



150mm Electric Roller Press Machine 120W

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: MRBEST
- Certification: CE
- Model Number: MR-DG150L
- 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

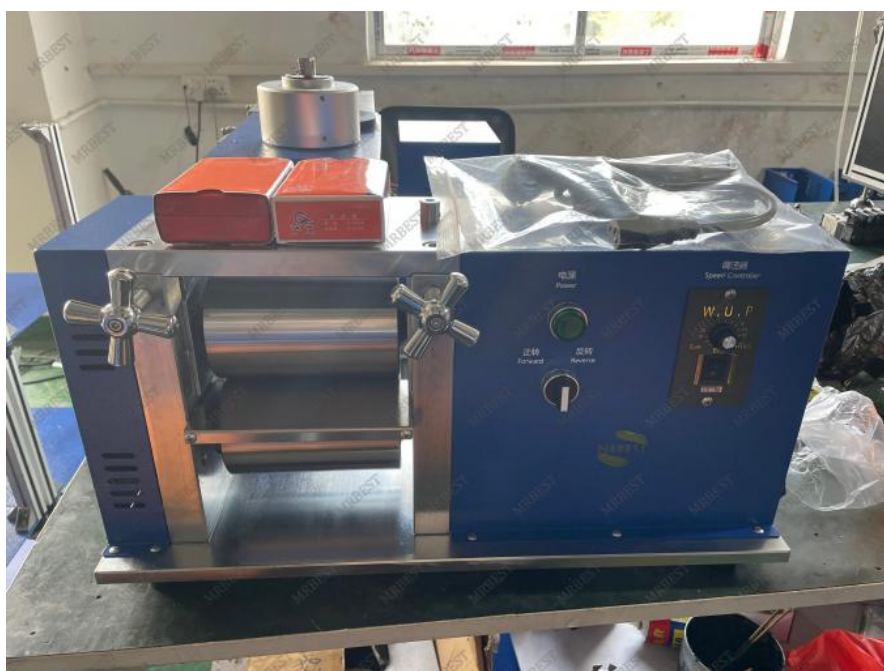


Product Specification

- Product Name: 150mm Electric Roller Press Machine
- Roller Diameter: 96mm
- Roller Width: 150mm Other Width Available
- Pressing Thickness: 0~2mm Adjustable
- Feeding Speed: Max 10mm/s Adjustable
- Working Voltage: AC110/220V Optional Upon Request
- Power: 120W
- Rolling Press Accuracy: $\leq \pm 0.005$
- Highlight: **150mm Electric Roller Press Machine ,
Electric Roller Press Machine 120W**

Product Description

150mm Electric Roller Press Machine for Battery Electrode Calendering



Model: MR-DG150L

MR-DG150L Lab Roll Press Machine is a compact precision Electric Calender machine. It has dual rollers of 96mm dia. x 150mm width and dual grade micrometer. This lab roll press machine is an ideal rolling press for adjusting thickness and increasing active material density of the electrode in Li-Ion batteries research after coating and drying.

This model Electric Calender is mainly used for small electrodes in the rolling process, suitable for use by universities and enterprises experiment line, make the battery electrode compression molding, increased density.

Specifications

Model	150mm Electric Roller Press MachineMR-DG150L			
Working Voltage	110V / 220V AC single phase selectable			
Power	200W Total			
Warranty	One year limited manufacture warranty with lifetime support			
Structure	1 Heavy duty steel frame, gears and handle 2 Φ96mm Dia. x 150mm width Rollers made from hardened tool steel (HRC > 62) with Cr electroplated coating 3 Dual micrometer for accurate thickness adjustment in the range 0 - 2 mm Maximum			
Roller	Dimensions: 96mm(Dia.) x 150mm(W) Material: Made from hardened tool steel (HRC > 62) with Cr electroplated coating. With finish > 0.8			
Rolling press accuracy	≤±0.005			
Roller surface hardening depth	5mm			
Max pressure	3T			
Rolling press thickness	0-2mm adjusted with Dial gauge			
Rolling press width	Max 150mm, Customized			
Rolling press speed	0-2m/min adjustable			
Product Dimensions	700 mm(L) x 320mm(W) x 310mm(H) (28" x 12.5" x 12.2")			
Weight	76kg			
Application Notes	This roller is specially designed for battery R&D in terms of its advantages as affordable, compact and precise. 1 Must use ace tone to clean and dry rollers' surfaces after each use to avoid rusting 2 Coated Rust-proof oil if machine were to be unused for a long period of time 3 The minimum thickness of the rolled sheet should depend on the physical property of the materials. Here are some results from our test:			
	Electrode	Size	Original thickness	Finished thickness
	LiFePO4 double sides	50mm Width x 260mm Length	0.205mm	0.09mm
	LiMn2O4 double sides	50mm Width x 260mm Length	0.205mm	0.09mm
	Copper foil + graphite (single side)	75mm Width x 240mm Length	0.09mm	0.04mm
	Sample testing is available upon customer's request			

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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