



Compact Pouch Cell Assembly Top And Side Sealing Battery Heat Sealing Machine

Our Product Introduction

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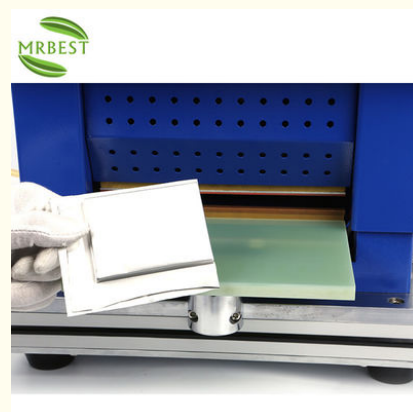
Basic Information

- Place of Origin: China
- Brand Name: MRBEST
- Certification: CE
- Model Number: MR-SFZ200
- 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

- Product Name: Pouch Cell Top & Side Sealing Machine
- Application: For Battery Research
- Suitable Battery: Pouch Cell
- Sealing Width: $5 \pm 0.4\text{mm}$ (can Be Customized)
- Sealing Length: 200mm 200mm~400mm Can Be Customized)
- Side Sealing Thickness: 60 - 300um
- Thickness Of Top Tab Edge Sealing: 200 - 700um
- Heat Sealing Temperature: RT 250 Adjustable
- Highlight: Compact Pouch Cell Assembly, Side Sealing Pouch Cell Assembly, Compact Battery Heat Sealing Machine



More Images



Product Description



Lithium Battery Heat Sealing Machine For Pouch Cell Top & Side Sealing With 200 mm-400 mm Length

Model: MR-SFZ200




1. MR-SFZ200 Battery Heat Sealing Machine is a compact heating sealer for sealing aluminum-laminated films during pouch cell (polymer Li-Ion cell) case preparation.
2. The battery heat sealing machine adopts soft sealing bar, The sealing is copper in bottom and aluminum and Silicone rubber piece on top. So it can be used for both top and side sealing for pouch cell.
3. It can prepare the pouch cell for the injection of electrolyte by sealing the side and top of the pouch cell with tab.

Features:

1. Unique safety protection and anti-scalding design, the temperature of the upper and lower irons can be adjusted through the button on the thermostat panel.
2. The head is made of copper material, which has good heat transfer effect, saves electricity consumption, improves work efficiency, and saves energy compared with similar products.
3. The pressure of the upper and lower heads can be adjusted by the pressure regulating valve to meet the requirements of different process parameters.
4. The upper and lower heads are driven by cylinders and guided by two linear guide sleeves, which can move up and down flexibly and accurately to ensure the parallelism requirements of the product after edge sealing.
5. It can be applied to the product batteries of different specifications, and the adjustment is simple and convenient, without adjustment and replacement of the seal head.
6. The frame is made of aluminum profile, which has a beautiful appearance; the sheet metal adopts three-dimensional geometric design, which is simple and beautiful.
7. Small size, smooth and even seal marks, beautiful appearance of the edge seal; soft package heat sealing machine equipment.

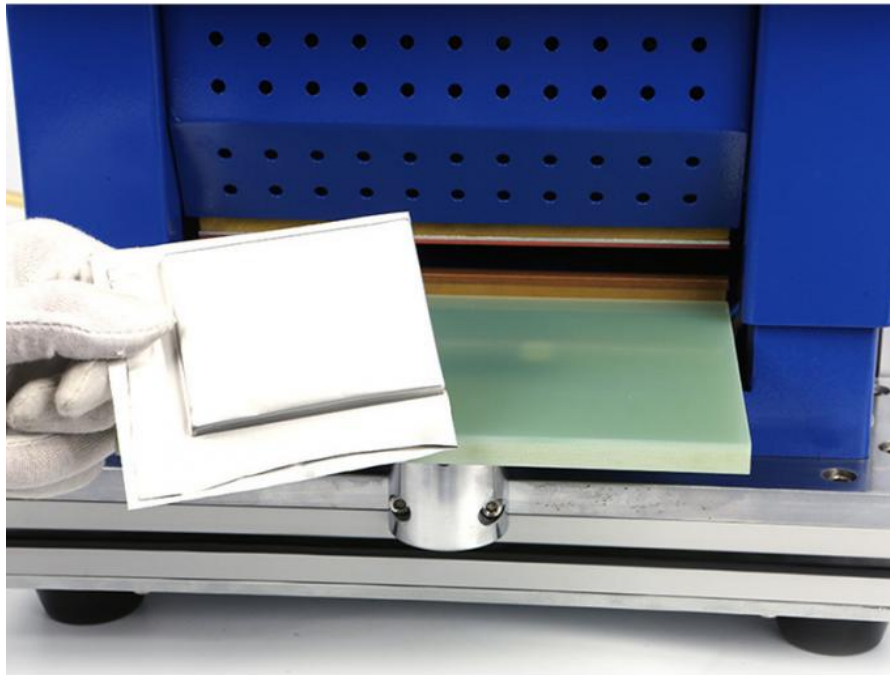
Specification

Model	Battery Heat Sealing Machine for Pouch Cell Top & Side Sealing MR-SFZ200
Maximum seal length	200 mm Max. (200mm~400mm can be customized)
Sealing Width	5mm±0.4 (3 10mm can be customized)
Side sealing thickness	60 - 300um (depending on the thickness of the aluminum film)
Thickness of top tab edge sealing	200 - 700um (depending on the thickness of the aluminum film)
Heat sealing temperature	RT 250 adjustable
Temperature accuracy	±2
Sealing time	0-99s adjustable
Seal thickness accuracy (mm)	The thickness difference between any two points is less than 15um
Safety device	Equipped with protective device to prevent high temperature scald.
Operation mode	The equipment has the function of automatic and manual operation.
Flexibility	The equipment is easy to clean and replace the copper mold.
compressed air	5 8kg/cm ²
Working speed of air compressor	≥400 times/hour

Power Supply	AC220V/110V, 50/60Hz
Power	0.5KW
Dimensions	L430x W330x H480mm
Equipment weight	35Kg
Application Notes	<p>Suggested Sealing Parameter:</p> <ol style="list-style-type: none"> 1. Upper Heating Blade Temperature: 200°C 2. Lower Heating Blade Temperature: 180°C 3. Pressure: 40 psi 4. Duration: 3 seconds <p>Please wait until both dies reached the Setting temperature and controller disable the Low temp. ALM, then begin to operate.</p>
Notes	<p>For completing the full sealing procedure, you may need the following combination:</p> <p>Compact Heating Sealer (suitable for top & side sealing with tab)</p>  <p>Vacuum Sealing Machine (for pre-sealing in glove box after injection of electrolyte)</p>  <p>C. Final Vacuum Sealing Machine (for vacuuming and second sealing with automatic puncture and degassing function)</p>  <p><i>If you don't want to spend too much budget on the sealing part, machine A plus B can also meet your basic sealing need</i></p>

Picture for Reference







**Pouch Cell Assembly
Line ship to USA** 🇺🇸

Pouch Cell Assembly Machines



Cylindrical Cell Machine



Coin Cell Machines

MRBEST Factory Show



Shenzhen Meirui Zhida Technology Co., Ltd

Manufacturer Vendor for Lithium Battery Equipment in Shenzhen China

MRBEST Engineers has over 20 years experience in Lithium-ion Battery Researching and Manufacturing!
MRBEST International Sales Team has over 10 years export experience
24*7 Online after-sale dept and quick response!
Provide complete solution for Battery & Material Research Equipment
MRBEST Factory with ISO Certificate and products are CE approved



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