



CE Approved Prismatic Cell Assembly 10KW Lithium Ion Battery Electrode Coater

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: MRBEST
- Certification: CE
- Model Number: MR-SY300-3J
- 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: Lithium-ion Battery Electrode Coater
- Coating Method: 3 Rollers Transfer Coating
- Roller Width: 330mm (280mm Effective)
- Heating Temperature: RT~150
- Drying Chamber Qty: 3 Sections (1m/section)
- Operating Substrate Thickness: Aluminum Foil(Al): 8-30um; Copper Foil(Cu): 8-30um
- Coating Speed: ≤2m/min
- Suitable Slurry Viscosity: 2000-12000 Cps
- Highlight: **CE Prismatic Cell Assembly,
Prismatic Cell Assembly 10KW,
Lithium Ion Battery Electrode Coater**

Product Description

Prismatic Cell Assembly Lithium-ion Battery Electrode Coater for Battery Slurry Coating



Model: MR-SY300-3J

Lithium-ion Battery Electrode Coater has been developed mainly to coating process for lithium-ion secondary batteries electrode. This machine consists of Coating and Drying equipment to achieve the mass production process of electrode plates (cathode/anode materials) which is a key process in battery manufacturing field. It can provide coating styles to meet the demands of varieties , such as continuous coating, intermittent coating and simultaneous double-sided coating etc.

Features

- * Each part of drying cabinet temperature can be controlled independently.
- * This machine is the modular design, which is easier to operate.
- * Continuous and intermittent coating can be changed freely.
- * Tension control, it's equipped with correction device.
- * Lower & upper blowing heating oven with excellent drying.
- * Comma coating blade metering, with precision adjustment mechanism to obtain high coating accuracy.
- * Gap tracking system for double side coating.
- * PLC control, high automation.

Technical Parameters

Name	MRBEST Lithium-ion Battery Electrode Coater MR-SY300-3J
Coating method	3 rollers transfer coating
Coating mode	Continuous & intermittent coating
Roller width	330mm
Effective coating width	280mm
Substrate thickness	Aluminium foil: 8~30μm Copper foil: 8~30μm
Coating speed	0~0.5m/min, depending on the heating
Single side coating thickness after drying	20-200μm
Heating temperature	RT~150
Heating oven	1m length ,customized length is available
Coating size accuracy	$L \leq \pm 1\text{mm}$, $W \leq \pm 0.5\text{mm}$
Voltage	3PH 380V 50Hz
Total power	10KW
Compressed air	0.5~0.7Mpa
Dimension	L6500*W1300*H1500mm



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