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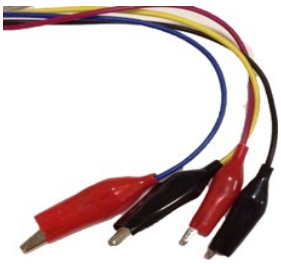
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LANDT INSTRUMENTS **CT2001A-5V5mA BTS System**

Model	CT2001A-	5	V	5	mA	BTS System	Code：	CT-4008	-5V5mA	A1
Parameter						Value				
Input Power						AC 110V ±10% / 60Hz or AC 220V ±10% / 50Hz				
Working Power						50	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~5mA		Discharge：0.01mA~5mA		
	Accuracy					± 0.1% of FS + 0.1% RD				
	Stability					± 0.1% of FS + 0.1% RD				
Power	Single Channel Power					6.25W				
	Stability					± 0.2% of FS + 0.1% RD				
Time	Current response					Current（10%~90%）Response is in 20ms				
	Step Duration					≤(365*24) hrs/Step		Timing Format (hh:mm:ss)		
Data Acquisition	Recording Condition					Δt:（60s~60000s）				
						VoltageΔU：（20mV~5V）				
						Current ΔI：（0.01mA~5mA)				
	Record Frequency					1Hz				
Charge	Charge Mode					Constant Current Charge, Constant Voltage Charge, CC-CV Charge				
	Cut-off					Voltage, Current, time, Capacity, -ΔV				
Discharge	Discharge Mode					Constant Current Discharge, Constant Power Discharge				
	Cut-off					Voltage, Current, time, Capacity, -ΔV				
Cycle	Cycle numbers					1~65535				
	Steps in each cycle loop					63				
	Cycle loops in a cycle					Support 3 inner cycles				
Protection	Safety Characteristic					● Data Saved at Power Failure				
						● Top Voltage Limit, Lower Voltage Limit, Top Current Limit, Lower Current Limit, Time				
Channel Characteristic						Independent Voltage and Current Control				
Connection						4-Electrode				
Noise						<85dB				
Communication port						RS232				
Data export						EXCEL, TXT				
Channel Numbers						8				
Working Environment										
Parameter						Value				
Working Temperature						0℃~40℃				
Storage Temperature						-10℃~50℃				
Humidity						≤70% RH				
Storage Humidity						≤80% RH				

Characteristic	Value
Clamp Picture	 
Equipment Dimension*D*H）(in)	20*15*5
Equipment Picture	

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LANDT INSTRUMENTS **CT2001A-5V10mA Battery Test System**

Model	CT2001A-	5	V	10	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：0.05mA~10mA	Discharge：0.05mA~10mA
	Accuracy	± 0.1% of FS + 0.1% RD	
	Stability	± 0.1% of FS + 0.1% RD	
Power	Single Channel Power	3.75W	
	Stability	± 0.2% 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)
Data Acquisition	Recording Condition	Δt:（60s~60000s）	
		Voltage ΔU：（20mV~5V）	
		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	
Discharge	Discharge Mode	Constant Current Discharge, Constant Power Discharge	
	Cut-off	Voltage, Current, time, Capacity, -△V	
Cycle	Cycle numbers	1~65535	
	Steps in each cycle loop	63	
	Cycle loops in a cycle	Support 3 inner cycles	
Protection	Safety Characteristic	• Data saved automatically at power failure	
		• 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 ~ 40ºC
Storage Temperature	-10 ~ 50ºC
Humidity	≤70% RH
Storage Humidity	≤80% RH

Item	Value
Clamp	 
Equipment Dimension(L*D*H) (in)	20*15*5
Equipment Picture	

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LANDT INSTRUMENTS **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 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：0.1mA~20mA	Discharge：0.1mA~20mA
	Accuracy	± 0.1% of FS + 0.1% RD	
	Stability	± 0.1% of FS + 0.1% RD	
Power	Single Channel Power	3.75W	
	Stability	± 0.2% 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)
Data Acquisition	Recording Condition	Δt:（60s~60000s）	
		Voltage ΔU：（20mV~5V）	
		Current ΔI：（0.04mA~20mA)	
	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	
	Cut-off	Voltage, Current, time, Capacity, -△V	
Cycle	Cycle numbers	1~65535	
	Steps in each cycle loop	63	
	Cycle loops in a cycle	Support 3 inner cycles	
Protection	Safety Characteristic	• Data saved automatically at power failure	
		• 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 ~ 40ºC
Storage Temperature	-10 ~ 50ºC
Humidity	≤70% RH
Storage Humidity	≤80% RH

Item	Value
Clamp	 
Equipment Dimension(L*D*H) (in)	20*15*5
Equipment Picture	

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LANDT INSTRUMENTS **CT2001A-5V50mA Battery Test System**

Model	CT2001A-	5	V	50	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：0.25mA~50mA	Discharge：0.25mA~50mA
	Accuracy	± 0.1% of FS + 0.1% RD	
	Stability	± 0.1% of FS + 0.1% RD	
Power	Single Channel Power	3.75W	
	Stability	± 0.2% 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)
Data Acquisition	Recording Condition	Δt:（60s~60000s）	
		Voltage ΔU：（20mV~5V）	
		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	
Discharge	Discharge Mode	Constant Current Discharge, Constant Power Discharge	
	Cut-off	Voltage, Current, time, Capacity, -△V	
Cycle	Cycle numbers	1~65535	
	Steps in each cycle loop	63	
	Cycle loops in a cycle	Support 3 inner cycles	
Protection	Safety Characteristic	• Data saved automatically at power failure	
		• 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 ~ 40ºC
Storage Temperature	-10 ~ 50ºC
Humidity	≤70% RH
Storage Humidity	≤80% RH

Item	Value
Clamp	 
Equipment Dimension(L*D*H) (in)	20*15*5
Equipment Picture	

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LANDT INSTRUMENTS **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 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：0.4mA~80mA	Discharge：0.4mA~80mA
	Accuracy	± 0.1% of FS + 0.1% RD	
	Stability	± 0.1% of FS + 0.1% RD	
Power	Single Channel Power	3.75W	
	Stability	± 0.2% 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)
Data Acquisition	Recording Condition	Δt:（60s~60000s）	
		Voltage ΔU：（20mV~5V）	
		Current ΔI：（0.16mA~80mA)	
	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	
	Cut-off	Voltage, Current, time, Capacity, -△V	
Cycle	Cycle numbers	1~65535	
	Steps in each cycle loop	63	
	Cycle loops in a cycle	Support 3 inner cycles	
Protection	Safety Characteristic	• Data saved automatically at power failure	
		• 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 ~ 40ºC
Storage Temperature	-10 ~ 50ºC
Humidity	≤70% RH
Storage Humidity	≤80% RH

Item	Value
Clamp	 
Equipment Dimension(L*D*H) (in)	20*15*5
Equipment Picture	

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LANDT INSTRUMENTS **CT2001A-5V100mA Battery Test System**

Model	CT2001A-	5	V	100	mA	Battery Test System				

Item		Value	
Input Power		AC 110V ±10% / 60Hz or AC 220V ±10% / 50Hz	
Working Power		56 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：0.5mA~100mA	Discharge：0.5mA~100mA
	Accuracy	± 0.1% of FS + 0.1% RD	
	Stability	± 0.1% of FS + 0.1% RD	
Power	Single Channel Power	7W	
	Stability	± 0.2% 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)
Data Acquisition	Recording Condition	Δt:（60s~60000s）	
		Voltage ΔU：（20mV~5V）	
		Current ΔI：（0.2mA~100mA)	
	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	
	Cut-off	Voltage, Current, time, Capacity, -△V	
Cycle	Cycle numbers	1~65535	
	Steps in each cycle loop	63	
	Cycle loops in a cycle	Support 3 inner cycles	
Protection	Safety Characteristic	• Data saved automatically at power failure	
		• 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 ~ 40ºC
Storage Temperature	-10 ~ 50ºC
Humidity	≤70% RH
Storage Humidity	≤80% RH

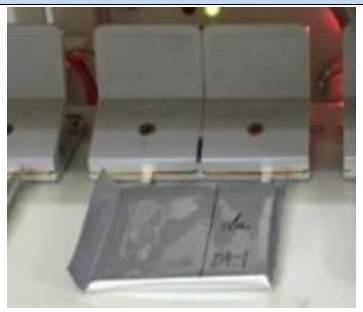
Item	Value
Clamp	 
Equipment Dimension(L*D*H) (in)	20*15*5
Equipment Picture	

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LANDT INSTRUMENTS **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 Power						112	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：1mA~200mA	Discharge：1mA~200mA			
	Accuracy					± 0.1% of FS + 0.1% RD				
	Stability					± 0.1% of FS + 0.1% RD				
Power	Single Channel Power					14W				
	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)			
Data Acquisition	Recording Condition					Δt:（60s~60000s）				
						Voltage ΔU：（20mV~5V）				
						Current ΔI：（0.4mA~200mA)				
	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				
	Cut-off					Voltage, Current, time, Capacity, -△V				
Cycle	Cycle numbers					1~65535				
	Steps in each cycle loop					63				
	Cycle loops in a cycle					Support 3 inner cycles				
Protection	Safety Characteristic					• Data saved automatically at power failure				
						• 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 ~ 40ºC				
Storage Temperature						-10 ~ 50ºC				
Humidity						≤70% RH				
Storage Humidity						≤80% RH				

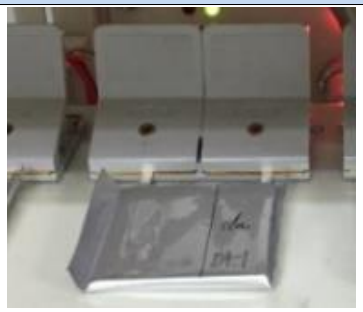
Item	Value
Clamp	 
Equipment Dimension(L*D*H) (in)	20*15*5
Equipment Picture	

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LANDT INSTRUMENTS **CT2001A-5V500mA Battery Test System**

Model	CT2001A-	5	V	500	mA	Battery Test System				
Item						Value				
Input Power						AC 110V ±10% / 60Hz or AC 220V ±10% / 50Hz				
Working Power						280	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：2.5mA~500mA		Discharge：2.5mA~500mA		
	Accuracy					± 0.1% of FS + 0.1% RD				
	Stability					± 0.1% of FS + 0.1% RD				
Power	Single Channel Power					35W				
	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)		
Data Acquisition	Recording Condition					Δt:（60s~60000s）				
						Voltage ΔU：（20mV~5V）				
						Current ΔI：（1mA~500mA)				
	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				
	Cut-off					Voltage, Current, time, Capacity, -△V				
Cycle	Cycle numbers					1~65535				
	Steps in each cycle loop					63				
	Cycle loops in a cycle					Support 3 inner cycles				
Protection	Safety Characteristic					• Data saved automatically at power failure				
						• 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 ~ 40ºC				
Storage Temperature						-10 ~ 50ºC				
Humidity						≤70% RH				
Storage Humidity						≤80% RH				

Item	Value
Clamp	 
Equipment Dimension(L*D*H) (in)	20*15*5
Equipment Picture	

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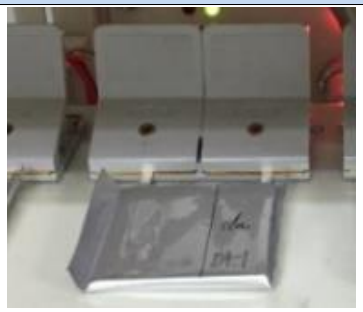
LANDT INSTRUMENTS **CT2001A-10V1.5A Battery Test System**

Model	CT2001A-	10	V	1500	mA	System				

Item		Value	
Input Power		AC 110V ±10% / 60Hz or AC 220V ±10% / 50Hz	
Working Power		1440 W	
Resolution		AD：16bit；DA：16bit	
Input Impedance		≥1MΩ	
Voltage	Test Range	Charge：20mV~10V	Discharge：20mV~10V
	Lowest Discharge Voltage	20mV	
	Accuracy	± 0.1% of FS +0.1% RD	
	Stability	± 0.1% of FS +0.1% RD	
Current	Test Range	Charge：7.5mA~1500mA	Discharge：7.5mA~1500mA
	Accuracy	± 0.1% of FS + 0.1% RD	
	Stability	± 0.1% of FS + 0.1% RD	
Power	Single Channel Power	180W	
	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)
Data Acquisition	Recording Condition	Δt:（60s~60000s）	
		Voltage ΔU：（20mV~10V）	
		Current ΔI：（3mA~1500mA)	
	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	
	Cut-off	Voltage, Current, time, Capacity, -△V	
Cycle	Cycle numbers	1~65535	
	Steps in each cycle loop	63	
	Cycle loops in a cycle	Support 3 inner cycles	
Protection	Safety Characteristic	• Data saved automatically at power failure	
		• 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 ~ 40ºC
Storage Temperature	-10 ~ 50ºC
Humidity	≤70% RH
Storage Humidity	≤80% RH

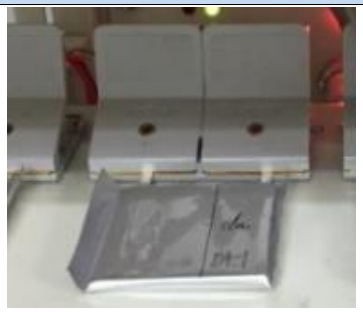
Item	Value
Clamp	 
Equipment Dimension(L*D*H) (in)	20*15*5
Equipment Picture	

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LANDT INSTRUMENTS **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 Power						560	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：5mA~1000mA		Discharge：5mA~1000mA		
	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)		
Data Acquisition	Recording Condition					Δt:（60s~60000s）				
						Voltage ΔU：（20mV~5V）				
						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				
Discharge	Discharge Mode					Constant Current Discharge, Constant Power Discharge				
	Cut-off					Voltage, Current, time, Capacity, -△V				
Cycle	Cycle numbers					1~65535				
	Steps in each cycle loop					63				
	Cycle loops in a cycle					Support 3 inner cycles				
Protection	Safety Characteristic					• Data saved automatically at power failure				
						• 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 ~ 40ºC				
Storage Temperature						-10 ~ 50ºC				
Humidity						≤70% RH				
Storage Humidity						≤80% RH				

Item	Value
Clamp	 
Equipment Dimension(L*D*H) (in)	20*15*5
Equipment Picture	

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LANDT INSTRUMENTS **CT2001A-5V1mA Battery Test System**

Model	CT2001A-	5	V	1	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：0.005mA~1mA	Discharge：0.005mA~1mA
	Accuracy	± 0.1% of FS + 0.1% RD	
	Stability	± 0.1% of FS + 0.1% RD	
Power	Single Channel Power	3.75W	
	Stability	± 0.2% 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)
Data Acquisition	Recording Condition	Δt:（60s~60000s）	
		Voltage ΔU：（20mV~5V）	
		Current ΔI：（0.002mA~1mA)	
	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	
	Cut-off	Voltage, Current, time, Capacity, -△V	
Cycle	Cycle numbers	1~65535	
	Steps in each cycle loop	63	
	Cycle loops in a cycle	Support 3 inner cycles	
Protection	Safety Characteristic	• Data saved automatically at power failure	
		• 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 ~ 40ºC
Storage Temperature	-10 ~ 50ºC
Humidity	≤70% RH
Storage Humidity	≤80% RH

Item	Value
Clamp	 
Equipment Dimension(L*D*H) (in)	20*15*5
Equipment Picture	

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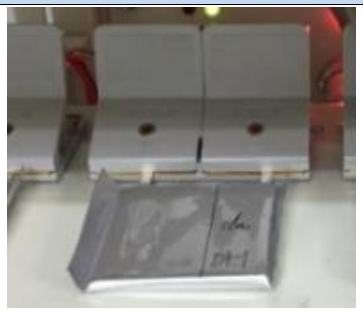
LANDT INSTRUMENTS **CT2001A-5V2ABattery Test System**

Model	CT2001A-	5	V	2000	mA	Battery Test System				

Item		Value	
Input Power		AC 110V ±10% / 60Hz or AC 220V ±10% / 50Hz	
Working Power		1120 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：10mA~2000mA	Discharge：10mA~2000mA
	Accuracy	± 0.1% of FS + 0.1% RD	
	Stability	± 0.1% of FS + 0.1% RD	
Power	Single Channel Power	140W	
	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)
Data Acquisition	Recording Condition	Δt:（60s~60000s）	
		Voltage ΔU：（20mV~5V）	
		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	Discharge Mode	Constant Current Discharge, Constant Power Discharge	
	Cut-off	Voltage, Current, time, Capacity, -△V	
Cycle	Cycle numbers	1~65535	
	Steps in each cycle loop	63	
	Cycle loops in a cycle	Support 3 inner cycles	
Protection	Safety Characteristic	• Data saved automatically at power failure	
		• 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 ~ 40ºC
Storage Temperature	-10 ~ 50ºC
Humidity	≤70% RH
Storage Humidity	≤80% RH

Item	Value
Clamp	 
Equipment Dimension(L*D*H) (in)	20*15*5
Equipment Picture	

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LANDT INSTRUMENTS **CT2001A-5V2mA 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	
	Stability	± 0.2% 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)
Data Acquisition	Recording Condition	Δt:（60s~60000s）	
		Voltage ΔU：（20mV~5V）	
		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	
	Cut-off	Voltage, Current, time, Capacity, -△V	
Cycle	Cycle numbers	1~65535	
	Steps in each cycle loop	63	
	Cycle loops in a cycle	Support 3 inner cycles	
Protection	Safety Characteristic	• Data saved automatically at power failure	
		• 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 ~ 40ºC
Storage Temperature	-10 ~ 50ºC
Humidity	≤70% RH
Storage Humidity	≤80% RH

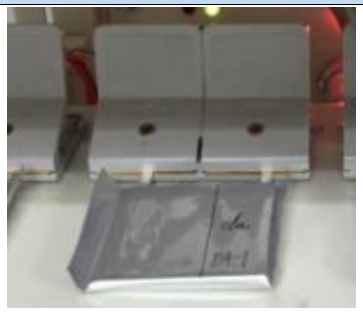
Item	Value
Clamp	 
Equipment Dimension(L*D*H) (in)	20*15*5
Equipment Picture	

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LANDT INSTRUMENTS **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				
	Step Duration					≤(365*24) hrs/Step		Timing Format (hh:mm:ss)		
Data Acquisition	Recording Condition					Δt:（60s~60000s）				
						Voltage ΔU：（20mV~5V）				
						Current ΔI：（10mA~5000mA)				
	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				
	Cut-off					Voltage, Current, time, Capacity, -△V				
Cycle	Cycle numbers					1~65535				
	Steps in each cycle loop					63				
	Cycle loops in a cycle					Support 3 inner cycles				
Protection	Safety Characteristic					• Data saved automatically at power failure				
						• 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 ~ 40ºC				
Storage Temperature						-10 ~ 50ºC				
Humidity						≤70% RH				
Storage Humidity						≤80% RH				

Item	Value
Clamp	 
Equipment Dimension(L*D*H) (in)	20*15*5
Equipment Picture	

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