

## TEST-901

### Primary Current Injection Test Set

*TEST-901 primary current injection test set adopts ARM Chip to control its output process and large capacity of toroidal transformers. It is equipped with LCD display and current meter; it can show primary current value, second current value, turn ratio and the action time. Packing is used as aluminum alloy body with PC panel. TEST-901 is mainly applied to CT turn ratio testing in the power system and contact resistance test which need large current.*



### Applications

1. Primary injection tests
2. Protective Relay Testing
3. Circuit Breaker Testing
4. Current Transformer Testing
5. Recloser and Sectionalizers
6. Switchgear Testing
7. Ground Grid Testing

### Features

1. Permanent current up to 1000 A, 5KVA
2. Max current output up to 1100A
3. Built-in digital ammeter 0.5% accuracy
4. Built-in digital timer resolution 1ms
5. Small size, light weight, easy to test on-site
6. Thermal and short-circuit protection

### Parameters

Electrical parameters	
Accuracy	±0.5%
Accuracy	220V±10%·25A, 50Hz/60Hz or 110V±10%·50A, 50Hz/60Hz
Current Output (AC)	1000A·5V or 500A·10V
Capacity	5KVA
The current output waveform distortion	≤5%
Dual protection	overload electronic protection and software protection
Primary current	
Range	0-1100A
Resolution	0.1A
Accuracy	<0.5%

Electrical parameters - continued	
<b>Secondary measurement</b>	
Range	0-6A
Resolution	0.001A
Accuracy	<0.5%
<b>Current duration</b>	
1000A range	1000A 2-3minutes 500A 3-6minutes
500A range	500A 2-3minutes
<b>With timer</b>	
Range	0.0001~999.99S
Resolution	0.001S
Accuracy	<0.5% ±5 words
<b>Mechanical parameters</b>	
Dimensions (W×D×H) (mm)	430×260×260
Weight(kg)	25
<b>Environmental conditions</b>	
Temperature	-10°C to 40°C
Relative humidity	≤80%

## Selection Guide

Model	Accuracy	Primary Current	Ammeter (0-6A)	Timer	Power	Injection Current time	Dimension (W×D×H) (mm)	WT	Remark
TEST-901	0.50%	0-1100A	YES	YES	5KVA	1000A: 2-3min; 500A:3-6min	430×260×260	25KG	Integrated structure
TEST-902	0.50%	0-2200A	YES	OPTIONAL	12KVA	2000A:2-3min; 1000A:3-6min	360×300×295 and 320×300×300	35KG+15KG	Fission structure
TEST-903	0.50%	0-3300A	YES	OPTIONAL	15KVA	3000A: 2-3min; 1500A:3-6min	380×350×360 and 340×290×420	48KG+42KG	Fission structure
TEST-905	0.50%	0-5500A	YES	OPTIONAL	25KVA	5000A:2-3min; 2500A:3-6min	430×430×445 and 550×450×600	68KG+55KG	Fission structure