



## Laboratory Hydraulic Coin Cell Machine Manual Coin Cell Crimper high precision

### Our Product Introduction

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#### Basic Information

- Place of Origin: China
- Brand Name: MRBEST
- Certification: CE
- Model Number: MR-SF120
- Minimum Order Quantity: 1 Set
- Price: Negotiable
- Packaging Details: Standard Export Wooden Packing
- Delivery Time: 7-15 working days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 500 sets per month



#### Product Specification

- Name: Hydraulic Coin Cell Crimping Machine
- Standard Crimping Die: CR20XX Crimping Die
- Operation: Manual
- Pressure: Max. 8T
- Dimension: 223 \* 170 \* 325mm
- Weight: 25kgs
- Highlight: **Hydraulic Coin Cell Machine,  
Laboratory Coin Cell Machine,  
Manual Coin Cell Crimper**

## Product Description

### Hydraulic Coin Cell Crimping Machine For CR20XX Series Button Battery Lab Research



**Model:** MR-SF120

It is mainly used in the research and development of laboratory battery materials for button battery, capacitor research and sealing, and can also be used for small batch trial production in factories. Different molds can be used for battery disassembly, pole piece pressing, battery compaction and other operations.

**Applications:**

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

**Main Features**

- \* The lower die adopts high-precision positioning ring limit to control the height of the battery package, so as to avoid damage to the sealing cup in case the package pressure is too large and unstable.
- \* The inner ring of the upper mold sealing cup is provided with a screw spring top center mechanism to ensure that the battery cannot be removed when the battery is sealed. Just twist the top screw to force the button battery out.
- \* Built-in safety overflow valve, can adjust the pressure as needed, and can set the upper pressure limit to prevent damage caused by excessive pressure caused by misoperation, ensuring the safety of the machine.
- \* Inline pressure gauge can observe and accurately control the sealing pressure.
- \* Hydraulic drive, pressure up to 8T, battery seal without vibration, no leakage.
- \* Specially designed hydraulic structure for low effort.
- \* Precise mold design ensures accurate and reliable sealing and solid steel structure design, stable and safe to use.
- \* Small size, easy to operate, can be placed in the glove box.
- \* Beautiful appearance, easy maintenance, small size, convenient operation, accurate molding and so on.

**Specifications:**

|                             |   |
|-----------------------------|---|
| Model                       | Hydraulic Coin Cell Crimping Machine MR-SF120   |
| Features                    | Heavy duty steel frame<br>PTFE Anti-Corrosion Core prevents coin cells from being short-circuited   |
| Crimping Die                | One set of crimping die for CR2032, CR2025, and CR2016<br>Die is consumable, please contact supplier to order replacement if need.<br>100 sets Coin cell cases (CR2032 cases) are included in the package for testing and immediate use<br>Optional die available from product option for crimping CR2325, CR2450, AG3, AG5 |
| Pressure                    | Max. 8 metric Tons hydraulic pump with automatic pressure relief<br>Recommended CR20XX series coin cell sealing pressure: 850 - 1000psi<br>Effective piston area: 11.34 cm <sup>2</sup>   |
| Product Weight & Dimensions | Net Weight: 26 kg (58 lbs)<br>223 * 170 * 325mm   |
| Compliance                  | CE Certified  |

|                              |   |
|------------------------------|---|
| Warranty                     | One Year limited warranty with lifetime support (Rusted and damaged parts due to improper storage condition or maintenance are not covered by warranty)   |
| Maintenance & Equipment Care | Electrolytes are highly corrosive materials, therefore, the die set must be cleaned with ethanol after the completion of each experiment in order to avoid any corrosion damages. Also turn the hydraulic valve to Lock position when not in use.<br>Please be aware of that MREBEST will not be liable for any losses/damages from improper use, improper care & maintenance and abuse of the product. |
| Application Notes            | Attention: The built-in small hydraulic pump is not designed for holding high pressure. The pressure inside will be released gradually after reaching 50~80 Kg/cm <sup>2</sup> , (which is sufficient for assembling the coin cell).<br>Access to the Over-pressure limit screw by removing the front panel   |
| Package Size and             | 360*320*430mm   |
| Gross Weight                 | 35kg  |

#### 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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