

8 Channels Battery Testing Equipment 5V 6A Pouch Cell Battery Charge And Discharge Tester

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: MRBEST
- Certification: CE
- Model Number: CT-4008T-5V6A-S1
- Minimum Order Quantity: 1 Set
- Price: Negotiable
- Packaging Details: Standard Export Wooden Packing
- Delivery Time: 7-20 working days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 500 sets per month



Product Specification

- Name: Battery Testing Machine
- Per Channel Current Range: Range1 0.5mA~1A Range2 0.1A~3A; Range3:3A~6A
- Channel Features: Constant Current Source And Constant Voltage Source With Independent Pairs Of Closed-loop Structure
- Channel Control Mode: Independent Control
- Per Channel Voltage Range: Charge 0.025V~5V Discharge 1.0V~5V
- Per Channel Output Power: 30W
- Highlight: **8 Channels Battery Testing Equipment, Battery Testing Equipment 5V, 6A Battery Charge And Discharge Tester**



More Images



Product Description



8 Channels Battery Testing Equipment 5V6A Pouch Cell Cylindrical Cell Battery Charge and Discharge Tester

Model: CT-4008T-5V6A-S1

1. MR-CT4008-5V6A-S1 Battery tester equipment is an eight-channel battery analyzer to analyze polymer battery and cylindrical batteries from 0.1 mA to 6000 mA, up to 5V. With Channel parallel, the Current can up to 12000mA.
2. This battery test system provides most applications in battery testing fields such as electrode materials research, battery performance test, small-scale battery formation, capability grading, battery pack testing and etc.
3. MR-CT-4000 Testing system has more quick sampling speed, attached with DC Resistance testing function. It also add with Channel parallel function which can enlarge the current up to twice of the normal range.
4. If you use this tester to test Super capacitor, please choose the model MR-CT-4008-S1-F, with the min discharge voltage up to 0V, Suitable for super capacitor, NI-MH battery, Nickel-chromium battery and all kind of rechargeable battery testing.

Popularizing multi-range technology actively

To meet the various requirements adopted in advanced battery research, our equipments can automatically switch the current range in accordance with user settings to maintain consistent accuracy, and can be fitted with additional hardware to provide a number of optional features and capabilities.

Specifications

Project index		Parameter index
Input Power		AC 220V $\pm 10\%$ / 50Hz
resolution		AD:2bit DA:16bit
Input Resistance		$\geq 1\text{M}\Omega$
Input Power		425W
Channel Features		Constant Current Source and Constant Voltage Source with Independent pairs of Closed-loop Structure
Channel Control Mode		Independent Control
Voltage	Per Channel Voltage Range	Charge:0.025V~5V Discharge:1.0V~5V
	Accuracy	$\pm 0.05\%$ of FS
	Stability	$\pm 0.05\%$ of FS
Current	Per Channel Current Range	Range1:0.5mA~1A Range2:0.1A~3A; Range3:3A~6A
	Accuracy	$\pm 0.05\%$ of FS
	Stability	$\pm 0.05\%$ of FS
Power	Per Channel Output Power	30W
	Stability	$\pm 0.1\%$ of FS
Time	Current Response Time(10%FS~90% FS)	1ms
	Step Time Range	1s≤Single Step Time Range≤365*24 h, Time Form Support 00:00:00(h,min,s)
		Min. Record Time:100ms

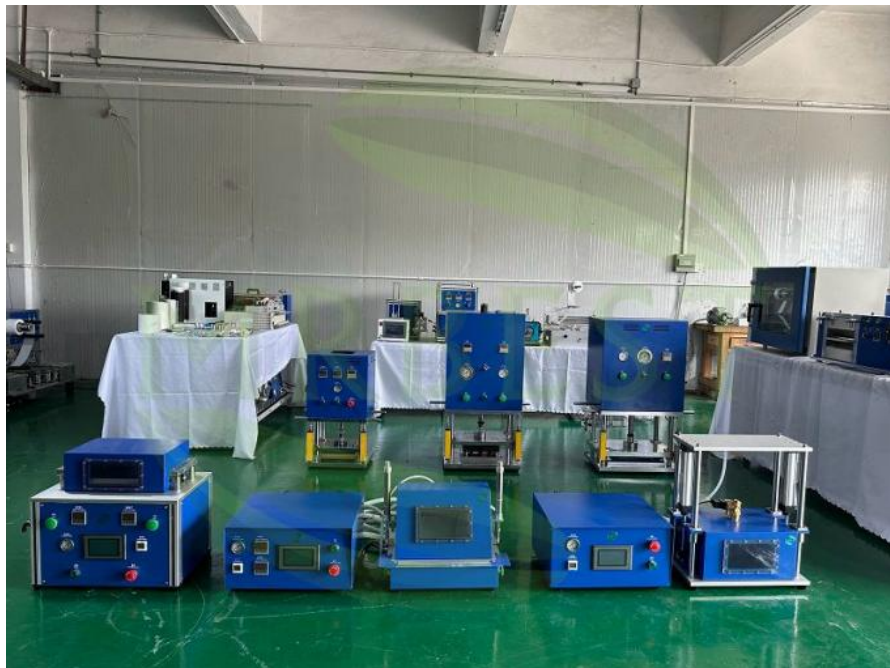
Data Recording	Record Condition	Min. Record Voltage:10mV
		Min. Record Current:Range1:0.2mA Range2:6mA; Range3:12mA
	Record Frequency	10Hz
Charge	Charge Mode	Constant Current Charge,Constant Voltage Charge, CC-CV Charge ,CP-Charge
	End Condition	Voltage,Current,Relative Time,Capacity,-ΔV
Discharge	Discharge Mode	Constant Current Discharge CP-D CR-D
	End Condition	Current,Current,Relative Time,Capacity
Pulse Model	Charge	Constant Current,Constant Power
	Discharge	Constant Current,Constant Power
	Min Pulse Width	500ms
	Pulse Number	Single Pulse Step Support 32 different Pulse
	Charge r To Discharge	One Pulse Step Can Support Continuous Charge And Discharge Change
	Stop Condition	Voltage, Relative Time
DCIR Testing	Support Custom Access Point And Count The DCR	
Cycle	Loop Measure Range	1~65535 times
	Max Steps Per Loop	254
	Nested Loop	Nested loop Function,Max Support 3 Layers
Protection	Software Protection	Power-down Data Protection
		Setting Protection Condition,Setting Parameter:Low Voltage limit,Upper Voltage limit,Low Current limit,Upper Current limit,Delay Time
Voltage and Current Testing Sample		4-wire connecting
Noise		<85dB
Data Management		MySQL Database
Communication Means		TCP/IP Protocol
Data Output		EXCEL,TXT
Communication Interface		Ethernet Port
Main Channels		8
Dimensions		3U,W*D*H:480*730*130(mm)per unit

Picture Display











Planetary Vacuum Mixer



Automatic Film Coating Machine



Rolling Press Machine



Coin Cell Punching Machine

Coin Cell Lab Equipment



Vacuum Drying Oven



Glove Box



Coin Cell Crimper



Battery Testing Machine



Vacuum Mixer



Coating Machine



Roller Press Machine



Vacuum Drying Oven



Electrode Die Cutter



Final Sealing Machine

Pouch Cell Assembly Machine Stacking Process



Stacking Machine



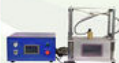
Battery Testing Machine



Ultrasonic Welder



Vacuum Pre-sealing



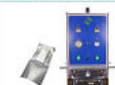
Electrolyte Diffusion



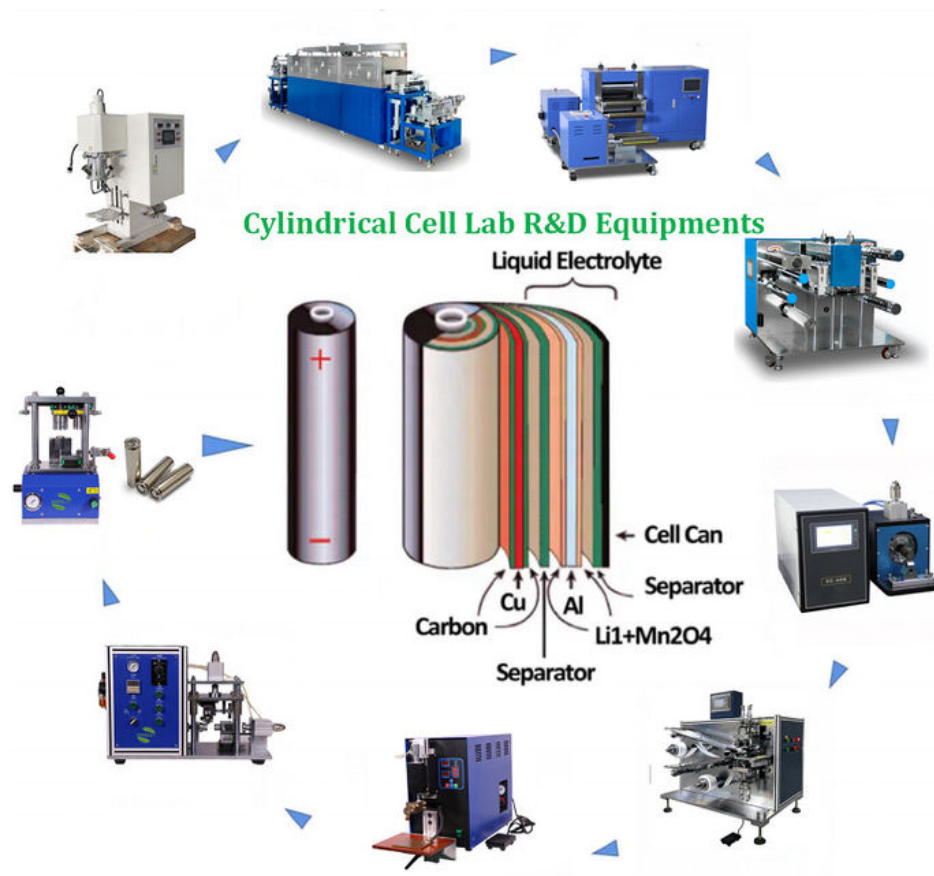
Glove Box



Top & Side
Sealing Machine



Pouch Cell Case
Forming Machine



Factory Show

COMPANY PROFILE

20 Years Lithium Battery Industry Experience



Shenzhen Meirui Zhida Technology Co., Ltd. is a Manufacturer specializing in a Complete Set of Lithium Ion Battery Research Equipment. MRBEST has been committed to providing customers with comprehensive Battery Research and Development Equipment to meet customers' new Lithium Battery Technology and New Needs in recent years, such as Sodium Batteries, Solid-state Battery and Semi-solid-state Battery Equipment, special process requirements such as dry process, 4680 large cylindrical battery equipment requirements etc. Create One-Stop Service for Battery Research Equipment for customers and provide Professional Technical Guidance and Support.

MRBEST related products include: Vacuum Mixers, Planetary Vacuum Mixers, Lab Transfer Coating Machine, Automatic Film Coating Machine, Electric Vertical Roller Machine, Pneumatic Die-cutting Machines, Electric Sealing Machines, Vacuum Pre-sealing machine, Secondary Vacuum Sealing Machine, Coin Cell battery Sealing Machine, Battery Winding Machine, Pouch Cell Sealing Machine, Ultrasonic Spot Welding Machine, Glove Box with Purification System etc. MRBEST products have been sold at home and abroad. Our main customer include: Universities, Research Institutes, Battery Positive and Negative Material Companies, Battery Cell Manufacturers, and New Energy EV Battery Manufacturers etc.



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