




**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)								
Charge	Record Frequency					0.33Hz			
	Charge Mode					Constant Current (CC) Charge, Constant Voltage (CV) Charge, CC-CV Charge			
Discharge	Cut-off					Voltage, Current, time, Capacity, -ΔV			
	Discharge Mode					Constant Current Discharge, Constant Power Discharge			
Cycle	Cut-off					Voltage, Current, time, Capacity, -ΔV			
	Cycle numbers					1~65535			
	Steps in each cycle loop					63			
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 ~ 40°C			
Storage Temperature						-10 ~ 50°C			
Humidity						≤70% RH			
Storage Humidity						≤80% RH			

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

## Landt Instruments

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