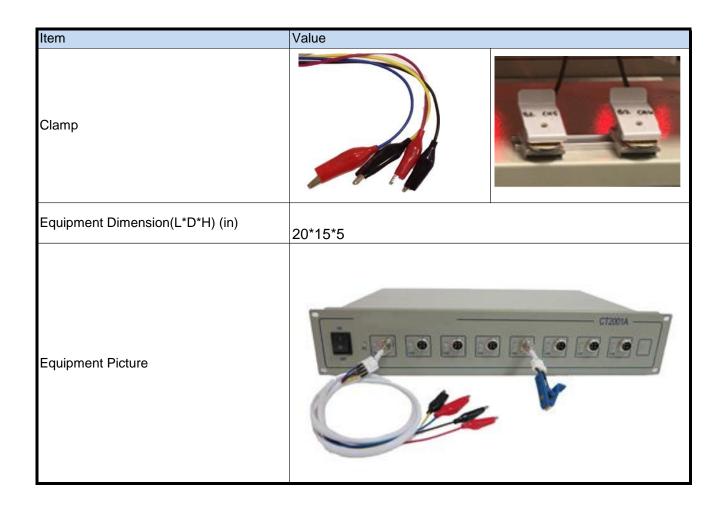
LANDT INSTRUMENTS

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 Protection	Cycle numbers	1~65535
	Steps in each cycle loop	63
	Cycle loops in a cycle	Support 3 inner cycles
	Cycle loops in a cycle	Data saved automatically at power failure
	Safety Characteristic	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



Landt Instruments

Croton-on-Hudson NY 10520 Phone: (888)505-1296 Email:landt@landtinst.com

www.landtinst.com