



Single Phase Automatic Film Coater Lithium Battery Electrode Coating Machine

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 Coating Machine With Dryer
- Doctor Blade: 100mm Fixed Width As Standard, Adjustable Width Optional
- Coating Length: Max. 300mm Adjustable , Customizable
- Coating Speed: 0~200mm/s Adjustable
- Vacuum Plate: Aluminum Plate With Vacuum
- Vacuum Pump: Built In Oil Free Vacuum Pump
- Dimension: L500 * W310 * H200mm
- Weight: 40KG
- Highlight: **Single Phase Automatic Film Coater,
Lithium Battery Automatic Film Coater,
Lithium Battery Electrode Coating Machine**

Product Description

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



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 for Battery Electrode Coating 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	150mm(W) * 300mm(L)
Platform	Aluminum alloy flat vacuum chuck Vacuum Chuck Dimensions: 410mm(L) *200mm(W) *30mm(H)
Film Applicator	One 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
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Our Advantages

1. Steady and high quality ! -cause we are a manufacturer of Lithium Battery Equipment, and we only focus on one thing that is make professional Lithium ion Battery Equipment for customer around the world.
2. Friendly use! all MRBEST Battery Equipment with teach manual and support live teaching via media.
3. Reliable factory! My factory located in Shenzhen city of China, support factory visit and video factory visit .
4. 1 year warranty plus lifetime technical support.
- 5.All the parts use on machine, in stock forever.
6. Powerful technical support, NOT TRADE COMPANY! We are professional on Lithium Battery Equipment, the chief engineer team have more than 20 years experience on lithium battery area, so we can easy do diagnose on machine if customer have question.
7. 100% PATIENCE to all customers! Our patience not only before consult order, also after-sale service, one by one .



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