

## HTZZ-40A Transformer Resistance Meter



### 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.Can output 40A DC current, fast and stable to test.
- 2.CPU in high capacity can save 255 groups test results.
- 3.LCD display, easy to operate.
- 4.Can auto discharge and with discharge indicates function, to ensure the safety for equipment and people.
- 5.With high output current, light in weight, vertical chassis, convenient for field test.
- 6.With micro-printer, can print test results.
- 7.The saved test results can be required and printed

### III. Parameters

Item	Technical specifications and parameters	Remarks
Measure current	2.5A, 5A, 10A, 20A, 40A	/
Measure Range	2.5A 10mΩ~8Ω 5A 1mΩ~4Ω 10A 1mΩ~2Ω 20A 1mΩ~1Ω 40A 1mΩ~500mΩ	/
Accuracy	±0.2%(full range)	/
Data Storage	255	

Display	LCD	Resistance display: 4 1/2 bits
Maximum resolution	0.1 $\mu\Omega$	/
Power supply	AC 220V $\pm$ 22V,50Hz $\pm$ 2 Hz	Fuse 5A
Maximum Power Dissipation	1200W	Inputting10A test current
Work Environment	Temperature:0 $^{\circ}$ C~40 $^{\circ}$ C Relative Humidity: $\leq$ 80%RH	/

#### IV. Accesories

