

## CPT100 - CT/PT Tester

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Description

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CPT100 is a CT/PT Tester is a fully automatic CT/PT characteristic test instrument using primary injection. This CT/PT tester can perform: CT/PT excitation characteristic test, CT/PT ratio and polarity test, AC withstand test and CT/PT load test. This tester is easy to operate by scientific design, and one person can complete all the testing work. The software has powerful functions, automatically calculates and gives the test results. The self-contained U disk storage function, combined with PC software, generates complete testing. Reporting, data management is simple and efficient, reducing the workload of testers. The instrument has its own micro printer, which can print test data and curves I real time. This instrument is a professional testing instrument with complete functions, suitable for laboratory and field testing, and widely praised by users.

### Features

- Automatic boost and trace voltage current characteristic test curve, save the cumbersome labor of manual pressure regulation, artificial record, tracing curves, and so.
- Testing CT/PT DC resistance, volt-ampere characteristics, ratio and polarity, 10% error curve, angle difference and ratio difference.
- Capability for secondary load of transformer, CT current test and PT AC withstand voltage testing.
- Large screen liquid crystal display, the test directly shows the volt ampere curve, intuitive and convenient. It with micro printers and can be convenient to print test data.

- large capacity memory, can store 3000 sets of test data which will not lost when power off.
- USB interface provided for data storage and RS232 is available for computer communication interface.

## Specification

<b>Booster output current &amp; voltage</b>		1A/2500V
		2A/1500V
		5A/600V
		10A/220V
		20A/30V
<b>Current generator output current</b>		600A
<b>Output power</b>		3000VA
<b>Voltage and current measurement accuracy</b>		±0.2%
<b>CT ratio tests</b>	<b>Range</b>	1~40000
	<b>Accuracy</b>	±0.2%
<b>PT ratio tests</b>	<b>Range</b>	1~40000
	<b>Accuracy</b>	±0.2%
<b>Phase measurement</b>	<b>Accuracy</b>	±5min
	<b>Resolving power</b>	0.5min
<b>Secondary winding resistance tests</b>	<b>Range</b>	0~1k?
	<b>Accuracy</b>	0.5%±2m?
<b>AC load tests</b>	<b>Range</b>	0~1000VA
	<b>Accuracy</b>	0.5%±0.05VA
<b>Power supply</b>		AC220V±10%?50Hz
<b>Work environment</b>		Temperature: -10°C~50°C, Humidity: ?90%
<b>Size &amp; Weight</b>		Size: 425mmx290mmx310mm Weight: 30kg