

Coin Cell Assembly Machine 3 - 24mm Coin Cell Disc Cutter For Separator Punching

Our Product Introduction

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Basic Information

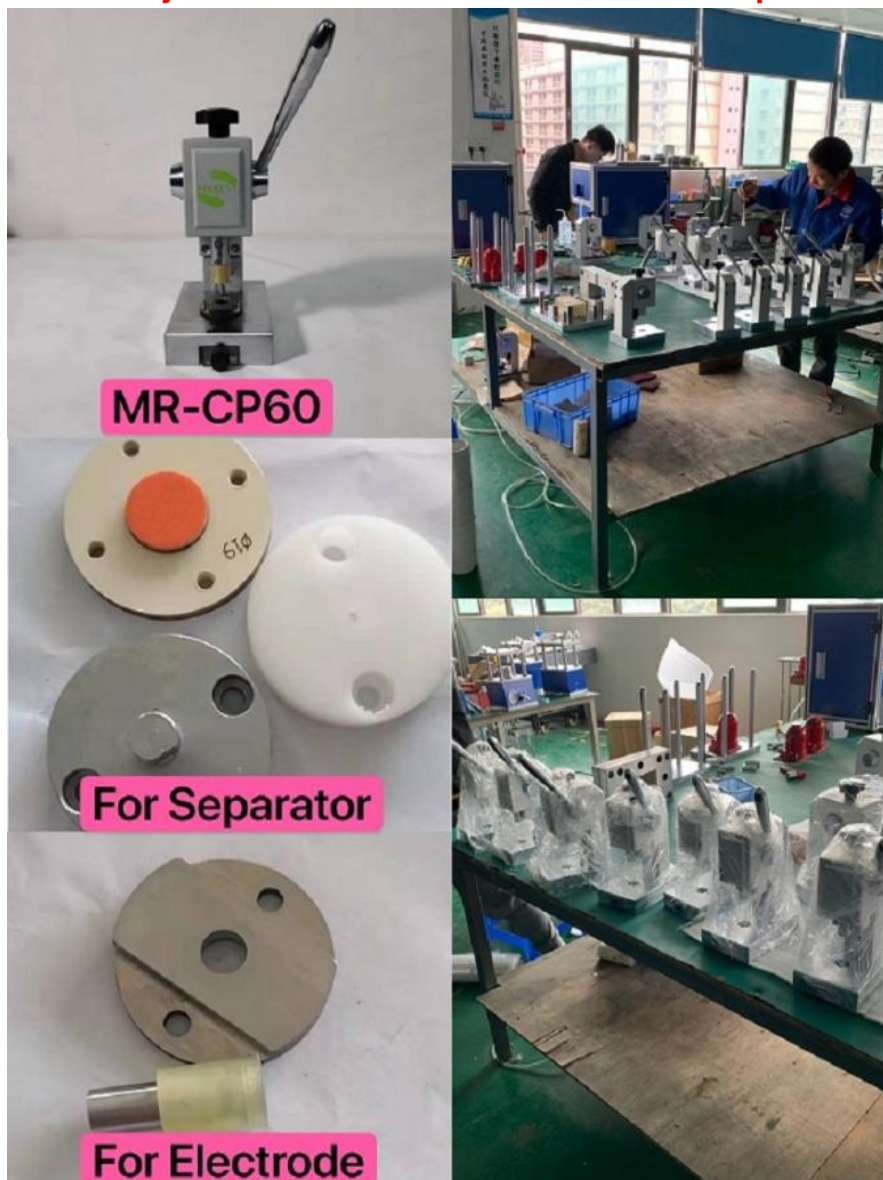
- Place of Origin: China
- Brand Name: MRBEST
- Certification: CE
- Model Number: MR-CP60
- Minimum Order Quantity: 1 Set
- Price: Negotiable
- Packaging Details: Standard Export Wooden Packing
- Delivery Time: 7-20 working days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 500 sets per month



Product Specification

- Name: Coin Cell Disc Cutter
- Cutting Die: Optional 3 - 24mm Customized Dies Are Available Upon Request
- Structure: Adopt Aluminum Alloy Corrosion-resistant Material And Never Rusts.
- Max. Stroke Length: 25mm
- Product Dimensions: 110mm(L) X 160mm(W) X 350mm(H)
- Net Weight: 6kg
- Application: For Coin Cell Electrode & Separator Cutter
- Compact Size: Can Be Put Into Glovebox Through Air Lock Chamber
- Highlight: **Punching Coin Cell Assembly Machine,
3mm Coin Cell Disc Cutter,
24mm Coin Cell Disc Cutter**

Coin Cell Assembly Machine Coin Cell Disc Cutter for Separator Punching



Model:MR-CP60

MR-CP60 is a compact disc cutter with quality sliding rail with ball bearing for precision cutting. It can be easily placed into a glove box with a transition chamber diameter larger than 200mm. This tool is manually operated and is designed for cutting round discs from a thin metal sheet/foil (< 0.5 mm) or separator film (<30um). The resulting discs can be used as electrode/separator discs of split test cell and coin cell for battery researchers as well as TEM sample preparation.

Cutting Die: 3 - 24mm Optional

Main features

- *The upper punch adopts high-precision slide guide, high punching precision, no burrs, burrs and indentations.
- * Can cut a variety of battery materials from 0.005 to 0.5mm thick.
- * Small size, easy to operate, flexible and fast to use, can pass freely in the glove box over $\Phi 200$ mm in diameter.
- * Exquisite and beautiful appearance, easy to clean and maintain, and small size.
- *The body is made of aluminum alloy corrosion-resistant material, never rust.

Specifications:

Structure	Adopt aluminum alloy corrosion-resistant material and never rusts.
Cutting Die	· Optional 3 - 24mm customized dies are available upon request
Max. Stroke length	· 25mm
Product Dimensions	· 110mm(L) x 150mm(W) x 235mm(H) · Compact size which can be put into glovebox through air lock chamber
Warranty	· One year limited manufacturer warranty with lifetime support. · Rusting and damage due to improper storage condition or maintenance are not covered by warranty.

Application Notes	<ul style="list-style-type: none"> · If you are going to make CR2016, CR2025 or/and CR2032 coin cell batteries, you will need at least three cutting dies: <ul style="list-style-type: none"> o 16mm (for negative side case, which is 16.5mm in diameter) o 19mm (for positive side case, which is 20mm in diameter) o 20 mm (for separator to fully separate the electrodes in both negative and positive cases) · For CR2450 coin cells, a 20mm cutting die can be used for cutting electrode discs and the 24mm cutting die can be used for cutting either electrode discs or separator discs (the 24mm cutting die can be purchased as optional die) · Separator discs must be large enough to fully separate the positive and negative electrodes to avoid short-circuit inside the coin cells · Warning: You must pay great attention to install die or change die from one size to another. The tolerance of precision die is very little. Please contact us if you have any question. · Misalignment will result die damage. Please read operation manual and watch instruction video carefully when changing die. MRBEST is not responsible for the damage caused by misoperation.
Net Weight	6kg
Tool Included	M5 wrench 1pc
Disc Collection Box:	Anti-static, ABS material
Shipping Dimension	270*220*380mm
Gross Weight	10kg

Instructions

Punching: Place the material to be punched on the lower template and shake the hand lever. The upper punch moves down into the lower mold, cuts the material, and removes the cartridge.

Maintenance methods and precautions

1. After each use, wipe the mold and the body parts with a clean cloth dipped in alcohol. Apply anti-rust oil when not use
2. Always wipe the guide rails and other moving parts to keep it clean, and lubricate and keep the movement smooth.
3. Regularly check the screws, nuts, pins and other fasteners on all parts of the punching machine to prevent loosening and prevent the quality accidents and personal accidents of the punching machine.



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