



# Ribao CS-600B High Speed Coin Counter Operating Manual

[Home](#) » [RIBAO](#) » Ribao CS-600B High Speed Coin Counter Operating Manual 

## Contents

- [1 Ribao CS-600B High-Speed Coin Counter](#)
- [2 Introduction](#)
- [3 Specifications](#)
- [4 Key Panel](#)
- [5 Precautions](#)
- [6 Operating Procedures](#)
- [7 Set up the Coin Bag Holder & Coin Tube Holder\(Optional\)](#)
- [8 Troubleshooting](#)
- [9 Accessories](#)
- [10 FREQUENTLY ASKED QUESTIONS](#)
- [11 VIDEO – PRODUCT OVERVIEW](#)
- [12 References](#)
- [13 Related Posts](#)



**Ribao CS-600B High-Speed Coin Counter**



### Service Contact:

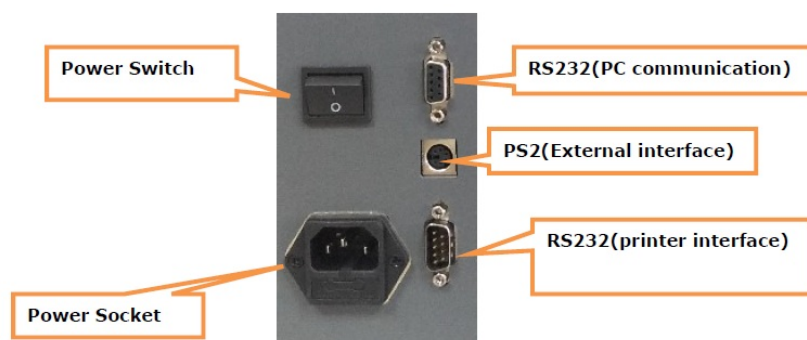
### Ribao Technology (USA) Inc.

- **Address:**15151 Surveyor Blvd Ste B I Addison, TX 75001
- **Email:**
  - [info@ribaotechnology.us](mailto:info@ribaotechnology.us);
  - [jameswang@ribaotechnology.us](mailto:jameswang@ribaotechnology.us)
- **Telephone:**+1 (469)206 6052 Mob:+1 (206)406 7653



### Introduction

CS-600B is a coin sorter with an accurate batch function designed and produced by our company. We adopt high speed, low noise, and high-resolution CCD image sensors, ensuring to separate different denomination coins with 0.2mm diameter difference(without wearing) which ensures more accurate sorting of the coins. CS-600B can sort 6 kinds of coins at the same time. The printer, external display, or computer can be connected through an RS-232 socket, all data can be printed out at any time.



## Specifications



Sorting speed	approx. 600coins/ min
Hopper capacity	approx.600pcs
Coin denomination	diameter 14-33mm
Coin thickness	1-4mm
Sorting number	1-6 different coins
Dimension	510×280×320mm
Weight:	16Kg
Power Consumption	45W
Power Supply	AC 120V ± 10%, 60Hz
	or AC 220V ± 10%, 50Hz
Display	8 Digits LCD Display
Ambient Temperature	0-40C°
Humidity	30-75%

## Key Panel



### Key Function:

1. **START/STOP:** Start and Stop

2. **HOME:** Back to the main interface
3.  and  Select the list of different Channels/memory units
4. **CLR:** Clear
5. **SET:** Debug reserve key
6. **VALUE/COUNT:** To switch the display mode between quantity and amount
7. **BAT:** Batch setting
8. **MT:** Memory
9. **MR:** Memory Reading
10. **M+:** Accumulate the current counted number with previous data and save
11. **PRINT:** Print the list of quantity, value of coins
12. +1000, +100, +10, +1: Numeric keys





### Display modes:

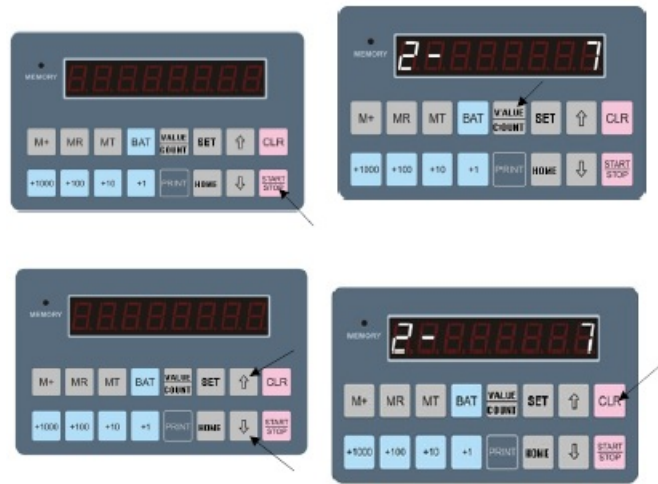
1. **Amount display:** 0.00, with decimal point
2. **Quantity display:** 0, no decimal point
3. **Total display:** 0, No Channel number
4. **Single Channel display:** 1-0, With Channel number "1-"

### Precautions

- Use the power cable and communication cable supplied with this machine.
- Unplug the machine before moving it.
- Avoid operation under direct sunlight.
- Do not place your head, hand, tools and clothes near the hopper to avoid injury and malfunction of the machine.
- Don't open the cover during operation.

### Operating Procedures

- Turn on the power switch the display shows the amount as right picture, with decimal point.
- Press START/STOP to start, the machine automatically enters into amount display mode, with decimal point. After start, the motor rotates and counting starts.
- In Single channel modes, press   key to select different channels. In Amount display modes   keys are void.
- In single channel modes, press START/STOP key to return to quantity display and motor rotates and starts to count.
- Press VAL key to switch between amount and quantity.
- **Data clearance:**
  - In single channel modes, press CLR to clear the data of this channel only;
  - In total mode, press CLR key to clear all the data



- **Data save:**

- Press MT key to save the data and the indicating lamp is on
- If the indicating lamp is ON, it means the channel is with data saved inside;
- In single channel modes, press MT to save the data of this channel only;
- In total mode, press MT to save the data of all the channels.

- **Read the memory data:**

- In single channel modes, press MR to read out this channel only;
- In total mode, press MR to read the total.

- **Memory Clearance:**

- First press CLR key to clear the current data;
- Then press MT to clear data. After data is removed, the indicating lamp will be OFF.

- **Accumulation saving:**

Press M+ key to accumulate the current data with the previously counted data, then save it and the display is zero.

- **Similar to data saving procedure:**

In single channel modes, accumulate only the data of this channel;

- In total mode, accumulate the data in all the channels.



- **Batch setting:**

Press BAT key to enter into batch setting mode.



**Note** 1)After you set the each channel's batch number, when the machine reaches the batch number, the motor will stop and the display will show which channel has reached the batch number, same as the right picture. It blinks to display the first channel that has reached the batch number, if the blinking still goes on, it means other channel may also have reached the batch number. After noting down, press START/STOPKey, it displays the next channel that reaches. When there is no other channel reaches the batch quantity, it willdisplay normally. Press START/STOP Key, the machine starts to work again.

As it is a rail sorter, when batch number is reached, the motor will stop, but there are still some coins in the passage, and these coins finally roll into the drawer. The machine will display the actually counted number.

- **Batch setting procedure:**

Press CLR to clear to Zero; +1000 +100 +10 +1 keys are for batch number setting:

1. +1000 is 1000, +100 is 100, +10 is 10, +1 is 1;
2. One press increase the digit by 1. e.g. press +1 key once is

- **1, double press is 2;**

- Press and to switch channels. After setting is OK, exit as follows;
- Press BAT key to exit and enter into total quantity display mode;
- Press START/STOP key to exit and enter into standard mode.

- **Value setting:**



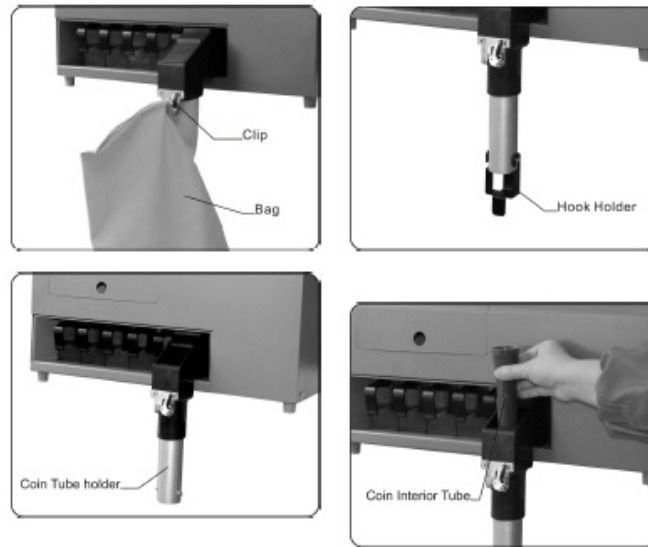
- Keep pressing VAL key and turn on the power to enter into value setting mode.
- Press CLR key to clear to Zero;
- +1000 +100 +10 +1 keys are for value setting:
  1. +1000 is 10, +100 is 1, +10 is 0.1, +1 is 0.01;
  2. One press increase the digit by 1. e.g. press +1 key once is

- **0.01, double press is 0.02;**

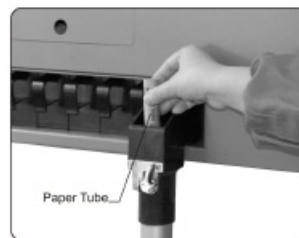
- Press and to select different channels.
- After setting, press VAL key to exit and enter total display.

## Set up the Coin Bag Holder & Coin Tube Holder(Optional)

- Install the Coin Bag and fix with the clip.
- Rotate and hang the Coin Tube Holder.
- Install the Hook Holder on the Coin Tube Holder.
- According to the denomination of the coin you will count, please select the Coin Interior Tube and Paper Tube.  
Drop the Coin Interior Tube down into the Tube Holder.



- Put the Paper Tube into the Coin interior Tube and the Paper Tube will be held by the Hook Holder
- According to the coin quantity of each paper tube, set the batch number (in batch counting mode), then start counting. The machine will stop when the counting number reaches the batch quantity. All the counted coins will drop into the Paper Tube, push the Hook Holder backward, take out the Paper Tube with all counted coins inside, then seal the open side of the paper tube manually.



## Troubleshooting

During counting, error may occur and it will display error information(same as below picture), and motor stops.



- When Error1 occurs, it means the front cover welding is open, and close the front cover welding back to the normal coin counting procedure.
- When Error2 occurs, it means some coins may be jammed on CIS sensor , please remove the coins. Press CLR key to return to normal working status.
- When Error3 occurs, it means some coins may be jammed on the rail, please remove the coins. Press CLR key to return to normal working status.

**Notes:** If foreign object blocks the rail, the coins may not be able to drop into the correct drawer, thus causing the counting result not accurate. Therefore, please check and remove all the foreign objects which are mixed into the coins before sorting.

### Daily Maintenance

- Be sure to turn the main power off before attempting daily maintenance.
- Clean the coin rail at least once a day with a brush.
- Clean the disc at least once a day with a brush.
- If the machine needs maintenance or spare parts, please contact your local distributor.

### Accessories

1. Power Cable 1 pc
2. Tray 1pc
3. Nylon Brush 1pc
4. Cotton Bag 2pcs
5. Coin Tube Set 2sets
6. Tube Holder 1pc(Optional)
7. Coin Interior Tube(for US coins) 1set(4pcs)(Optional)
8. Hook Holder 1pc(Optional)
9. Printer 1pc(Optional)

In the interests of our ongoing policy of continual product improvement, specifications are subject to change without prior notice.

### FREQUENTLY ASKED QUESTIONS

What is the Ribao CS-600B High-Speed Coin Counter?



The Ribao CS-600B is a high-speed coin counter designed for efficiently counting and sorting large volumes of coins. It is commonly used in financial institutions, retail businesses, and other environments where accurate coin counting is essential.

How does the Ribao CS-600B Coin Counter work?

The Ribao CS-600B uses advanced technology to quickly and accurately count coins. It typically employs a combination of sensors, sorting mechanisms, and advanced algorithms to rapidly process and organize coins by denomination.

What types of coins can the Ribao CS-600B count?

The Ribao CS-600B is designed to count a wide range of coins, including various denominations and currencies. It can be configured to handle different coin sizes and types, providing flexibility for users with diverse counting needs.

Is the Ribao CS-600B suitable for high-volume coin counting?

Yes, the Ribao CS-600B is specifically designed for high-volume coin counting. Its high-speed capabilities make it efficient for processing large quantities of coins quickly, making it ideal for businesses that deal with substantial coin volumes.

What is the counting speed of the Ribao CS-600B Coin Counter?

The counting speed of the Ribao CS-600B may vary, but it is typically designed to count coins at a high rate per minute (CPM). Users can refer to the product specifications for precise details on the counting speed.

Can the Ribao CS-600B sort coins by denomination?

Yes, the Ribao CS-600B is equipped with sorting capabilities, allowing it to organize coins by denomination during the counting process. This feature enhances efficiency and reduces the need for manual sorting after counting.

Is the Ribao CS-600B easy to operate?

Yes, the Ribao CS-600B is typically designed with user-friendly features, making it easy to operate. It often includes an intuitive interface and simple controls, ensuring that users can efficiently use the coin counter with minimal training.

What is the hopper capacity of the Ribao CS-600B?

The hopper capacity of the Ribao CS-600B may vary, and it determines the number of coins that can be loaded into the machine for processing. Users should refer to the product specifications for information on the hopper capacity.

Can the Ribao CS-600B detect counterfeit coins?

The Ribao CS-600B is primarily designed for accurate counting and sorting rather than counterfeit detection. Users requiring counterfeit detection capabilities may need to explore dedicated counterfeit detection machines or devices in addition to the coin counter.

Is maintenance required for the Ribao CS-600B Coin Counter?

While specific maintenance requirements may vary, the Ribao CS-600B is generally designed for durability and reliability. Regular cleaning and adherence to maintenance guidelines provided in the user manual can contribute to optimal performance.

Can the Ribao CS-600B be used for international currencies?

The Ribao CS-600B can often be configured to handle various currencies, including international ones. Users should check the product specifications and consult with the manufacturer or distributor to ensure compatibility with specific coin types and denominations.

What safety features does the Ribao CS-600B include?

The Ribao CS-600B may include safety features such as automatic stop mechanisms to prevent jams, user authentication, and secure access controls. These features contribute to the safe operation of the coin counter.

Is technical support available for the Ribao CS-600B?

Many manufacturers offer technical support and customer assistance for the Ribao CS-600B to address setup, usage, and troubleshooting questions. Users can reach out to the manufacturer's support channels for assistance.

Can the Ribao CS-600B be used for coin packaging?

The primary function of the Ribao CS-600B is coin counting and sorting. While it may not have built-in features for packaging, the accurately counted and sorted coins can be easily transferred to packaging containers or other storage solutions.

Is the Ribao CS-600B suitable for use in banks?

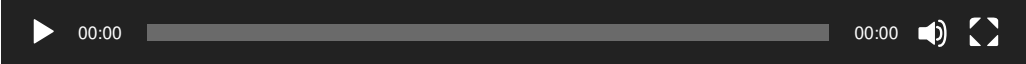
Yes, the Ribao CS-600B is often suitable for use in banks, providing efficient coin counting capabilities. Its high-speed and accurate counting features make it valuable for financial institutions dealing with large volumes of coins.

Can the Ribao CS-600B be used in retail environments?

Yes, the Ribao CS-600B is suitable for use in retail environments where coin handling and counting are integral to daily operations. Its efficiency in counting and sorting coins can enhance productivity in retail

settings.

VIDEO – PRODUCT OVERVIEW



[Download the PDF link: Bitap CS-600B/1h Speed CS-600B High-Speed Manual Coin-Counter-Operating-Manual.mp4](#)

References

- [User Manual](#)