## Features

- Lithium battery power supply and 220V AC power supply. charge once, continuous testing hundreds of transformers, simple operation, more convenient.
- Output 6 steps of current, Max. output current 10A, Max. output voltage 25V, and current step can be automatically selected. Wide range of 500uΩ~50kΩ.
- With the resistance temperature conversion function, and wireless temperature measurement module can be selected, real-time measurement of field sample temperature, to ensure the accuracy of resistance conversion value.
- With a variety of protection functions such as counter electromotive force protection, wire breakage protection, powered-off protection, overheating alarm, etc.
- 5.6-inch industrial grade high brightness color LCD screen, the display is still clearly visible in strong sunlight.
- Equipped with external printer for printing.
- It has local storage and flash storage.

## Specification

### DC winding resistance

Current step	Measurement range
1mA	500Ω~50kΩ
10mA	50Ω~2kΩ

100mA	10Ω~200Ω
1A	100mΩ~20Ω
5A	10mΩ~1Ω
10A	500uΩ~200mΩ

- Accuracy:  $\pm(\text{reading} \times 0.2\% + 2 \text{ digits})$
- Min. resolution: 0.1uΩ
- Weight: 1.6kg (without test lines)
- Size: 246\*156\*62mm

#### Use conditions

- **Power supply: 100~240VAC, 50/60Hz**

#### Lithium battery:

- Charging voltage: 16.8V
- Charging current:  $\leq 3A$
- Charging time: about 4 hours
- Working time: more than 8 hours
- Working temperature: -10~50°C
- Relative humidity:  $\leq 90\%$ , no condensing