



100mm Width Manual Battery Calendering Machine Rolling Press Machine

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: MRBEST
- Certification: CE
- Model Number: MR-SG100L
- 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: Manual Rolling Press Machine
- Roller Diameter: 96mm
- Roller Width: 100mm Other Width Available
- Pressing Thickness: 0~2mm Adjustable
- Rolling Press Accuracy: $\leq \pm 0.005$
- Roller Material: Made From Hardened Tool Steel (HRC > 60)
With Cr Electroplated Coating.
- With finish: > 0.8
- Structure: Heavy Duty Steel Frame, Gears And Handle
- Highlight: **Manual Battery Calendering Machine,
100mm Battery Calendering Machine**

100mm Width Manual Rolling Press Machine For Lithium Battery Electrode Calendering



Model: MR-SG100L

MR-SG100L Lab Roll Press Machine is a Manual 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.

This Lab roll press machine is mainly used in the laboratory lithium battery materials, small amount of precious metals such as gold and silver materials, copper, aluminum and other non-ferrous metal materials manually suppressed

Specifications

Model	100mm Width Manual Rolling Press Machine MR-SG100L
Warranty	2 years limited manufacture warranty with lifetime support
Structure	1. Heavy duty steel frame, gears and handle 2. Φ96mm Dia. x 100mm width Rollers made from hardened tool steel (HRC > 60) with Cr electroplated coating 3. Dual micrometer for accurate thickness adjustment in the range 0 - 2mm Maximum
Roller	Dimensions: 96mm(Dia.) x 100mm(W) Material: Made from hardened tool steel (HRC > 60) 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	Max 100mm
Product Dimensions	L350mm*W240mm*H350mm
Weight	45kg

Application Notes	This roller is specially designed for battery R&D in terms of its advantages as affordable, compact and precise.			
	1 Must use alcohol 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 W * 260mm L	0.205mm	0.09mm
	LiMn2O4 double sides	50mm W * 260mm L	0.205mm	0.09mm
	Copper foil +Graphite (single side)	75mm W * 240mm L	0.09mm	0.04mm
Sample testing is available upon customer's request				



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