Battery Test System



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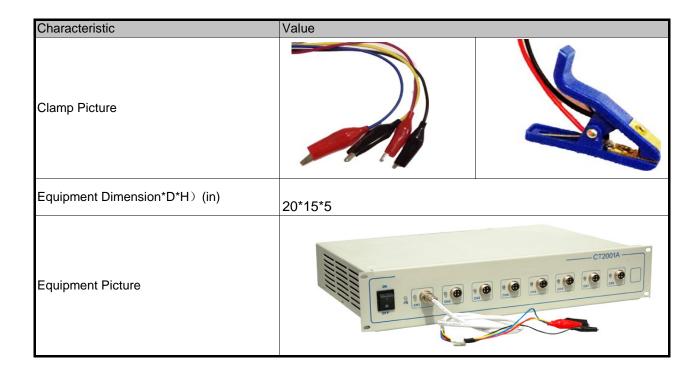
Artisan Technology Group

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LANDT INSTRUMENTS CT2001A-5V5mA BTS System

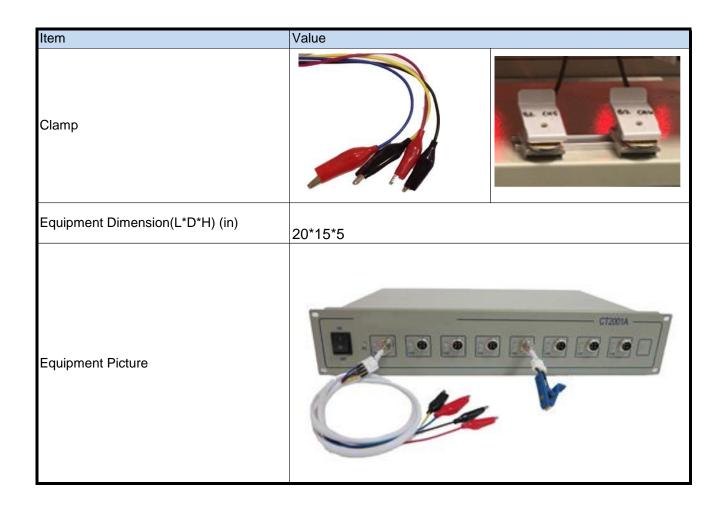
SV5mA A1				
Z				
nV~5V				
nA~5mA				
hh:mm:ss)				
·				
rge, CC-CV Charge				
scharge				
urrent Limit, Lower				
-10°C~50°C				



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CT2001A-5V10mA Battery Test System

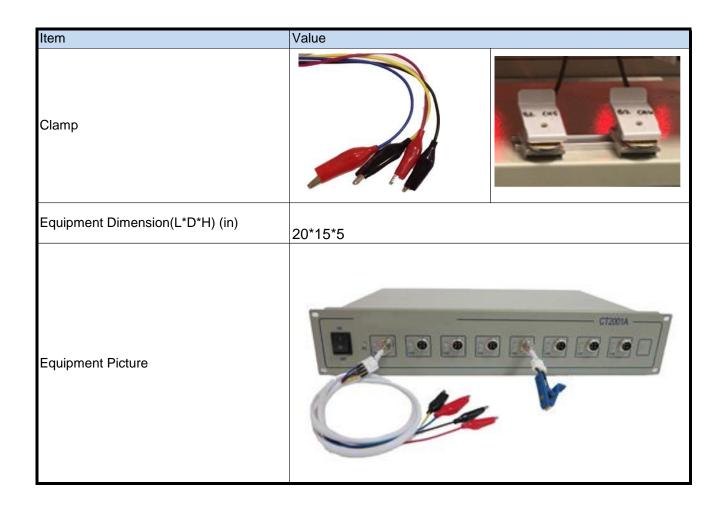
Model	CT2001A- 5	V 10	mΑ	Battery Test System			
Item				Value			
Input Power				AC 110V ±10% / 60Hz or AC 220V ±10% / 50Hz			
Working Po				30 W			
Resolution				AD: 16bit; DA: 16bit			
Input Imped	lance			≥1MΩ			
	Test Range			Charge : 10mV~5V Discharge : 10mV~5V			
	Lowest Discharge	Voltag	e	10mV			
Voltage				± 0.1% of FS +0.1% RD			
	Stability			± 0.1% of FS +0.1% RD			
	Test Range			Charge: 0.05mA~10mA Discharge: 0.05mA~10mA			
Current	Accuracy			± 0.1% of FS + 0.1% RD			
	Stability			± 0.1% of FS + 0.1% RD			
_	Single Channel P	ower		3.75W			
Power	Stability			± 0.2% of FS + 0.1% RD			
-	Current response	!		Current (10%~90% range) Response in 20ms			
Time	Step Duration			≤(365*24) hrs/Step Timing Format (hh:mm:ss)			
				Δt: (60s~60000s)			
Data	Recording Condit	ion		Voltage ΔU: (20mV~5V)			
Acquisition	_			Current ΔI: (0.02mA~10mA)			
	Record Frequency			0.33Hz			
Charge	Charge Mode			Constant Current (CC) Charge, Constant Voltage (CV) Charge, CC-CV Charge			
- · · · · · · · · · · · · · · · · · · ·	Cut-off			Voltage, Current, time, Capacity, -△V			
D'	Discharge Mode			Constant Current Discharge, Constant Power Discharge			
Discharge	Cut-off			Voltage, Current, time, Capacity, -△V			
	Cycle numbers			1~65535			
Cycle	Steps in each cyc	le loop		63			
	Cycle loops in a c	ycle		Support 3 inner cycles			
				Data saved automatically at power failure			
Protection	Safety Characteri	stic		Top Voltage Cut, Bottom Voltage Cut, Top Current Cut, Bottom			
				Current Cut, Time Cut			
Channel Ch				Independent Voltage/Current Control and Supply			
Connection				4-Electrode, 2-Electrode			
Noise				<85dB			
Communica	Communication port			RS422			
•				EXCEL, TXT			
Channel Numbers			8				
Working E	Working Environment						
Item				Value			
Working Te				0 ~ 40°C			
Storage Ter	mperature			-10 ~ 50°C			
Humidity				≤70% RH			
Storage Humidity				≤80% RH			



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CT2001A-5V20mA Battery Test System

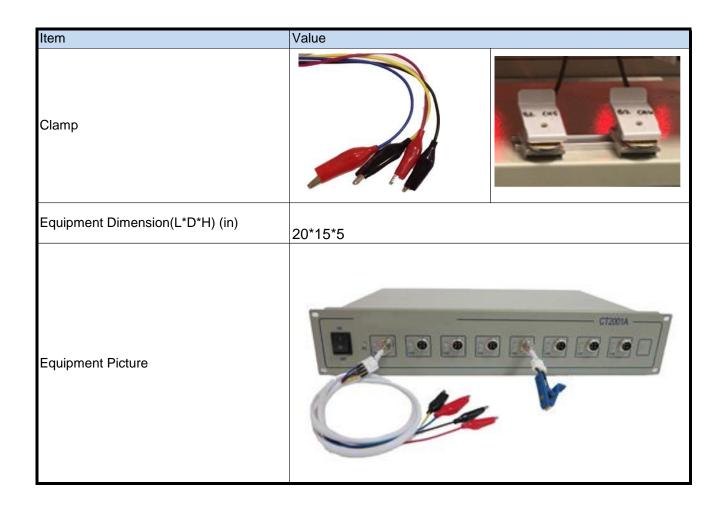
Model	CT2001A- 5 V 20 mA	Battery Test System			
Item		Value			
Input Power	•	AC 110V ±10% / 60Hz or AC 220V ±10% / 50Hz			
Working Po	wer	30 W			
Resolution		AD: 16bit; DA: 16bit			
Input Imped	ance	≥1MΩ			
	Test Range	Charge: 10mV~5V Discharge: 10mV~5V			
Valtaga	Lowest Discharge Voltage	10mV			
Voltage	Accuracy	± 0.1% of FS +0.1% RD			
	Stability	± 0.1% of FS +0.1% RD			
	Test Range	Charge: 0.1mA~20mA Discharge: 0.1mA~20mA			
Current	Accuracy	± 0.1% of FS + 0.1% RD			
	Stability	± 0.1% of FS + 0.1% RD			
Dower	Single Channel Power	3.75W			
Power	Stability	± 0.2% of FS + 0.1% RD			
Time	Current response	Current (10%~90% range) Response in 20ms			
Time	Step Duration	≤(365*24) hrs/Step Timing Format (hh:mm:ss)			
		Δt: (60s~60000s)			
Data	Recording Condition	Voltage ΔU: (20mV~5V)			
Acquisition		Current ΔI: (0.04mA~20mA)			
	Record Frequency	0.33Hz			
	Charge Mode	Constant Current (CC) Charge, Constant Voltage (CV) Charge,			
Charge		CC-CV Charge			
	Cut-off	Voltage, Current, time, Capacity, -△V			
Discharge	Discharge Mode	Constant Current Discharge, Constant Power Discharge			
	Cut-off	Voltage, Current, time, Capacity, -△V			
	Cycle numbers	1~65535			
Cycle	Steps in each cycle loop	63			
	Cycle loops in a cycle	Support 3 inner cycles			
D:		Data saved automatically at power failure			
Protection	Safety Characteristic	• Top Voltage Cut, Bottom Voltage Cut, Top Current Cut, Bottom Current Cut, Time Cut			
Channel Ch	aracteristic	Independent Voltage/Current Control and Supply			
Connection		4-Electrode, 2-Electrode			
Noise		<85dB			
Communica	ition port	RS422			
Data export		EXCEL, TXT			
Channel Nu	mbers	8			
Working E	nvironment				
Item		Value			
Working Te	mperature	0 ~ 40°C			
Storage Ter	nperature	-10 ~ 50°C			
Humidity		≤70% RH			
Storage Hur	midity	≤80% RH			



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CT2001A-5V50mA Battery Test System

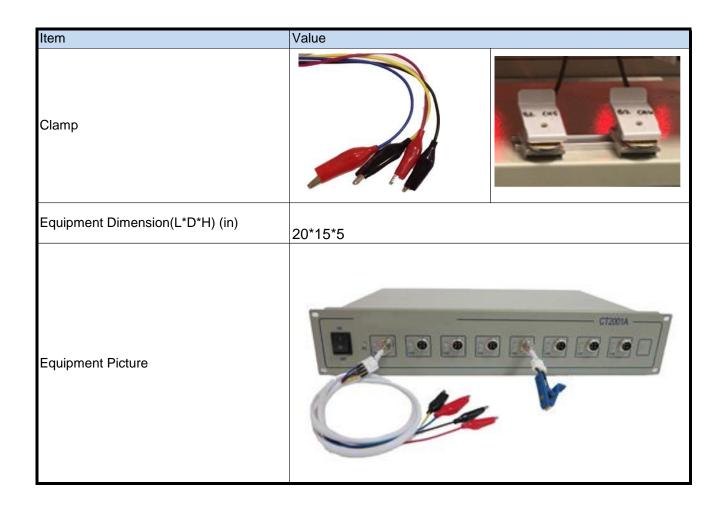
Model	CT2001A- 5 V 50 mA				
Item		Value			
Input Power	•	AC 110V ±10% / 60Hz or AC 220V ±10% / 50Hz			
Working Po	wer	30 W			
Resolution		AD: 16bit; DA: 16bit			
Input Imped	lance	≥1MΩ			
	Test Range	Charge : 10mV~5V Discharge : 10mV~5V			
Voltage	Lowest Discharge Voltage	10mV			
voltage	Accuracy	± 0.1% of FS +0.1% RD			
	Stability	± 0.1% of FS +0.1% RD			
	Test Range	Charge: 0.25mA~50mA Discharge: 0.25mA~50mA			
Current	Accuracy	± 0.1% of FS + 0.1% RD			
	Stability	± 0.1% of FS + 0.1% RD			
Power	Single Channel Power	3.75W			
rowei	Stability	± 0.2% of FS + 0.1% RD			
Time	Current response	Current (10%~90% range) Response in 20ms			
Tillic	Step Duration	≤(365*24) hrs/Step Timing Format (hh:mm:ss)			
		Δt: (60s~60000s)			
Data	Recording Condition	Voltage ΔU: (20mV~5V)			
Acquisition		Current ΔI: (0.1mA~50mA)			
	Record Frequency	0.33Hz			
Charge	Charge Mode	Constant Current (CC) Charge, Constant Voltage (CV) Charge, CC-CV Charge			
	Cut-off	Voltage, Current, time, Capacity, -△V			
Diochargo	Discharge Mode	Constant Current Discharge, Constant Power Discharge			
Discharge	Cut-off	Voltage, Current, time, Capacity, -△V			
	Cycle numbers	1~65535			
Cycle	Steps in each cycle loop	63			
	Cycle loops in a cycle	Support 3 inner cycles			
		Data saved automatically at power failure			
Protection	Safety Characteristic	Top Voltage Cut, Bottom Voltage Cut, Top Current Cut, Bottom Current Cut, Time Cut			
Channel Ch	aracteristic	Independent Voltage/Current Control and Supply			
Connection		4-Electrode, 2-Electrode			
Noise		<85dB			
Communica	ation port	RS422			
Data export		EXCEL, TXT			
Channel Numbers		8			
Working E	nvironment				
Item		Value			
Working Te	mperature	0 ~ 40°C			
Storage Ter	mperature	-10 ~ 50°C			
Humidity		≤70% RH			
Storage Hui	midity	≤80% RH			



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CT2001A-5V80mA Battery Test System

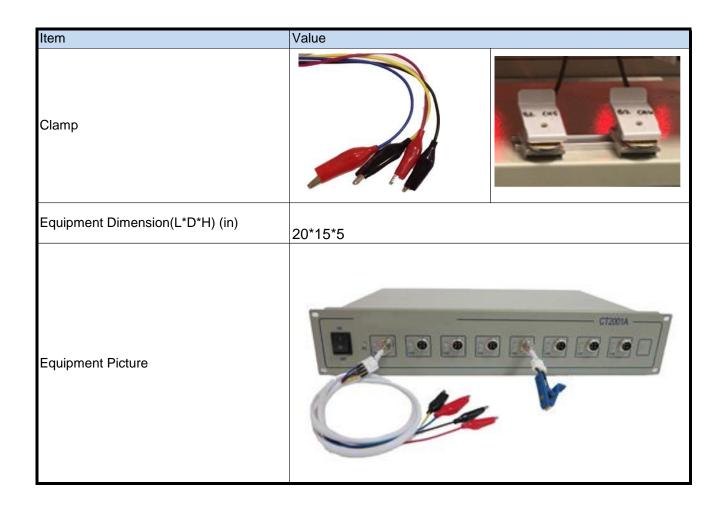
Model	CT2001A- 5 V 80 mA	Battery Test System			
Item		Value			
Input Power		AC 110V ±10% / 60Hz or AC 220V ±10% / 50Hz			
Working Po		30 W			
Resolution		AD : 16bit ; DA : 16bit			
Input Imped	lance	≥1MΩ			
	Test Range	Charge : 10mV~5V			
	Lowest Discharge Voltage	10mV			
Voltage	Accuracy	± 0.1% of FS +0.1% RD			
	Stability	± 0.1% of FS +0.1% RD			
	Test Range	Charge: 0.4mA~80mA Discharge: 0.4mA~80mA			
Current	Accuracy	± 0.1% of FS + 0.1% RD			
	Stability	± 0.1% of FS + 0.1% RD			
	Single Channel Power	3.75W			
Power	Stability	± 0.2% of FS + 0.1% RD			
-	Current response	Current (10%~90% range) Response in 20ms			
Time	Step Duration	≤(365*24) hrs/Step Timing Format (hh:mm:ss)			
	-	Δt: (60s~60000s)			
Data	Recording Condition	Voltage ΔU: (20mV~5V)			
Acquisition	_	Current ΔI: (0.16mA~80mA)			
	Record Frequency	0.33Hz			
Charge	Charge Mode	Constant Current (CC) Charge, Constant Voltage (CV) Charge, CC-CV Charge			
Orlarge	Cut-off	Voltage, Current, time, Capacity, -△V			
	Discharge Mode	Constant Current Discharge, Constant Power Discharge			
Discharge	Cut-off	Voltage, Current, time, Capacity, -△V			
	Cycle numbers	1~65535			
Cycle	Steps in each cycle loop	63			
	Cycle loops in a cycle	Support 3 inner cycles			
		Data saved automatically at power failure			
Protection	Safety Characteristic	Top Voltage Cut, Bottom Voltage Cut, Top Current Cut, Bottom			
		Current Cut, Time Cut			
Channel Ch	aracteristic	Independent Voltage/Current Control and Supply			
Connection		4-Electrode, 2-Electrode			
Noise		<85dB			
Communica	ation port	RS422			
Data export		EXCEL, TXT			
Channel Nu	ımbers	8			
Working E	nvironment				
Item		Value			
Working Te	mperature	0 ~ 40°C			
Storage Ter	mperature	-10 ~ 50°C			
Humidity		≤70% RH			
Storage Hui	midity	≤80% RH			



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CT2001A-5V100mA Battery Test System

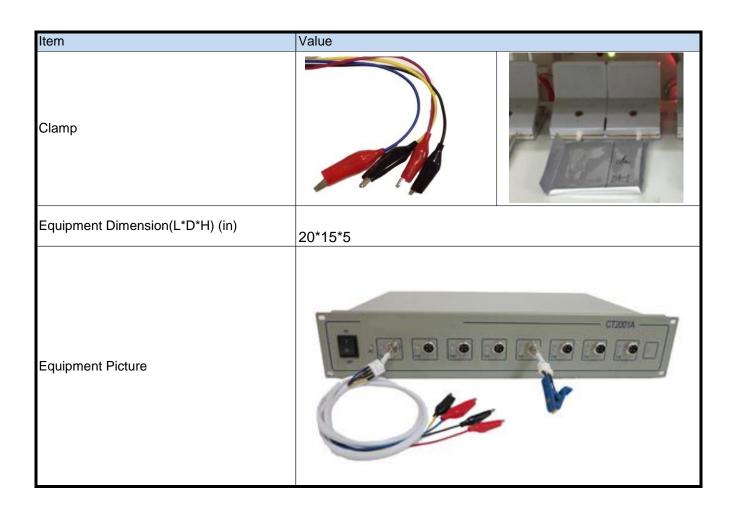
Model	CT2001A- 5 V 100 mA					
Item		Value				
Input Power	•	AC 110V ±10% / 60Hz or AC 220V ±10% / 50Hz				
Working Po	wer	56 W				
Resolution		AD: 16bit; DA: 16bit				
Input Imped	ance	≥1MΩ				
	Test Range	Charge : 10mV~5V Discharge : 10mV~5V				
Voltage	Lowest Discharge Voltage	10mV				
vollage	Accuracy	± 0.1% of FS +0.1% RD				
	Stability	± 0.1% of FS +0.1% RD				
	Test Range	Charge: 0.5mA~100mA Discharge: 0.5mA~100mA				
Current	Accuracy	± 0.1% of FS + 0.1% RD				
	Stability	± 0.1% of FS + 0.1% RD				
Power	Single Channel Power	7W				
rowei	Stability	± 0.2% of FS + 0.1% RD				
Timo	Current response	Current (10%~90% range) Response in 20ms				
Time	Step Duration	≤(365*24) hrs/Step Timing Format (hh:mm:ss)				
		Δt: (60s~60000s)				
Data	Recording Condition	Voltage ΔU: (20mV~5V)				
Acquisition		Current ΔI: (0.2mA~100mA)				
	Record Frequency	0.33Hz				
Charge	Charge Mode	Constant Current (CC) Charge, Constant Voltage (CV) Charge, CC-CV Charge				
3.	Cut-off	Voltage, Current, time, Capacity, -△V				
Dia ahaasa	Discharge Mode	Constant Current Discharge, Constant Power Discharge				
Discharge	Cut-off	Voltage, Current, time, Capacity, -△V				
	Cycle numbers	1~65535				
Cycle	Steps in each cycle loop	63				
	Cycle loops in a cycle	Support 3 inner cycles				
		Data saved automatically at power failure				
Protection	Safety Characteristic	Top Voltage Cut, Bottom Voltage Cut, Top Current Cut, Bottom Current Cut, Time Cut				
Channel Ch	aracteristic	Independent Voltage/Current Control and Supply				
Connection		4-Electrode, 2-Electrode				
Noise		<85dB				
Communica	ation port	RS422				
Data export		EXCEL, TXT				
•		8				
Working E	nvironment					
Item		Value				
Working Te	mperature	0 ~ 40°C				
Storage Ter		-10 ~ 50°C				
Humidity		≤70% RH				
Storage Hui	midity	≤80% RH				
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CT2001A-5V200mA Battery Test System

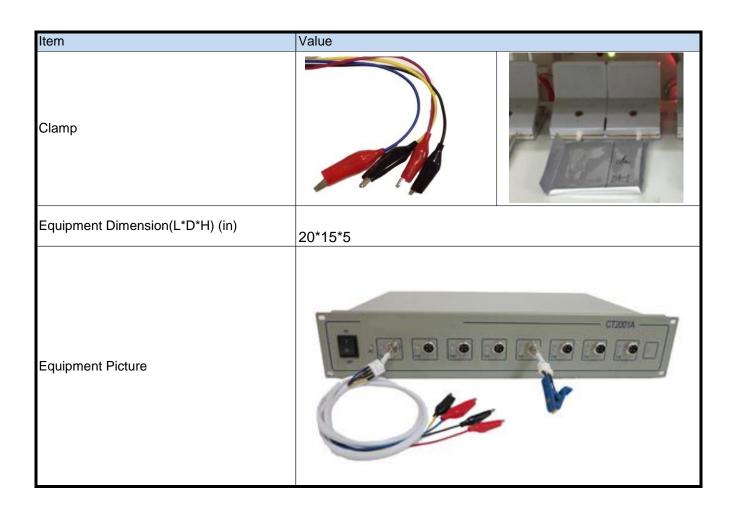
Model	CT2001A- 5 V 200 mA	Battery Test System			
Item		Value			
Input Power	•	AC 110V ±10% / 60Hz or AC 220V ±10% / 50Hz			
Working Po		112 W			
Resolution		AD: 16bit; DA: 16bit			
Input Imped	ance	≥1MΩ			
	Test Range	Charge: 10mV~5V Discharge: 10mV~5V			
Valtage	Lowest Discharge Voltage	10mV			
Voltage	Accuracy	± 0.1% of FS +0.1% RD			
	Stability	± 0.1% of FS +0.1% RD			
	Test Range	Charge: 1mA~200mA Discharge: 1mA~200mA			
Current	Accuracy	± 0.1% of FS + 0.1% RD			
	Stability	± 0.1% of FS + 0.1% RD			
Dawar	Single Channel Power	14W			
Power	Stability	± 0.1% of FS + 0.1% RD			
Time	Current response	Current (10%~90% range) Response in 20ms			
Time	Step Duration	≤(365*24) hrs/Step Timing Format (hh:mm:ss)			
		Δt: (60s~60000s)			
Data	Recording Condition	Voltage ΔU : (20mV~5V)			
Acquisition		Current ΔI: (0.4mA~200mA)			
	Record Frequency	0.33Hz			
Charge	Charge Mode	Constant Current (CC) Charge, Constant Voltage (CV) Charge, CC-CV Charge			
9	Cut-off	Voltage, Current, time, Capacity, -△V			
D'andrasa	Discharge Mode	Constant Current Discharge, Constant Power Discharge			
Discharge	Cut-off	Voltage, Current, time, Capacity, -△V			
	Cycle numbers	1~65535			
Cycle	Steps in each cycle loop	63			
	Cycle loops in a cycle	Support 3 inner cycles			
		Data saved automatically at power failure			
Protection	Safety Characteristic	Top Voltage Cut, Bottom Voltage Cut, Top Current Cut, Bottom			
		Current Cut, Time Cut			
Channel Ch	aracteristic	Independent Voltage/Current Control and Supply			
Connection		4-Electrode, 2-Electrode			
Noise		<85dB			
Communica		RS422			
Data export		EXCEL, TXT			
Channel Nu		8			
	nvironment				
Item		Value			
Working Te		0 ~ 40°C			
Storage Ter	mperature	-10 ~ 50°C			
Humidity		≤70% RH			
Storage Hu	midity	≤80% RH			



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CT2001A-5V500mA Battery Test System

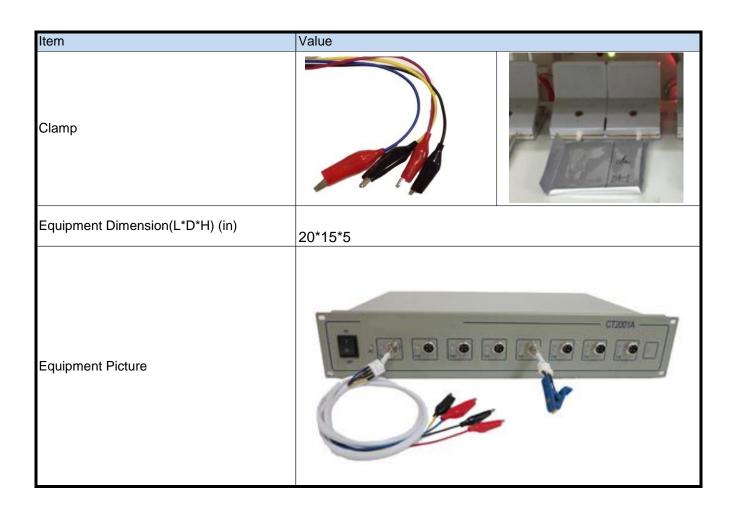
CT2001A- 5 V 500 mA	Battery Test System				
	Value				
	AC 110V ±10% / 60Hz or AC 220V ±10% / 50Hz				
ver	280 W				
	AD: 16bit; DA: 16bit				
ance	≥1MΩ				
Test Range	Charge : 10mV~5V Discharge : 10mV~5V				
	10mV				
<u> </u>	± 0.1% of FS +0.1% RD				
•	± 0.1% of FS +0.1% RD				
	Charge: 2.5mA~500mA Discharge: 2.5mA~500mA				
<u> </u>	± 0.1% of FS + 0.1% RD				
Stability	± 0.1% of FS + 0.1% RD				
Single Channel Power	35W				
Stability	± 0.1% of FS + 0.1% RD				
Current response	Current (10%~90% range) Response in 20ms				
Step Duration	≤(365*24) hrs/Step Timing Format (hh:mm:ss)				
	Δt: (60s~60000s)				
Recording Condition	Voltage ΔU: (20mV~5V)				
	Current ΔI: (1mA~500mA)				
Record Frequency	0.33Hz				
Charge Mode	Constant Current (CC) Charge, Constant Voltage (CV) Charge, CC-CV Charge				
Cut-off	Voltage, Current, time, Capacity, -△V				
Discharge Mode	Constant Current Discharge, Constant Power Discharge				
Cut-off Voltage, Current, time, Capacity, -△V					
Cycle numbers	1~65535				
Steps in each cycle loop	63				
Cycle loops in a cycle	Support 3 inner cycles				
	Data saved automatically at power failure				
Safety Characteristic	Top Voltage Cut, Bottom Voltage Cut, Top Current Cut, Bottom Current Cut, Time Cut				
aracteristic	Independent Voltage/Current Control and Supply				
	4-Electrode, 2-Electrode				
	<85dB				
ion port	RS422				
	EXCEL, TXT				
mbers	8				
nvironment					
	Value				
nperature	0 ~ 40°C				
nperature	-10 ~ 50°C				
	≤70% RH				
nidity	≤80% RH				
	ver Ance Test Range Lowest Discharge Voltage Accuracy Stability Test Range Accuracy Stability Single Channel Power Stability Current response Step Duration Recording Condition Record Frequency Charge Mode Cut-off Discharge Mode Cut-off Cycle numbers Steps in each cycle loop Cycle loops in a cycle Safety Characteristic aracteristic ion port inbers avironment inperature inperature				



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CT2001A-10V1.5A Battery Test System

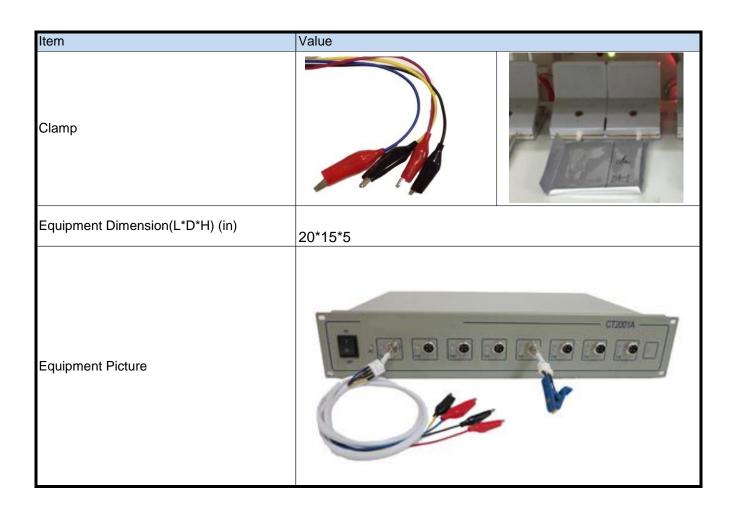
Model	CT2001A-	10 V 1	1500 mA	System							
Item				Value							
Input Power			AC 110V ±10% / 6	0Hz	or AC 2	20V	±10% /	50)Hz		
Working Power			1440 W								
Resolution				AD: 16bit; DA: 1	6bit						
Input Imped	lance			≥1MΩ							
	Test Range			Charge : 20mV~10)V		Dis	charge :	: 2	0mV~10V	
Voltage	Lowest Disch	narge Vo	oltage	20mV							
vollage	Accuracy			± 0.1% of FS +0.1	% R	D					
	Stability			± 0.1% of FS +0.1	% R	D					
	Test Range			Charge: 7.5mA~1	500r	nA	Dis	scharge	: 7	7.5mA~150	00mA
Current	Accuracy			± 0.1% of FS + 0.1	% R	D					
	Stability			± 0.1% of FS + 0.1	% R	D					
Power	Single Chann	nel Powe	er	180W							
rowei	Stability			± 0.1% of FS + 0.1	% R	D					
Time	Current respo	onse		Current (10%~909	% rar	nge) Re	espo	nse in 2	:0n	ns	
Tille	Step Duration	n		≤(365*24) hrs/Step			Tim	ning For	ma	at (hh:mm:s	ss)
				Δt: (60s~60000s)							
Data	Recording Co	ondition		Voltage ΔU: (20	nV~	10V)					
Acquisition				Current ΔI: (3mA~1500mA)							
	Record Frequency			0.33Hz							
Charge	Charge Mode	Э		Constant Current (CV Charge	CC)	Charge,	Cor	nstant V	olta	age (CV) C	harge, CC-
Onlarge	Cut-off			Voltage, Current, ti	me.	Capacity	/. - ^	V			
	Discharge Mo	ode		Constant Current I					er	Discharge	
Discharge	Cut-off Voltage, Current, time, Capacity, -△V										
_	Cycle numbe	ers		1~65535			, ,				
Cycle	Steps in each		oop	63							
ľ	Cycle loops in	•		Support 3 inner cyc	eles						
	, ,			Data saved auto		ically at	pow	er failure			
Protection	Safety Chara	cteristic					-			Current C	ut, Bottom
				 Top Voltage Cut, Bottom Voltage Cut, Top Current Cut, Botto Current Cut, Time Cut 				•			
Channel Ch	aracteristic			Independent Voltag	ge/C	urrent C	ontr	ol and S	Sup	ply	
Connection				4-Electrode, 2-Elec	trod	е					
Noise				<85dB							
Communica	tion port			RS422							
Data export			EXCEL, TXT								
Channel Nu	Channel Numbers		8								
Working E	nvironment										
Item				Value							
Working Te	mperature			0 ~ 40°C							
Storage Ter	mperature			-10 ~ 50°C							
Humidity	Humidity			≤70% RH							
Storage Hui	midity			≤80% RH							



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CT2001A-5V1ABattery Test System

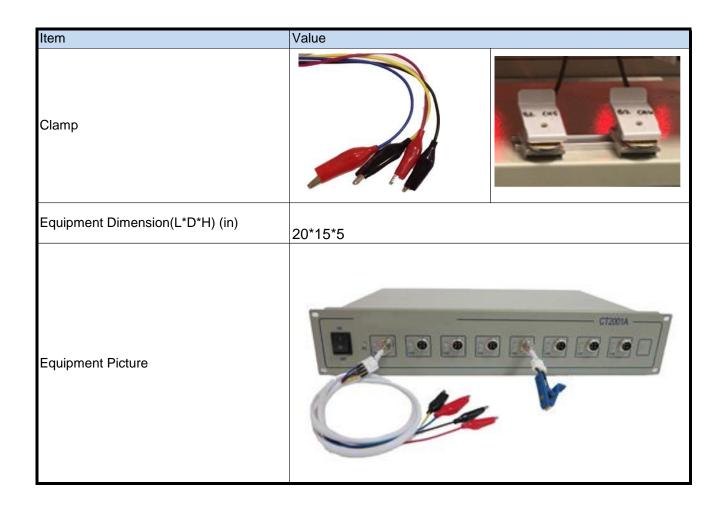
Model	CT2001A- 5 V 1000 mA	Battery Test System				
Item		Value				
Input Power		AC 110V ±10% / 60Hz or AC 220V ±10% / 50Hz				
Working Po	wer	560 W				
Resolution		AD: 16bit; DA: 16bit				
Input Imped		≥1ΜΩ				
	Test Range	Charge : 10mV~5V Discharge : 10mV~5V				
Voltage	Lowest Discharge Voltage	10mV				
	Accuracy	± 0.1% of FS +0.1% RD				
	Stability	± 0.1% of FS +0.1% RD				
	Test Range	Charge: 5mA~1000mA Discharge: 5mA~1000mA				
Current	Accuracy	± 0.1% of FS + 0.1% RD				
	Stability	± 0.1% of FS + 0.1% RD				
Power	Single Channel Power	70W				
	Stability	± 0.1% of FS + 0.1% RD				
Time	Current response	Current (10%~90% range) Response in 20ms				
	Step Duration	≤(365*24) hrs/Step Timing Format (hh:mm:ss)				
		Δt: (60s~60000s)				
Data	Recording Condition	Voltage ΔU: (20mV~5V)				
Acquisition		Current ΔI: (2mA~1000mA)				
	Record Frequency	0.33Hz				
Charge	Charge Mode	Constant Current (CC) Charge, Constant Voltage (CV) Charge, CC-CV Charge				
	Cut-off	Voltage, Current, time, Capacity, -△V				
Diagharas	Discharge Mode	Constant Current Discharge, Constant Power Discharge				
Discharge	Cut-off	Voltage, Current, time, Capacity, -△V				
	Cycle numbers	1~65535				
Cycle	Steps in each cycle loop	63				
	Cycle loops in a cycle	Support 3 inner cycles				
		Data saved automatically at power failure				
Protection	Safety Characteristic	Top Voltage Cut, Bottom Voltage Cut, Top Current Cut, Bottom Current Cut, Time Cut				
Channel Ch	aracteristic	Independent Voltage/Current Control and Supply				
Connection		4-Electrode, 2-Electrode				
Noise		<85dB				
Communica	ition port	RS422				
Data export		EXCEL, TXT				
Channel Nu		8				
Working E	nvironment					
Item		Value				
Working Te	mperature	0 ~ 40°C				
Storage Ter		-10 ~ 50°C				
Humidity		≤70% RH				
Storage Hur	midity	≤80% RH				
	•	I .				



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CT2001A-5V1mA Battery Test System

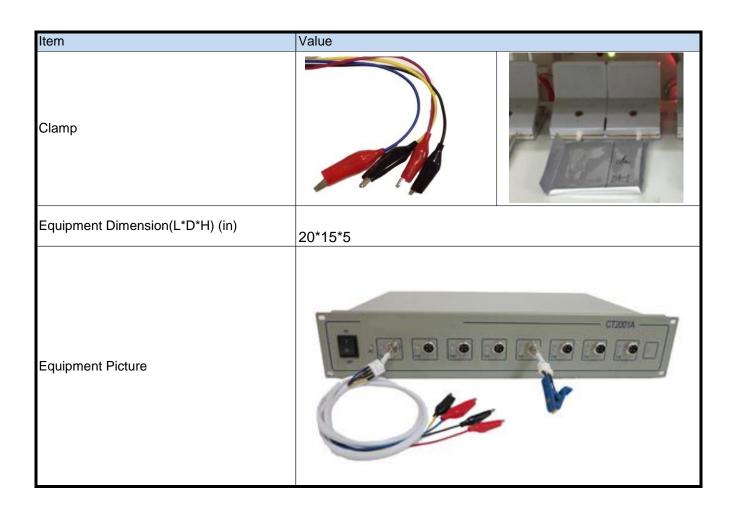
Madel	OT2004 A 5 1/4 A	Dettem Test Customs			
Model	CT2001A- 5 V 1 mA	Battery Test System			
Item		Value			
Input Power		AC 110V ±10% / 60Hz or AC 220V ±10% / 50Hz			
Working Po	wer	30 W			
Resolution		AD: 16bit; DA: 16bit			
Input Imped		≥1MΩ			
	Test Range	Charge : 10mV~5V Discharge : 10mV~5V			
Voltage	Lowest Discharge Voltage	10mV			
ronago	Accuracy	± 0.1% of FS +0.1% RD			
	Stability	± 0.1% of FS +0.1% RD			
	Test Range	Charge: 0.005mA~1mA Discharge: 0.005mA~1mA			
Current	Accuracy	± 0.1% of FS + 0.1% RD			
	Stability	± 0.1% of FS + 0.1% RD			
Power	Single Channel Power	3.75W			
I OWEI	Stability	± 0.2% of FS + 0.1% RD			
Timo	Current response	Current (10%~90% range) Response in 20ms			
Time	Step Duration	≤(365*24) hrs/Step Timing Format (hh:mm:ss)			
		Δt: (60s~60000s)			
Data	Recording Condition	Voltage ΔU: (20mV~5V)			
Acquisition		Current ΔI: (0.002mA~1mA)			
	Record Frequency	0.33Hz			
Charge	Charge Mode	Constant Current (CC) Charge, Constant Voltage (CV) Charge, CC-CV Charge			
J	Cut-off	Voltage, Current, time, Capacity, -△V			
D'	Discharge Mode	Constant Current Discharge, Constant Power Discharge			
Discharge	Cut-off	Voltage, Current, time, Capacity, -△V			
	Cycle numbers	1~65535			
Cycle	Steps in each cycle loop	63			
	Cycle loops in a cycle	Support 3 inner cycles			
		Data saved automatically at power failure			
Protection	Safety Characteristic	Top Voltage Cut, Bottom Voltage Cut, Top Current Cut, Bottom			
		Current Cut, Time Cut			
Channel Ch	aracteristic	Independent Voltage/Current Control and Supply			
Connection		4-Electrode, 2-Electrode			
Noise		<85dB			
Communica	ation port	RS422			
Data export		EXCEL, TXT			
Channel Nu	ımbers	8			
Working E	nvironment				
Item		Value			
Working Te	mperature	0 ~ 40°C			
Storage Ter	mperature	-10 ~ 50°C			
Humidity		≤70% RH			
Storage Hui	midity	≤80% RH			



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CT2001A-5V2ABattery Test System

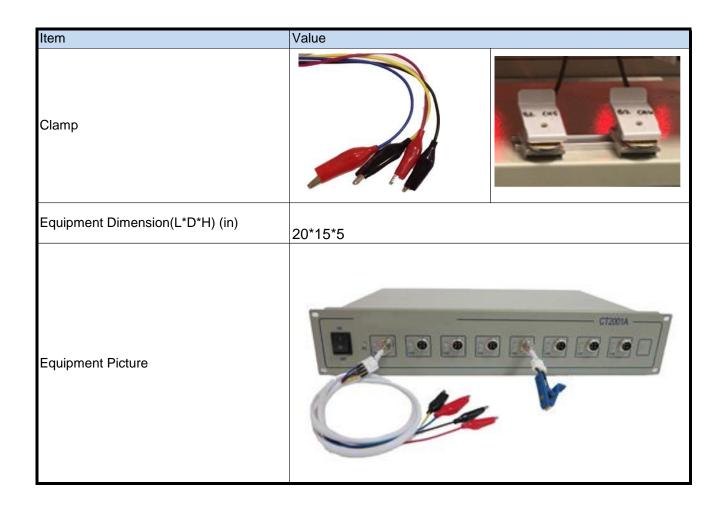
	0700044 7 1/2000	D # T +0 +			
	CT2001A- 5 V 2000 mA	Battery Test System			
Item		Value			
Input Power		AC 110V ±10% / 60Hz or AC 220V ±10% / 50Hz			
Working Pov	wer	1120 W			
Resolution		AD: 16bit; DA: 16bit			
Input Imped	ance	≥1MΩ			
	Test Range	Charge : 10mV~5V Discharge : 10mV~5V			
Voltage	Lowest Discharge Voltage	10mV			
	Accuracy	± 0.1% of FS +0.1% RD			
	Stability	± 0.1% of FS +0.1% RD			
	Test Range	Charge: 10mA~2000mA Discharge: 10mA~2000mA			
Current	Accuracy	± 0.1% of FS + 0.1% RD			
	Stability	± 0.1% of FS + 0.1% RD			
Power	Single Channel Power	140W			
1 OWC1	Stability	± 0.1% of FS + 0.1% RD			
Time	Current response	Current (10%~90% range) Response in 20ms			
Tillio	Step Duration	≤(365*24) hrs/Step Timing Format (hh:mm:ss)			
		Δt: (60s~60000s)			
	Recording Condition	Voltage ΔU: (20mV~5V)			
Acquisition		Current ΔI: (4mA~2000mA)			
	Record Frequency	0.33Hz			
Charge	Charge Mode	Constant Current (CC) Charge, Constant Voltage (CV) Charge, CC-CV Charge			
	Cut-off	Voltage, Current, time, Capacity, -△V			
	Discharge Mode	Constant Current Discharge, Constant Power Discharge			
II)ischarde 🕒	Cut-off	Voltage, Current, time, Capacity, -△V			
	Cycle numbers	1~65535			
<u> </u>	Steps in each cycle loop	63			
	Cycle loops in a cycle	Support 3 inner cycles			
		Data saved automatically at power failure			
Protection	Safety Characteristic	Top Voltage Cut, Bottom Voltage Cut, Top Current Cut, Bottom			
	•	Current Cut, Time Cut			
Channel Cha	aracteristic	Independent Voltage/Current Control and Supply			
Connection		4-Electrode, 2-Electrode			
Noise		<85dB			
Communica	tion port	RS422			
Data export		EXCEL, TXT			
Channel Nui	mbers	8			
Working Er	nvironment				
Item		Value			
Working Ter	mperature	0 ~ 40°C			
Storage Ten	nperature	-10 ~ 50°C			
Humidity		≤70% RH			
Storage Hur	nidity	≤80% RH			



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CT2001A-5V2mA Battery Test System

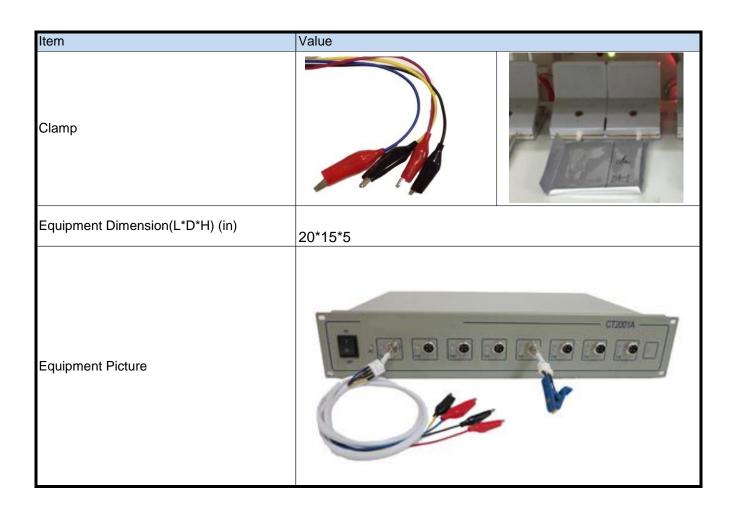
	OTOGOTA TOTAL	C12001A-3V2IIIA Battery Test System
Model	CT2001A- 5 V 2 mA	Battery Test System
Item		Value
Input Power		AC 110V ±10% / 60Hz or AC 220V ±10% / 50Hz
Working Power		30 W
Resolution		AD: 16bit; DA: 16bit
Input Impedance		≥1MΩ
Voltage	Test Range	Charge : 10mV~5V Discharge : 10mV~5V
	Lowest Discharge Voltage	10mV
	Accuracy	± 0.1% of FS +0.1% RD
	Stability	± 0.1% of FS +0.1% RD
Current	Test Range	Charge: 0.01mA~2mA Discharge: 0.01mA~2mA
	Accuracy	± 0.1% of FS + 0.1% RD
	Stability	± 0.1% of FS + 0.1% RD
Power	Single Channel Power	3.75W
rowei	Stability	± 0.2% of FS + 0.1% RD
Time	Current response	Current (10%~90% range) Response in 20ms
Time	Step Duration	≤(365*24) hrs/Step Timing Format (hh:mm:ss)
	Recording Condition	Δt: (60s~60000s)
Data		Voltage ΔU: (20mV~5V)
Acquisition		Current ΔI: (0.004mA~2mA)
	Record Frequency	0.33Hz
Charge	Charge Mode	Constant Current (CC) Charge, Constant Voltage (CV) Charge, CC-CV Charge
	Cut-off	Voltage, Current, time, Capacity, -△V
Discharge	Discharge Mode	Constant Current Discharge, Constant Power Discharge
Discharge	Cut-off	Voltage, Current, time, Capacity, -△V
	Cycle numbers	1~65535
Cycle	Steps in each cycle loop	63
	Cycle loops in a cycle	Support 3 inner cycles
	Safety Characteristic	Data saved automatically at power failure
Protection		Top Voltage Cut, Bottom Voltage Cut, Top Current Cut, Bottom
		Current Cut, Time Cut
Channel Characteristic		Independent Voltage/Current Control and Supply
Connection		4-Electrode, 2-Electrode
Noise		<85dB
Communication port		RS422
Data export		EXCEL, TXT
Channel Numbers		8
Working Environment		
Item		Value
Working Temperature		0 ~ 40°C
Storage Temperature		-10 ~ 50°C
Humidity		≤70% RH
Storage Humidity		≤80% RH



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CT2001A-5V5ABattery Test System

Model	CT2001A- 5 V 5000 mA	Battery Test System
Item		Value
Input Power		AC 110V ±10% / 60Hz or AC 220V ±10% / 50Hz
Working Power		2800 W
Resolution		AD: 16bit; DA: 16bit
Input Impedance		≥1MΩ
Voltage	Test Range	Charge : 10mV~5V Discharge : 10mV~5V
	Lowest Discharge Voltage	10mV
	Accuracy	± 0.1% of FS +0.1% RD
	Stability	± 0.1% of FS +0.1% RD
Current	Test Range	Charge: 25mA~5000mA Discharge: 25mA~5000mA
	Accuracy	± 0.1% of FS + 0.1% RD
	Stability	± 0.1% of FS + 0.1% RD
Power	Single Channel Power	350W
	Stability	± 0.1% of FS + 0.1% RD
Time	Current response	Current (10%~90% range) Response in 20ms
Tille	Step Duration	≤(365*24) hrs/Step Timing Format (hh:mm:ss)
		Δt: (60s~60000s)
Data	Recording Condition	Voltage ΔU : (20mV~5V)
Acquisition		Current ΔI: (10mA~5000mA)
	Record Frequency	0.33Hz
Charge	Charge Mode	Constant Current (CC) Charge, Constant Voltage (CV) Charge, CC-CV Charge
Charge	Cut-off	Voltage, Current, time, Capacity, -△V
	Discharge Mode	Constant Current Discharge, Constant Power Discharge
Discharge	Cut-off	Voltage, Current, time, Capacity, -△V
	Cycle numbers	1~65535
Cycle	Steps in each cycle loop	63
,	Cycle loops in a cycle	Support 3 inner cycles
		Data saved automatically at power failure
Protection	Safety Characteristic	Top Voltage Cut, Bottom Voltage Cut, Top Current Cut, Bottom
01 1 01		Current Cut, Time Cut
Channel Characteristic		Independent Voltage/Current Control and Supply
Connection		4-Electrode, 2-Electrode
Noise		<85dB
Communication port		RS422
Data export		EXCEL, TXT
Channel Numbers		8
Working Environment		
Item		Value
Working Temperature		0 ~ 40°C
Storage Temperature		-10 ~ 50°C
Humidity		≤70% RH
Storage Humidity		≤80% RH



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