



HTFA-107A 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