

## 500ml Compact Dual Shaft Planetary Vacuum Mixer For Battery Electrode Preparation

Our Product Introduction

for more products please visit us on [lithiumbatteryemachine.com](http://lithiumbatteryemachine.com)

### Basic Information

- Place of Origin: China
- Brand Name: MRBEST
- Certification: CE
- Model Number: MR-XJB-4
- 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

**STEP 1**  
**MIXING**



### Product Specification

- Name: Planetary Vacuum Mixer
- Mixing Container: 150-500ML Optional
- Stirring Speed: MAX 1400 Rpm
- Stirring Time: 0~600min Can Be Set
- Power: 200W
- Overall Size(L\*W\*H): About 330mm×320mm×570mm
- Highlight: **Dual Shaft Planetary Vacuum Mixer, Compact Planetary Vacuum Mixer**



### More Images



## Product Description



### 500ml Compact Dual-Shaft Lab Scale Planetary Vacuum Mixer for Battery Electrode Preparation

MR-XJB-4 Planetary vacuum mixer is one high efficiency equipment with vacuum molding and dispersion function, suitable for the battery lab research of anode and cathode electrode slurry mixing process, as well as for the powdered and ceramic material materials mixing.

Due to the fact that the stirring is completed in the vacuum state, there's without bubble, so the fillability of materials and the compactness of model are improved.

#### Features:

1. Vacuum environment, can eliminate the bubbles generated in the mixing process effectively, with vacuum system.
2. Standard equip of biaxial planetary stirring structure, screw impeller, according to the size of mixing tank to configure the different mixing shafts and combination.
3. Reverse and corotation mixing function design, can achieve high viscosity slurry make high speed mixing, have good mixing uniformity.
4. Multi speed operation can be carried out, you can set the speed and time of each stirring.
5. Bracket design, easy to operate, to ensure the safety of the vacuum mixing process.
6. Small size, can save space.
7. Exquisite appearance, with three-dimensional geometric design, simple and beautiful.

#### Specifications

Model	Battery Electrode Planetary Vacuum Mixer MR-XJB-4
Voltage	AC220V 50Hz/ 110V 60Hz
Power	200W
Stirring speed	MAX1400 rpm
Multi segment function	There segment speed can be set
Fitting volume	500ml stainless steel vacuum mixing tank
Stirring time	0~600min can be set
Overall size(L*W*H)	About 330m×320mm×570mm
Net Weight	About 35kg
Remark	1 Built in vacuum pump, vacuum value -0.08Mpa. 2 Standard double screw propeller, others according to the design of tank.

Warranty	One year limited and list time support
----------	--

Picture Display

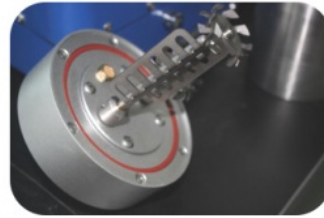
STEP 1  
MIXING





*Dual shaft design*

**High efficiency mixing performance**



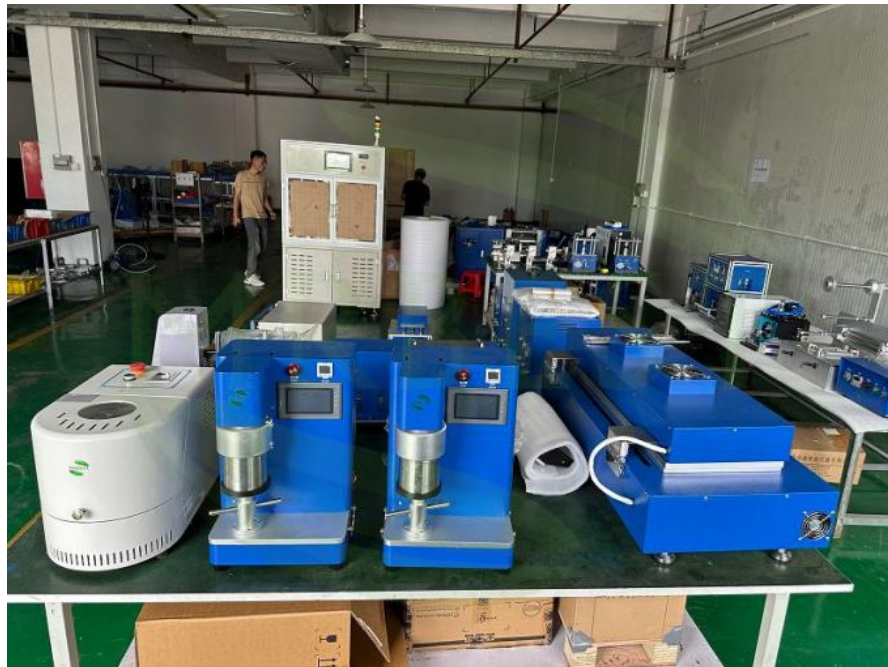
	Brake time	Cycle times	Acceleration time
	9999 s	9999 P	99999 ms
	Turn to	Speed (rpm)	Time (min)
First part	Forward	9999	9999
Second part	Forward	9999	9999
Third part	Forward	9999	9999
<div>Factory Stop Start Return</div>			

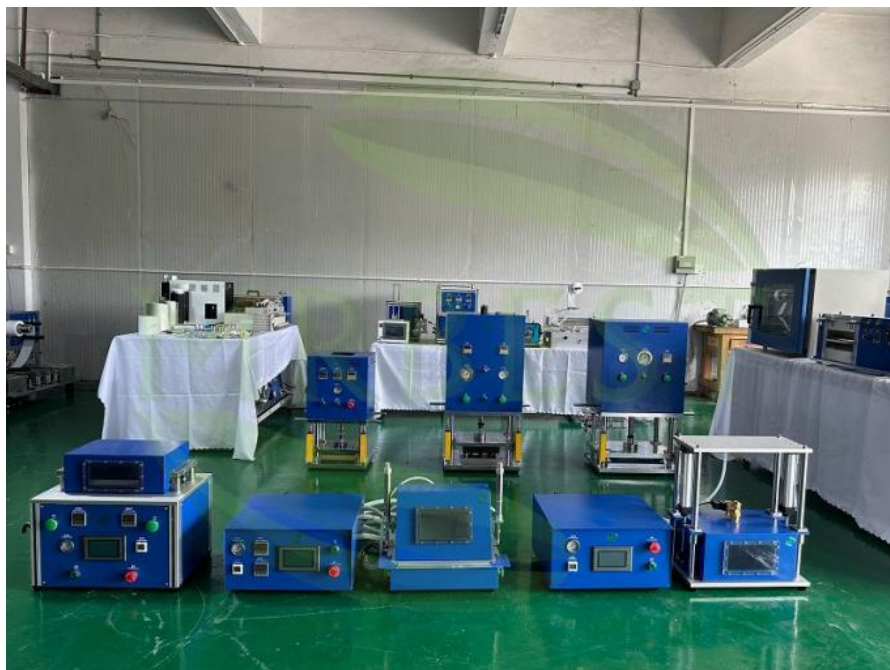
*English touch screen controller*

**Multiple parameters setting**

*Vacuum*

**Vacuum degree -0.08Mpa, bubbles free, suitable for mixing the sensitive materials**

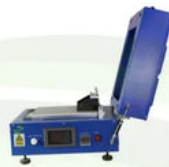








Planetary Vacuum Mixer



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



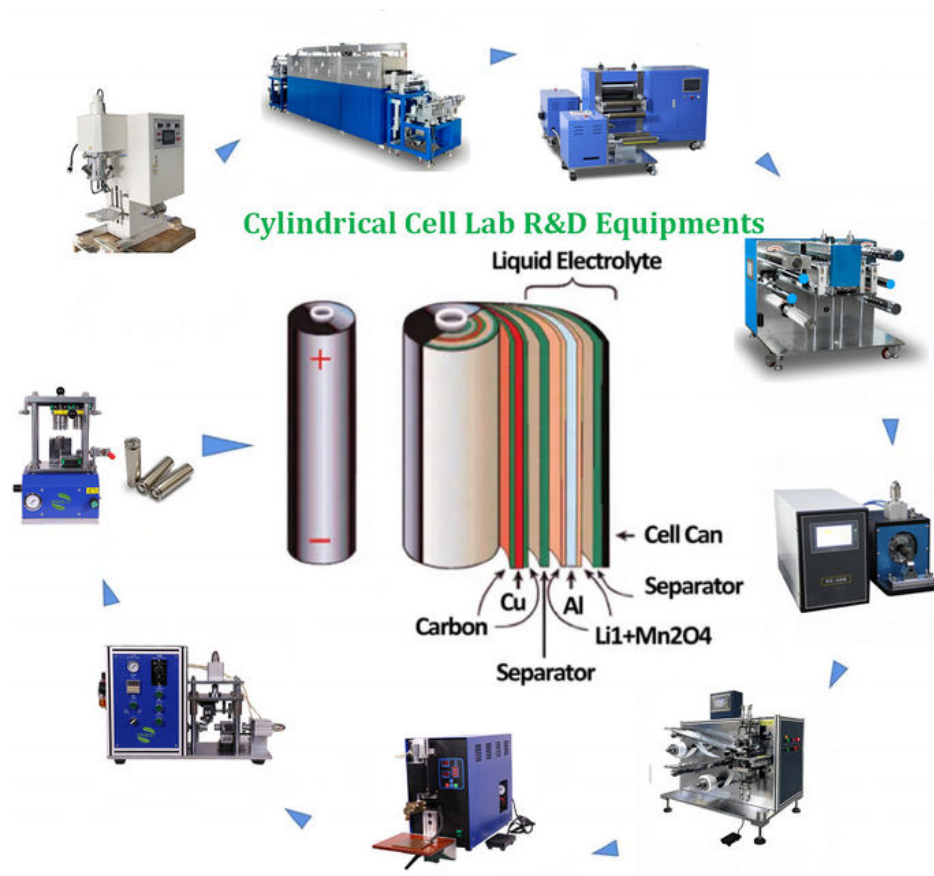
Glove Box



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.





**Shenzhen Meirui Zhida Technology Co., Ltd.**



+86 19866156608



tina@szmrbest.com



lithiumbattery-machine.com

104 Building 6, Second Industrial Zone, Shanmen Community, Yanluo Street, Baoan District, Shenzhen China