

HTBC-V Multi-Function TTR Tester



I. Introduction

This equipment particularly suitable for Z- winding transformers, rectifier transformers and electrical systems railway Scott, inverse Scott balanced transformer. This tester using a large -screen LCD display, friendly man-machine interface, fully functional , easy to operate, it is the ideal instrument for power system , transformer manufacturers and railway electrical systems transformer ratio , group do not , polarity, and the angle of the testing.

II.Features

- 1.Suitable for test turns ratio and phase difference of special transformer.
- 2.Particularly suitable for measuring rectifier transformer with phase shift, intuitively display angle of phase shift.
- 3.Automatically generate stable amplitude, phase constant three-phase (120 °) or two phase (90 °) power supply.
- 4.Not restricted by the internal wiring mode of the transformer, directly measure voltage ratio and phase angle difference of HV and LV side.
- 5.Simultaneous 3-phase measurement.
- 6.Disposable set test parameters, test directly after converting tapping switch, automatically determine tap position and standard ratio.
- 7.Fast speed, test time 8 seconds.
- 8.Test results are not affected by power-frequency power frequency and amplitude fluctuations.
- 9.Internal protection function with over-current protection, high and low voltage reverse connection protection.
- 10.Can completely by the host computer to control the whole testing process, save the data, print the test report.
- 11.Auto save the test results, up to 99 groups.

III. Parameters

Ratio measuring range	1~10000
Group range	1~12
Accuracy	1~1000:0.2; 1000~2000:0.5; 2000~10000:1
Resolution	0.0001
Angular resolution	0.01°
Power supply	220V±22V 、 50Hz±1Hz
Temperature	-20°C~40°C
Relative Humidity	≤85%, no condensation
Dimension	320*400*170mm3
Weight:	7kg

IV. Accessories

