

HTZZ-50A Transformer DC Resistance Tester



I. Introduction

DC resistance measurement of transformer winding is an essential test project during transformer delivery, repair and changing tapping switch. Usually, it is a time consuming task to use traditional methods (bridge method and voltage drop method) to measure transformer winding and DC resistance of high-power inductive device. In order to change this situation: shorten measurement time and reduce the staff's workflow, our company has developed DC resistance rapid tester. The instrument using new power technology, with characteristics such as stable performance, rapid test, small size, light weight, easy operation, high measure precision and good data reproducibility, is the ideal equipment to measure transformer winding and DC resistance of high-power inductive device.

II. Features

1. Use new power technique, with stable property.
2. Fast to test.
3. Small in volume, easy to use.
4. High accuracy, test results with excellent repetitiveness

III. Parameters

Item	Technical specifications and parameters	Remarks
Measure current	2.5A, 5A, 10A, 20A, 50A	/
Measure Range	2.5A 10mΩ~8Ω 5A 1mΩ~4Ω 10A 1mΩ~2Ω 20A 1mΩ~1Ω 50A 1mΩ~500mΩ	/
Accuracy	±0.2%(full range)	/
Data Storage	255	/
Display	LCD	Resistance display: 4 1/2 bits
Maximum resolution	0.1μΩ	/
Power supply	AC 220V±22V,50Hz±2 Hz	Fuse 5A

Maximum Power Dissipation	1500W	Inputting 10A test current
Work Environment	Temperature: 0°C~40°C Relative Humidity: ≤80%RH	/

IV. Accessories

