RDZR-10AS Dual-Channel Winding Resistance Meter

The DC resistance test of transformers is a must-test item for semi-finished products, finished products factory tests, installation, handover tests, and preventive tests of the power department in transformer manufacturing. It can effectively discover whether there are manufacturing defects, such as looseness, missing stocks, wire breakage, etc., in the selection, welding, and connection of the transformer coil and hidden dangers after operation. The instrument uses a new power supply technology to measure the transformer's DC resistance quickly. The dual-channel winding resistance meter is small, lightweight, and has a large output current. The whole machine is controlled by a single-chip microcomputer, which automatically completes the functions of self-inspection, data processing, and display. It has the functions of automatic discharge and discharge indication. The instrument has high test accuracy and simple operation, which can rapidly measure transformer direct resistance. RDZR-10AS Dual-Channel winding resistance meter is designed for temperature rise measurement of three-core five-column large transformers. The charging and measuring speed is fast, which can meet the time requirements of the transformer temperature rise test: dual-channel measurement, real-time sampling, and printout.

🕮 Product Features

1. The instrument has a large output current and high voltage.
2. Dual-channel measurement, measuring two resistance values at the same time.
3. It has a complete protection circuit and strong reliability.
4. The horizontal structure is convenient for the on-site operation of the transformer factory.
5. With audible discharge alarm and clear discharge indication to reduce misoperation

Product specifications and technical parameters

1. High-voltage side output current: <15mA, 40mA, 200mA, 1A, 5A,10A
   Low-voltage side output current: 2A, 5A, 10A, 20A
2. Test range：

High voltage side：	0.5mΩ～0.8Ω	（10A）
	1mΩ～2Ω	（5A）
	5mΩ～10Ω	（1A）
	100mΩ～50Ω	（200mA）
	1Ω～250Ω	（40mA）
	10Ω～20kΩ	（<15mA）
Low voltage side：	100μΩ～500mΩ	（20A）
	200μΩ～1Ω	（10A）
	1mΩ～1.6Ω	（5A）
	5mΩ～4Ω	（2A）

3. Accuracy：±(0.2%+2 bite)
4. Resolution：0.1μΩ
5. Working temperation：0～40℃
6. Environmental humidity: ≤90%RH, no condensation
7. Power supply：AC220V±10%，50Hz±1Hz
8. Dimension：448*463*177(mm)
9. NW：17.6kg

Rui Du Mechanical and Electrical (Shanghai) Co., Ltd

TEL: +86-021-68769756
Contact: Nico Zhou
Position: Sales Manager
Email: sales@hvtesters.com
Website: **www.hvtesters.com**
Mob/ WhatsApp:
+86-136 6190 8522