



0 - 120mm/s Automatic Film Applicator Coater 200W With Adjustable Doctor Blade

Our Product Introduction

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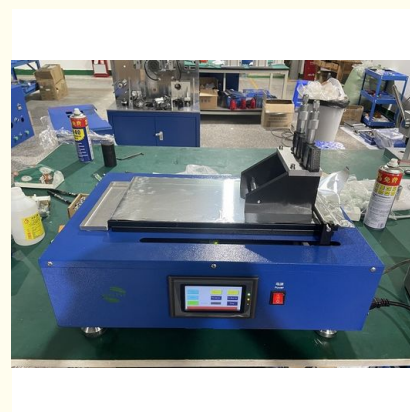
Basic Information

- Place of Origin: China
- Brand Name: MRBEST
- Certification: CE
- Model Number: MR-TM300
- 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: Automatic Film Coater
- Coating Width: 100mm/150mm (Can Be Customized)
- Coating Stroke: 300
- Coating Speed: 0 - 120mm/s
- Vacuum Plate: Aluminum Plate With Vacuum
- Vacuum Pump: Built In Oil Free Vacuum Pump
- Working Voltage: 110V AC Or 208 - 240V AC 50/60Hz Single Phase
- Power: 200W
- Highlight: 120mm/s Automatic Film Applicator, Automatic Film Applicator 200W, Automatic Film Coater 200W



More Images



Product Description



Automatic Film Applicator Coater with Vacuum Chuck and Adjustable Doctor Blade For Battery Electrode Coating MR-TM300

Model: MR-TM300

MR-TM300 is a Automatic Film Coater with Vacuum aluminum plate designed to produce films with consistent thickness by using micrometer adjustable applicators or fixed thickness applicators. It has an unique driving system to produce smooth coating on all types of materials. The flat vacuum chuck is built in to hold substrate sheet in place, which is particularly useful when coating on thin substrate and making uniform tape casting. One micrometer adjustable applicator is included for immediate use. This machine can be used for research on ceramic tape casting, crystal film, special nanometer film and Li-Ion battery electrode coating.

This model is without heating function, Heating lid is available at extra cost for drying . please select mode MR-TMH250 if need hot function.

Features:

- * Use large area uniform heating to ensure high temperature uniformity in the cavity;
- * Flat coating, motor driven blade coating, coating speed is stable and adjustable;
- * Adjustable film speed, vacuum aluminum plate can quickly place or remove copper foil, aluminum foil etc.,
- * Standard filming device, high coating precision, adjustable coating thickness;
- * Can be used in the glove box, easy to operate and small size, saving space;
- * PLC Touch screen control, easy to operate.

Specifications

Model	Automatic Film Coater MR-TM300
Working Voltage	110V AC or 208 - 240V AC 50/60Hz Single Phase
Power	200W
Traverse Speed	0 - 120 mm/sec variable Accuracy: 10mm/sec
Max Stroke	300 mm
Max. Coating Dimensions	100/ 150mm(W) * 300mm(L)
Platform	Aluminum alloy flat vacuum chuck Vacuum Chuck Dimensions: 410mm(L) *200mm(W) *30mm(H)
Film Applicator	One 100/150 mm width Micrometer Adjustable Film Applicator is included, with adjustable thickness from 0.01 mm - 3.5 mm Traverse Pusher is included for pushing the doctor blade to ensure constant speed coating
Product Dimensions	550mm(L) *310mm(W) * 330mm(H)
Net Weight	50kg
Warranty	One year limited warranty with lifetime support

Application Notes

Rolling is absolutely necessary to ensure good density and adhesion of electrode materials to the current collector substrate after coating. Please select a rolling press from here.
You may need a vacuum oven to dry the films after coating
You may need a vacuum mixer to remove air bubbles inside the slurry and to make all coatings uniform
You may need a Slurry Viscosity Tester to make coatings consistent

Picture Display





Film Coating Machine
ship to USA 🇺🇸

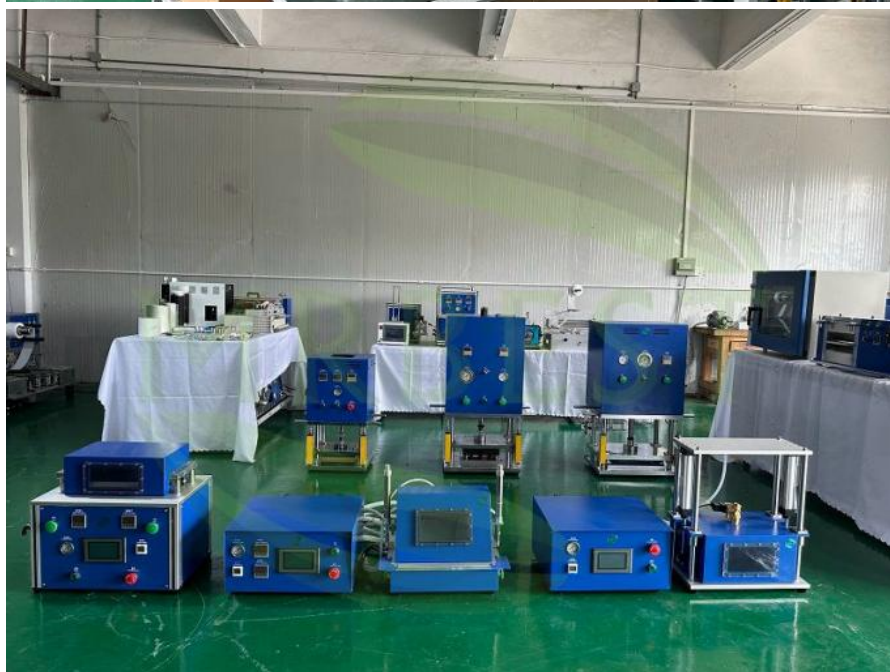


Model: C-1000 Series

Packing List

No.	Part Name	Specification	Quantity	Remarks
1	Machine Body	1000 Series	1	AC 220V
2	Control Panel	1000 Series	1	
3	Power Switch	1000 Series	1	
4	Motor	1000 Series	1	
5	Heater Element	1000 Series	1	
6	Temperature Sensor	1000 Series	1	
7	Pressure Gauge	1000 Series	1	
8	Flow Meter	1000 Series	1	
9	Control Cable	1000 Series	1	
10	Power Cable	1000 Series	1	
11	Temperature Sensor Cable	1000 Series	1	
12	Pressure Gauge Cable	1000 Series	1	
13	Flow Meter Cable	1000 Series	1	
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15	Power Cable	1000 Series	1	
16	Temperature Sensor Cable	1000 Series	1	
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99	Control Cable	1000 Series	1	
100	Power Cable	1000 Series	1	







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



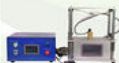
Battery Testing Machine



Ultrasonic Welder



Vacuum Pre-sealing



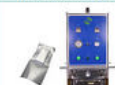
Electrolyte Diffusion



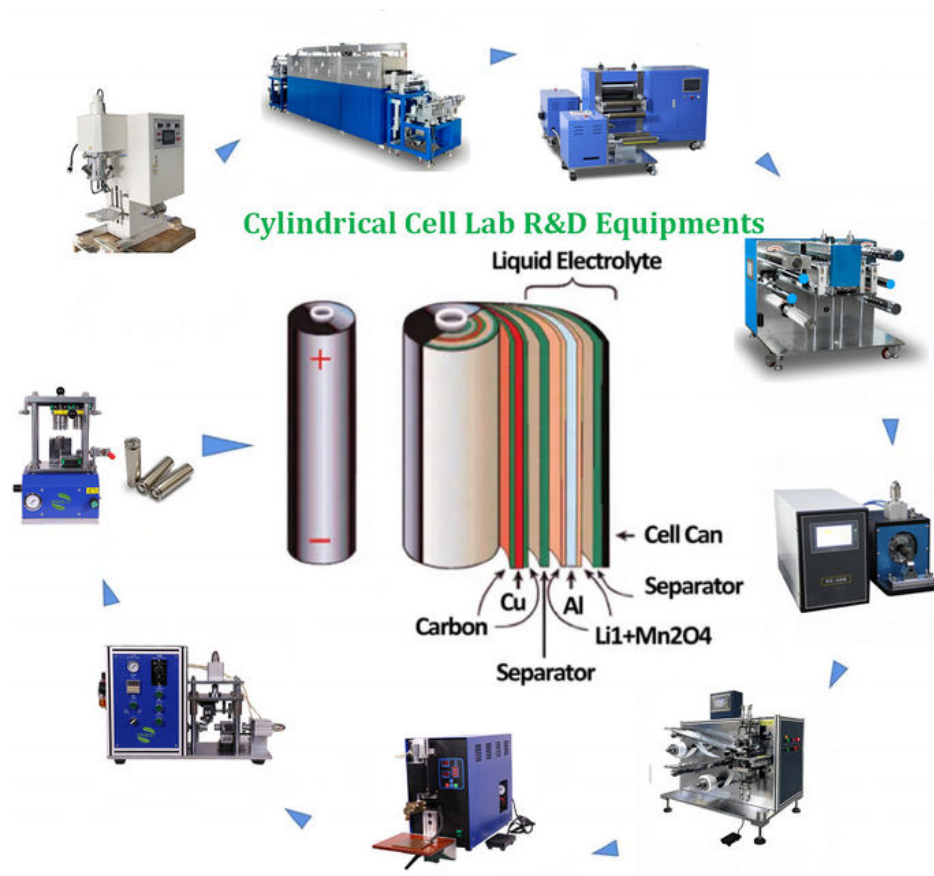
Glove Box



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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