



HTFA-103A CT PT Tester



Product Introduction

Designed for automatic testing of protective and metrological CT/PT, suitable for laboratory and field testing.

The product names : PT volt-ampere characteristic tester, transformer volt-ampere characteristic integrated tester, CT voltage-current characteristic integrated tester, CT voltage-current characteristic tester, PT volt-ampere characteristic tester, transformer volt-ampere characteristic tester, volt-ampere characteristics of variable polarity than integrated tester, volt-ampere characteristic tester, volt-ampere characteristics integrated tester, volt-ampere characteristic tester, features comprehensive tester

Product Parameters

project	parameter
Working power supply	AC220V \pm 10% 、 50Hz

Output devices		Note: 0 ~ 5A is the real value, and greater than 5A ~ 20A is the calculated value
High current output		0~600A
Excitation precision		$\leq 0.5\%$ (0.2%* reading +0.3%* range)
Secondary winding resistance measurement	scope of	0.1~300Ω
	precision	$\leq 0.5\%$ (0.2%* reading +0.3%* range)
Secondary actual load measurement	scope of	5~1000VA
	precision	$\leq 0.5\%$ (0.2%* reading +0.3%* range) $\pm 0.1\text{va}$
Phase measurement (Angle difference)	precision	$\pm 4\text{min}$
	resolution of the	0.1min
contrast	precision	0.05%
CT ratio measurement	scope of	$\leq 50000\text{A}/5\text{A}$ (10000A/1A)
	precision	$\leq 0.5\%$
PT ratio measurement	scope of	$\leq 500\text{kV}$
	precision	$\leq 0.5\%$
work environment	temperature	$-10^{\circ}\text{C} \sim 40^{\circ}\text{C}$
	humidity	$\leq 90\%$
	altitude	$\leq 1000\text{m}$
size		410mm × 260mm × 340mm
weight of the		$\leq 22\text{kg}$

Product features

- 1、Support detection of CT and PT
- 2、It meets the requirements of GB 20840.3-2013, GB 20840.2-2014 and other regulations

- 3、 All test items can be completed by a single machine without external auxiliary equipment
- 4、 With its own mini fast printer, it can print test results directly on the spot
- 5、 Using intelligent controller, simple operation
- 6、 Large screen LCD, graphical display interface
- 7、 CT/PT (excitation) inflection point value is given automatically according to the procedure
- 8、 The 5% and 10% error curves are automatically given
- 9、 3000 sets of test data can be saved, which will not be lost after power failure
- 10、 Support U disk to save data, can be read through the standard PC, and generate WORD report
- 11、 Compact and light weight $\leq 22\text{kg}$, very conducive to field testing