

GDZRC series DC winding resistance tester

GDZRC-5U

GDZRC series DC winding resistance tester is designed to measure DC resistance of inductive devices, such as transformers and power inductors. 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.



Application

- Welding quality of winding contact
- Turn-to-turn short circuit of winding
- Contact of tap changer

Features

- 480*272dot matrix, 65k true color LCD display.
- High speed single chip control, high automation degree, easy operation.
- With sound discharge alarm, discharge indication is clear.
- Fast response speed. The tap changer can be converted directly in measurement status. The instrument update data automatically.
- Four leads measurement to ensure measuring accuracy.
- With clock and power-off storage. Save up to 1000groups test data.
- With USB port, for USB disk storage.

Specifications

- Output current: <20mA, 40mA, 200mA,1A, 5A
- Min. Resolution: 0.1 $\mu\Omega$
- Range:1m Ω -2 Ω (5A)
 - 5m Ω -10 Ω (1A)
 - 100m Ω -50 Ω (200mA)
 - 1 Ω -250 Ω (40mA)
 - 100 Ω -20K Ω (<20mA)

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- Accuracy: $\pm(0.2\%+2\text{digit})$
 - Working temperature: 0-40°C
 - Working humidity: <90%RH, no condensation
 - Size: 400*200*280mm
 - Weight: about 11kg, with accessories.

Packing List

Test Lead	1 set, 2pcs
Power cord	1 piece
Fuse	2 pcs
Print paper	1 roll
Ground cable	1 piece
Communication cable	1 piece
User's Guide	1 copy
Factory test report	1 copy