

HTBZ-H Transformer Test Bench



I. Introduction

Transformer test bench is mainly for power transformers, distribution transformers no-load, load characteristics test, induced voltage and frequency voltage withstand test. The device measurement part by the high-end single-chip control, digital display, no load, short circuit test data simultaneously sampled by the microcontroller to avoid the errors of traditional test methods in voltage, current meter , power meter readings were caused by manual calculation

II.Features

- 1.Using a large backlit LCD screen, operation, display classification clear and intuitive, easy to operate.
- 2.Can finish transformer no-load loss, load loss, DC resistance, TTR, AC hipot, induced voltage test.
- 3.Voltage, current digital meter or direct reading pointer meter, print loss, ratio, DC resistance test results.
- 4.Voltage withstand test with sound& light alarm, timing

III. Parameters

Item	Measurement range	Relative error
Voltage	0.1 ~ 600V	$\pm(0.2\% \text{ reading} + 0.1\% \text{ measurement range})$
Current	0.1 ~ 200A	$\pm(0.2\% \text{ reading} + 0.1\% \text{ measurement range})$
Power	$U \cdot I$	$\pm(0.2\% \text{ reading} + 0.1\% \text{ measurement range})$
Power factor	0.1 ~ 0.9999	$\pm 3d$
Power supply	AC220V $\pm 10\%$; 50HZ $\pm 2\%$	
Service condition	Temperature:0 ~ 40°C; relative humidity: 30% ~ 90%	
Dimension	Custom made	
Weight	Custom made	