



T200A Universal Tester

Specifications

High power AC current output (I1)

Range	0.2A~20A	10~250A
Accuracy	±0.5%	
Output voltage	150V~100V	10V~8V
Power	2000VA(20A)	2000VA(250A)
Load time		
Output	250A 100A 50A <50A	
Time	120s 750s 3000s	continuous

High power AC voltage output (U1)

Range	10~500V
Accuracy	±0.5%
Power	1200VA(400V)
Load time	<1A : continuous 1~3A : Max 60min

High precision AC/DC current output (I3)

Mode	AC output	DC output
Range	0~200mA	0~200mA
Accuracy	±0.5%	±0.5%
Power(200mA)	75Ω	75Ω
Frequency	20~100Hz	—

High power DC voltage output (Udc)

Range	10~300V
Accuracy	±0.5%
Power(300V)	750W(300V)
Load time	Output : <1A >1A Time : continuous Max 60min

Binary inputs

Number	2
Input characteristics	30~250V DC, or dry contact
Time resolution	±1ms(0.001~1s) ±0.1%(1~9999.999s)
Max. measuring time	9999.999s

Auxiliary DC voltage output (Aux Udc)

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

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

AC/DC current output (I2)

Mode	AC output	DC output
Range	0~20A	0~20A
Accuracy	±0.5%	±0.5%
Power(20A)	200VA	200W
Frequency	20~100Hz	—
Phase angle	0~360°	—
Phase angle accuracy	0.5°	—
Distortion 1A~20A	<0.5%	—
Transient response	500μs	
Load time	20A : 60s 10A : 240s <10A : continuous	
Harmonic(2nd,3rd,5th,7th)accuracy	1%	

Power supply

Nominal input voltage	110/220Vac
Permissible tolerance	-20% ~+15%
Nominal frequency	50/60Hz
Permissible frequency	45~65Hz

Voltmeter

Range	0~600V AC/DC
Accuracy	±1%

Ammeter

Range	0~6A AC/DC
Accuracy	±1%

AC/DC voltage output (U2)

Mode	AC output	DC output
Range	0~120V	0~120V
Accuracy	±0.5%	±0.5%
Power(120V)	60VA	60W
Frequency	20~100Hz	—
Phase angle	0~360°	—
Phase angle accuracy	0.5°	—
Distortion 5V~120V	<0.5%	—
Transient response	500 μ s	500 μ s

Certificates

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

Others

Operation temperature	-5 ~ +50°C
Operation humidity	5 ~95 %, non-condensing
Weight	20.7kg
Dimensions (W x H x D)	430 mm×250mm×250 mm
PC connection	USB
Ground Socket (earth)	4 mm banana socket; front side

