

HTFA-103 CT PT Tester



I. Introduction

The products put into the market after a lot of market researches, strict field tests and the authoritative department identification by our R & D team. Instrument adopts high performance data processing and microcomputer control architecture, advanced manufacturing process, to ensure the product performance stable and reliable, fully functional, high degree of automation, high test efficiency, is a professional protection box of high voltage insulation used to test current voltage transformers specialized detection equipment.

II.Features

- 1.Safe and convenient to operate: Full micro-computerized devices, built-in imported high-performance CPU, with high reliability, according the prompt of the interface to set test values, you need not touch the tested equipment, the equipment automatically finish the test, the test personnel far from high voltage circuit ,to ensure their personal safety.
- 2.Full-featured: CT volt-ampere characteristic test, inflection point calculation and error curve, CT ratio polarity test, contrast calculation, secondary side circuit inspection, PT volt-ampere characteristic test, PT ratio polarity test. Automatically records show that all kinds of test results, and can save the print test records, real-time instrument comes with the clock function, greatly convenient for the user to document the test report.
- 3.High output capacity: the maximum output voltage for volt-ampere characteristic tests up to 1000V, external booster (optional) can be maximum increased to 2500V, variable ratio test and a flow-through test maximum current 600A,the output capacity of equipment is 5KVA, can do the volt-ampere characteristic test of 500kV,1A current transformers
- 4.Large-screen 320 × 240 dot matrix character graphical interface, directly display volt-ampere characteristic curve after the test, graphics are clear, aesthetic, easy to analyze, equipped with micro-printer, can print the curves and test results at any time.
- 5.Built-in Flash memory device can store large amounts of test data, which will not be lost after power off. When the filed tests finished, people can check and print the tests results indoors.
- 6.U-disk dump: support U disk to dump test data, through PC to read, easy to operate.
- 7.PC with powerful software, beautiful outlook, easy to operate, can save and print the test results, convenient to manage the test data.
- 8.Apparatus can achieve AC220V and AC380V adaptive power supply. When the AC power input terminals connected to AC220V voltage, AC voltage output is 0 ~ 600 V, when the input terminals to AC380V voltage, AC voltage output is 0 ~ 1000 V. Users can choose according to actual needs.

III. Parameters

Power supply		AC380V	AC220V
CT volt-ampere characteristic test	stand-alone	0~1000V、0~20A	0~600V、0~20A
	external booster (optional)	0~2500V、0~3A	0~2000V、0~3A
	Resolution	0.1V、1mA	
	Accuracy	≤0.5%	
5% or 10% error curve	Accuracy	≤1.0%	
CT ratio test	Range	5~25000A/5A(5000A/1A)	
	Accuracy	≤1.0%	
PT volt-ampere characteristic test	stand-alone	0~1000V、0~20A	0~600V、0~20A
	external booster (optional)	0~2500V、0~3A	0~2000V、0~3A
	Resolution	0.1V、1mA	
	Accuracy	≤0.5%	
PT ratio polarity test	Range	1~10000	
	Accuracy	≤1.0%	
Primary current injecting	Current Range	0~600A	
	Current injecting time	5 min	
Power supply voltage	AC220V or AC380V 50HZ		
Working environment temperature	-10°C ~ +50°C		
host volume	420×330×320mm ³		
host weight	39kg		
external booster (optional) volume	310×310×330mm ³		
external booster (optional) weight	25kg		

IV. Accessories

