



T1000

Primary Injection Test Set

Feature

- Relay & CT Tester Function, Ratio, Secondary Impedance, Polarity, etc.
- Multimeter Function
- Easy to control
- PC report tool software
- Advanced high power constant current source with pulse width modulation technology for automated testing
- Continuously Output 1000A for 2 minutes, continuously output 400A for more than 5 minutes

High power AC voltage output (U1)

Range	10~250V
Accuracy	±0.5%
Power	750VA(250V)
Load time	Continuous

High power DC voltage output (Udc)

Range	10~300V
Accuracy	±0.5%
Power	600W
Load time output	<1A Continuous >1A Max 60min

Auxiliary DC voltage output (Aux Udc)

Range	20~240V
Accuracy	±1%
Power	55W at 110V/110W at 220V
Load time	Continuous at 0.5A

Certificates

EMC (Emission)	IEC-61000-3-2/3
EMC (Immunity)	IEC 61000-4-2/3/4/5/6/ 11
Safety	IEC 61010-1

Specifications

High power AC current output (I1)

Range	2A~50A 50A~1000A
Accuracy	±0.5%
Output voltage	20V 7V
Max Power	1000VA 7000VA
Load time	1000A 2min

Ammeter

Range	0~6A AC/DC 0~2000A AC with external CT
Accuracy	±1%

Voltmeter

Range	0-600V AC/DC
Accuracy	±1%

Binary inputs

Number	2 (auto detection)
Input characteristic	±30-±250VDC or potential free
Time resolution	1ms (0.001-1s) ±0.1% (1-9999.999s)
Max. measuring time	9999.999s

Binary output

Number	1
Type	Potential free relay contacts
Break capacity AC	Vmax 250V AC/ Imax 8A / Pmax 2000VA
Break capacity DC	Vmax 250V DC/ Imax 8A/ Pmax 150W

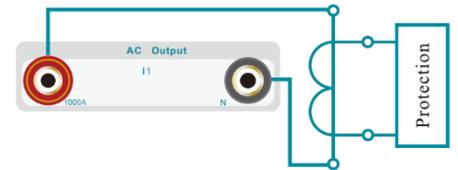
Power supply

Nominal input voltage	220V /240Vac
Permissible input voltage	-20%+15%
Nominal frequency	50-60Hz
Permissible frequency	45-65Hz

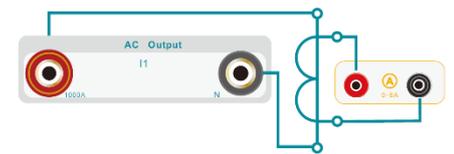
Others

Operation temperature	-5 -+50° C
Operation humidity	5 -95%,non-condensing
Weight	30Kg
Dimensions(W×H×D)	260×330×500 mm
PC connection	USB
Ground Socket (earth)	4 mm banana socket; front side
Emergency button	keylock emergency push button

Inject current into CT's primary side



CT Ratio

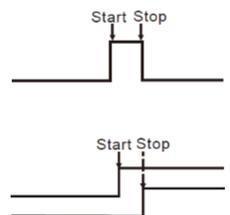
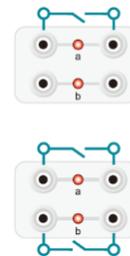


Ammeter and voltmeter



Internal measurement
External measurement

Single/ Dual timer





Menu

T1000 Universal Tester		V1.0
Any test	Auxiliary DC	
Relay test	Report view	
CT test	System Setting	
Timer	PC control	

Manual & Meter

Manual & Meter		F1 ↑
AC-I1 1000A ▼	I1	50.00A
(V) 005.00V (A) 001.00A 05.000Ω		

Motor overload test

Motor 1000A		F1 ↑
Offset	Time	
I1 000.00A		
Test> Press Enter		
I1 050.00A		

CT test

Ratio 1000A		F1 ↑
<input checked="" type="checkbox"/> 1A <input type="checkbox"/> 5A	Radio	
	200/1	
I1 0050.00A		
(A) 00.00A		

PC Report



Manual & Meter		F1 ↑
I1-50A ▼	I1	0000.00A
	(V) 000.000V (A) 00.000A 000.000Ω	

