

## HTZZ-10A Transformer DC Resistance Tester



### I. Introduction

When the transformer is cross-connected, overhauled or some of its switches are changed, direct current resistance testing of the transformer winding is a must. In general, to measure the transformer winding or large power output inductor equipment, the traditional electrical bridge method and pressure drop method require much time and energy. Thus, to shorten the measurement time and reducing the workload of testers, our company developed rapid direct current resistance tester. This is designed with new power supply technology and stable performance, fast measurement, compact, easy to use, high accuracy, good data reproducibility. It is an ideal piece of equipment for measuring transformer winding and large power output inductor equipment.

### II. Features

1. With new power supply technology, rapid measurement, compact, easy to use.
2. Can store max 255 groups test data.
3. Adopting “four-terminal” measurement method in technical, it eliminates the measurement error caused by down-lead resistance and contact.
4. Panel printer can quickly print measurement results.
5. Saved data can be reviewed and printed.

### III. Parameters

Item	Specifications and parameters	Remarks
Measurement current	1mA, 10mA, 1A, 5A, 10A	
Measure Range	1mA : 10Ω~20KΩ	
	10mA : 1Ω~2KΩ	
	1A : 10mΩ~20Ω	
	5A : 1mΩ~4Ω	
	10A : 1mΩ~2Ω	
Accuracy	±0.2% (full range±2 digit)	
Data storage	255	
Display mode	LCD display	Resistance display: 4 1/2 bits

Max resolution	0.1 $\mu\Omega$	
Power supply	AC220V $\pm$ 22V, 50Hz $\pm$ 2Hz	Fuse 5A
Maximum Power Dissipation	300W	When the test current of 10A
Work Environment	Temperature: 0 $^{\circ}$ C $\sim$ 40 $^{\circ}$ C ; Relative Humidity: $\leq$ 80%RH	
Dimension	400x200x280(mm)	
Weight	9kg	Not including accessories

#### IV. Accessories



Host



Test Wire



Power Cord



**manual,report,certificate**



Thermal Paper



Fuse