

Model T1000



Primary Injection and Test Equipment

Features :

- Relay & CT Tester Function
- Multimeter Function
- Easy to control
- External PC report tool
- Advanced high power constant current source with pulse width modulation technology

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 characteristics	±30~±250V DC, 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	220Vac
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

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 >1A
	Time : continuous Max 60min

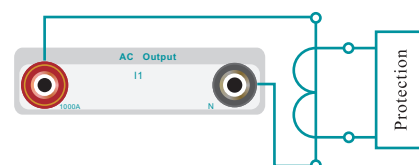
Auxiliary DC voltage output (Aux Udc)

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

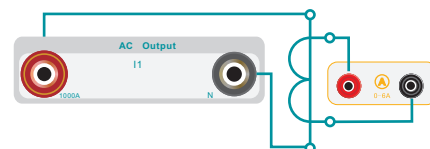
Certificates

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

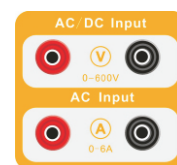
Inject current into CT's primary side



CT Ratio

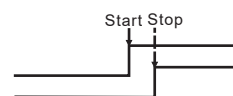
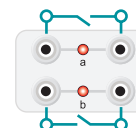
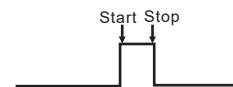
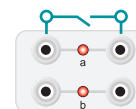


Ammeter and voltmeter



Internal measurement
External measurement

Single/ Dual timer



Offline Test

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
Ⓥ 005.00V Ⓐ 001.00A 05.000Ω		

Motor overload test

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

Software

PC Report

T1000_ReportV1.0

Report Format

☒ Word format report

☐ Txt format report

Please connect to the tester!

About...[A]

Exit[E]

