

A Instrument Transformer Characteristic Tester-JYH-B

Introduction

JYH-B instrument transformer characteristic tester can measure the turns ratio, polarity and volt-ampere characteristics of the current transformers and voltage transformers. It has large power regulating transformer, step-up transformer and current-up device inside. The tester is widely used in the routine test of voltage and current transformers.



Features

- 1) The test voltage and current can be set, the tester will automatically increase the voltage and form the volt-ampere characteristic curve;
- 2) Ability to be connected with an external step-up transformer with output voltage upto 4kV and current upto 1.5A, which can test current transformers upto 500kV 1A;
- 3) Big LCD shows the volt-ampere curve, with micro-printer to print out the test data;
- 4) With numbers keyboards, easy operation, 100 test data storage;
- 5) RS232 communication port, can be connected to computer, test data can be upload to the computer for edit or save.

Technical Parameters

	Output voltage and current	Load range
Inbuilt step-up Transformer	0~2500V, 0~20A	1A/2500V, 2A/1500V, 5A/600V, 10A/220V, 20A/30V
Measuring Accuracy	Accuracy of volt-ampere: 0.5 class, accuracy of turns ratio measurement: 0.5 class (when secondary voltage $\geq 50V$, secondary current $\geq 200mA$)	
Inbuilt Current-up Device	0-800A/1000A	800VA
Precision of turns ratio measurement	$\leq 1\%$	
Deimension	425m(L)*300mm(W)*290mm (H)	
Net Weight	26kgs	

B Oil Dielectric Tester-YY6611



Introduction

Yy6611 oil dielectric tester is applicable for the oil dielectric test for the insulating liquids (oil) in transformers, reactors, bushings, switchgears and capacitors. The test device adopts perfect EMC design, which avoids the crash fault during test.

Features

- 1) More reliable and accurate test result because of since wave generator, voltage regulation from the power supply will not affect the test result;
- 2) Never crash fault, can work under strong electric field;
- 3) High new technology to reduce the discharge energy, which avoids any pollution to the oil sample during test;
- 4) New material oil cup with long lifetime;
- 5) Protection in case of low quality oil breakdown, cup breakdown.

Technical Parameters

Output Voltage	0~80kV or 100kV
Minimum Resolution	0.1kV
Accuracy	$\pm(2\% \text{ reading} \pm 0.2kV)$
Voltage Raise Speed	1.0, 2.0 or 3.0kV/s
Breakdown Time	$\leq 1ms$
Experimental Times	1~6
Volume Of The Oil Cup	400ml; 200ml
Distance Between The Poles	2.5mm (Electrode gap is adjustable)
Operating Temperature	0~40°C
Relative Humidity	$\leq 80\%RH$, non-condensing
Operating Power Source	AC 220V $\pm 10\%$, 50Hz $\pm 1Hz$
Dimension	310mm (L) * 420mm (W) * 360mm (H)
Net Weight	22kg