



Three Testing Range 5V50mA Coin Cell Tester

Three ranges in one
tester. Range1: 5uA~1mA, Range2: 1mA~25mA,
Range 3: 25mA~50mA

Range1: 2uA, Range2: 50uA, Range 3: 100uA

- Brand: TOB NEW ENERGY
- Item No.: c
- Order(Moq): 1set
- Payment: L/C, T/T, Western Union
- Product Origin: China
- Shipping Port: XIAMEN
- Lead Time: 7days

Product Detail

Three Testing Range 5V50mA Coin Cell Battery Testing System

SPECIFICATIONS

1. TOB-5V50mA Battery analyzer is an eight-channel battery analyzer to analyze small coin cells with a range current 0-50mah, voltage 0-5v. Each channel of the analyzer has independent constant-current and constant-voltage source, which can be programmed and controlled by computer software.

2. This coin cell tester system provides most applications in battery testing fields such as electrode materials research, battery performance test, smallscale battery formation, capability grading, battery pack testing, etc.

3. The coin cell tester is suitable for all kinds of coin cell battery such as lithium battery, NI-MH battery, Zn-Mn watch battery and so on.

TOB-BTS-CT4008-5V50mA-164 coin cell tester machine		
Item	TechnologyParameters	
Power	AC 220V±10% / 50Hz	
Input power	25W	
Resolution ratio	AD:16bit DA:16bit	
Input impedance	≥1 GΩ	
Voltage	Constant voltage range control	25mV~5V
	Minimum discharge voltage	-5V
	Precision	± 0.05% of FS
	Stability	± 0.05% of FS
Current	Output range per channel	Range1:5uA~1mA,Range2: 1mA~25mA, Range 3: 25mA~50mA
	Precision	± 0.05% of FS

	Constant voltage cut-off current	Range 1: 2uA, Range2: 50uA, Range 3: 100uA
	Stability	± 0.05% of FS
Power	Single channel maximum output power	0.25W
	Stability	± 0.1% of FS
Time	Current response time	<500us (10%FS~90%FS)
	Step time range	≤(365*24)Hour/step Time form support 00 :00 :00 :00 : 00 (h min s ms)
Parameter record	Data recording condition	Minimum interval of time: 100ms Minimum voltage interval:10mV Minimum current interval Range1: 2uA ; Range2: 50uA, Range: 100uA
	Recording frequency	10Hz
	Charging mode	Constant current charging, constant voltage charging, constant current and constant voltage charging, constant power charging
	Cut-off condition	Voltage, current, relative time, capacity -ΔV
Discharging	Discharging mode	Constant current discharge, constantvoltage discharge, constant current and constant voltage discharge, constant power discharge, constant resistance discharge

	Cut-off condition	Voltage, current, relative time, capacity - ΔV	
Burst Mode	Charging	Constant current mode, constant power mode	
	Discharging	Constant current mode, constant power mode	
Minimum pulse width	500ms		
Pulse number	A single pulse step supports 32 different pulses		
Continuous switching of charge and discharge	A pulsed step can achieve continuous switching from charge to discharge		
Cut-off condition	Voltage, relative time		
DCIR test	Support custom fetch point for DCIR calculation		
Circle	Cycle test range	1~65535	
	Single cycle step number	254	
	Nested loop	With nested loop function, maximum support 3 layer nesting	
Protect	<ul style="list-style-type: none"> • Disconnection with voltage data protection 		
	<ul style="list-style-type: none"> • Offline testing function 		
	<ul style="list-style-type: none"> • It can set safety protection condition, set parameters include: voltage limit, voltage limit, current limit, current limit, capacity limit, delay time, with anti reverse protection function 		
IP protection level	IP20		
Channel characteristics	Double closed loop structure is used for constant current source and constant voltage source		

Channel control mode	Independent control
Voltage and current detection sampling	Four wire connection
Noise	<45dB
Data base	Apply MySQL Centralized management of test data in database
Computer communication mode	Base onTCP/IP agreement
Server operating systems	Windows 7
Data output mode	EXCEL2003,2010、TXT
Server disk configuration	500GB
Communication interface	Ethernet
Leakage current	0.005uA
Machine channels	8
Requirements of equipment working environment	
Item	Parameter
Operating temperature range	0°C~40°C (25±10°C,accuracy:0.005% of FS /°C)
Storage Temperature Range	-10°C~50°C
Working environment relative humidity range	≤70% RH (No condensation of water vapor)

Storage environment relative humidity range	≤80% RH (No condensation of water vapor)
W*D*H (mm)	483 * 310 * 48

Product Display

