

## Electric Calender Roller Press Machine For Lithium Battery Electrode Rolling

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: MRBEST
- Certification: CE
- Model Number: MR-DG100L
- 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

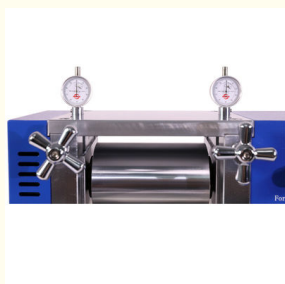


### Product Specification

- Product Name: Electric Roller Press Machine
- Roller: Dia 96 X W100mm, Other Width Available
- Roller Hardness: >HRC62
- 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: **Electric Calender Roller Press Machine, Lithium Battery Calender Roller Press**



### More Images



## Product Description



### 100mm Width Electric Calender Roller Press Machine for Lithium Battery Electrode Rolling

**Model:** MR-DG100L

MR-DG100L Lab Roll Press Machine is a compact precision electric rolling press machine. It has dual rollers of 96 mm dia. x 100mm 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.

#### Features:

1. Hard chrome plated on surface. Material HRC62.
2. Transparent protective plate is designed for safety operation.
3. Press gap is adjustable.
4. Rolling speed and press thickness is adjustable .

#### Application

Battery lab  
Battery research  
Lithium ion battery lab  
Material research  
Trial-production

#### Specifications

Model	3.93"Width (100mm) Lab Roll Press Machine MR-DG100L
Working Voltage	110V/ 220V AC Single Phase Selectable
Power	120W Total
Warranty	1 year limited manufacture warranty with lifetime support
Structure	1. Heavy duty steel frame, gears and handle 2. Φ96mm Dia. * 100mm width Rollers made from hardened tools steel (HRC >62) with Cr electroplated coating. 3. Dual micrometer for accurate thickness adjustment in the range 0-2mm Maximum 4. Equipped with a transparent protective plate, safe to use
Roller	Dimensions: 96mm Dia * 100mm W Material: Made from hardened tool steel (HRC >62) With Cr electroplated coating. With Finish >0.8
Rolling Press Accuracy	≤±0.005
Rolling Press Thickness	0-2mm adjusted with Dial Gauge
Rolling Press Width	100mm Optional for 150mm, 200mm, 250mm, 300mm & 400mm
Rolling Press Speed	0-40mm/s adjustable
Product Dimensions	385mm L * 245mm W * 355mm H ( 15" * 9.5" * 14")
Weight	55KG

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 time
3. The minimum thickness of the rolled sheet should depend on the physical property of the materials.

Picture for Reference









## 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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