

## **HTBC-IV Transformer Ratio Tester**



### **I. Introduction**

HTBC-IV Transformer Ratio Tester is specially designed for three-phase transformer in power system, especially for transformer of type Z winding and other transformers whose zero-load current is relatively high. The tester has wide testing range, fast testing speed, favorable repeatability, flexible data processing, convenient connection, complete protection, easy learning and convenient operation

### **II. Features**

- 1.Applicable to transformers connected in Z type.
- 2.Two output voltages are optional and applicable to transformer whose zero-load current is relatively high.
- 3.Have wide testing range and the highest transformation ratio may reach 10000.
- 4.Automatically calculate tap position.
- 5.Fast speed, which is only 18 seconds for three-phase.
- 6.Favorable repeatability.
- 7.Automatically save 99 data at most.
- 8.Flexible data processing, including retrieval, print, transfer to U-disk, delete and upload to PC computer for testing.
- 9.Have transformer short-circuit protection and interturn short-circuit protection functions. In case of short circuit, relevant information will be displayed on the LCD screen in characters.
- 10.The upper computer could control the whole testing process, save data

### **III. Parameters**

Ratio testing range	1~10000
Group testing range	1~12
Accuracy	1~1000, 0.2 1000~10000 ,0.5
Power	AC230V $\pm$ 10%, 50HZ
Temperature	-20°C~40°C
Relative humidity	<85%
Dimension	325mm×278mm×188 mm
Weight	6.9Kg