

RIBAO TECHNOLOGY CS-610S+ Pro

Ribao CS-610S+ Pro 7-Pocket Professional Coin Counter User Manual

Model: CS-610S+ Pro | Brand: RIBAO TECHNOLOGY

1. INTRODUCTION

The Ribao CS-610S+ Pro is a heavy-duty, bank-grade 7-pocket professional coin counter and sorter designed for efficient and accurate processing of mixed coins. It features advanced alloy sensor technology for reliable counterfeit detection and boasts a low-noise operation for a comfortable working environment. This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your device.

Key Features:

- **High Quality & Low Noise:** Constructed with a durable metal structure for a long service life (at least 5 years) and low maintenance. Vibration-absorbing materials and closed structures minimize operational noise.
- **Accurate Detection & Efficient Counting:** Utilizes the latest alloy sensor technology for precise counting at speeds of approximately 400-600 coins per minute. Supports coins with diameters between 14-31mm and thickness up to 3.5mm.
- **Multi-Currency Support:** Capable of supporting up to 33 currencies through software updates.
- **User-Friendly Operation:** Features an intuitive interface for easy operation, even with minimal training.
- **Easy Maintenance:** Designed with an oblique rail structure, and openable front cover and sliding bucket welding parts for convenient daily cleaning and maintenance.
- **Software Updatable:** Software can be easily updated via a USB port.
- **Two-Year Service:** Includes a 2-year free repair service.



Figure 1: The Ribao CS-610S+ Pro 7-Pocket Professional Coin Counter.



Figure 2: Key features of the Ribao CS-610S+ Pro, including accuracy, intelligent identification, preset function, large capacity, sturdiness, and compatibility with cloth and paper bags.

2. SETUP GUIDE

2.1 Unboxing and Initial Inspection

Carefully remove the coin counter from its packaging. Inspect the unit and all included accessories for any signs of damage. The package should contain:

- Ribao CS-610S+ Pro Coin Counter
- Presorting Tray
- Coin Bag (2 pcs)
- Brush
- CD (User Manual)
- Power Cable

- Coin Bag Adaptor (2 pcs)



Figure 3: All components included with the Ribao CS-610S+ Pro.

2.2 Power Connection

Connect the power cable to the power socket on the back of the machine. Ensure the power switch is in the OFF position before connecting. Once connected, you can turn on the power.



Figure 4: Rear view of the machine, highlighting the power switch, power socket, and various communication ports (RS232-Male, RS232-Female, PS2, USB, LAN).

3. OPERATING INSTRUCTIONS

3.1 Sorting Mixed Coins

1. Ensure the machine is powered on.
2. Carefully pour the mixed coins into the hopper at the top of the machine. The hopper capacity is approximately 600 coins.
3. Press the **START** key on the control panel. The machine will begin the sorting process.
4. Wait until the motor stops and all coins have been sorted into their corresponding pockets.
5. Once sorting is complete, you can retrieve the sorted coins from the individual denomination pockets.



Figure 5: Pouring mixed coins into the machine's hopper for sorting.



Figure 6: Sorted coins neatly separated into their respective denomination pockets after processing.

3.2 Understanding the Display and Sensors

The CS-610S+ Pro features an LED screen for clear display of information and utilizes an alloy sensor for accurate coin detection and counterfeit identification.

LED SCREEN

Clear display of content at long distances and different angles

CONTENT
More diverse

EFFECT
More Clear



Figure 7: The clear LED screen provides diverse content and a clear display, visible from various angles and distances.

ALLOY SENSOR

Determine the denomination of a coin by judging its material parameters

ACCURACY

Higher

**ABILITY TO DETECT
COUNTERFEITS**

Stronger



Figure 8: The advanced alloy sensor accurately determines coin denominations based on material parameters, enhancing accuracy and counterfeit detection capabilities.

MODEL

610S

VS

MODEL

600B



Alloy sensor

Alloy sensors can determine the denomination of coins by judging their material parameters, which is more accurate and has strong anti-counterfeiting capabilities



SENSOR

CIS sensor



The denomination can only be determined by the diameter of the coin

Led screen

LED screens can display richer content and clearer display effects. Compared to digital tube screens, LED screens can clearly display content at long distances and different angles



SCREEN



Digital tube screen

Figure 9: Comparison highlighting the superior alloy sensor and LED screen of the Model 610S+ Pro compared to the Model 600B's CIS sensor and digital tube screen.

3.3 Pre-setting Denominations

The machine allows for individual pre-setting of each coin denomination, providing flexibility for specific counting needs.



Figure 10: The machine's capability to individually pre-set each denomination for customized counting and sorting.

3.4 Official Product Video: How to Sort Mixed Coins

Your browser does not support the video tag.

Video 1: This video demonstrates the step-by-step process of how to sort mixed coins using the Ribao CS-610S+ Pro coin sorter, from unboxing to operation.

4. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Ribao CS-610S+ Pro. The machine is designed for easy access to internal components for cleaning.

4.1 Cleaning Procedures

The oblique rail structure, front cover, and sliding bucket welding parts can be opened to facilitate daily cleaning. Use the provided brush to remove any dust or coin residue from the internal mechanisms and sensors.

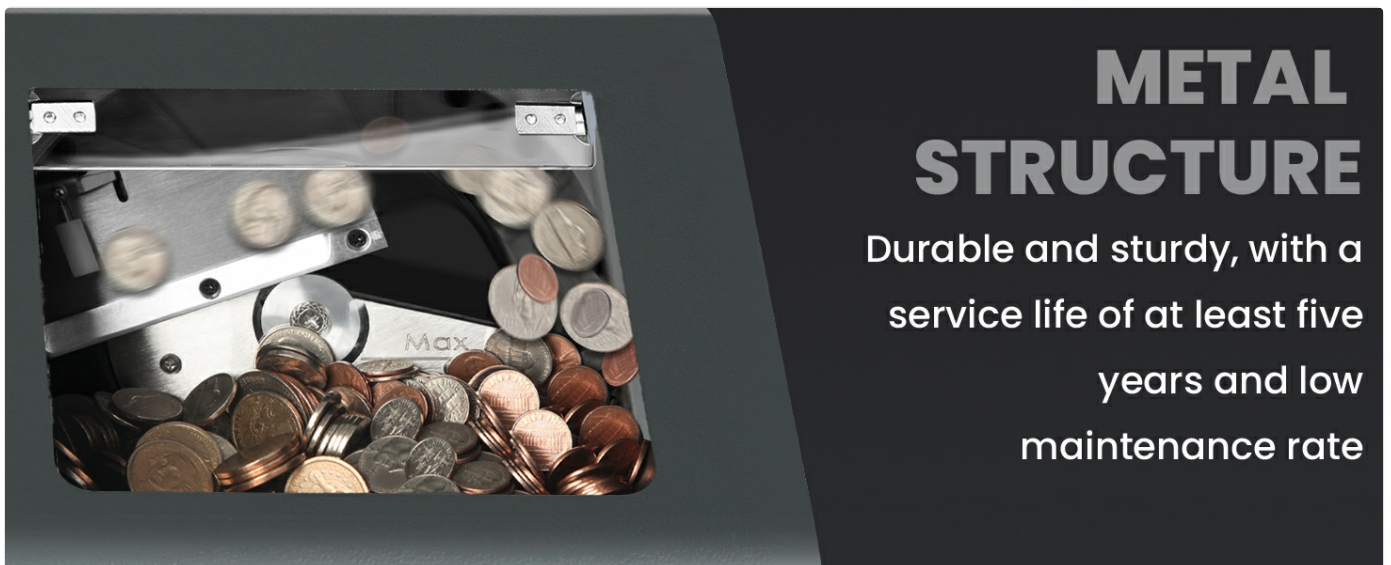


Figure 11: Demonstrating the ease of cleaning the internal components of the coin sorter.

5. TROUBLESHOOTING

If you encounter any issues with your Ribao CS-610S+ Pro, please refer to the following general advice. For specific error

codes or persistent problems, consult the full user manual on the included CD or contact customer support.

- **Counting Inaccuracies:** Ensure the machine is clean and free of debris. Verify that coins meet the specified diameter (14-31mm) and thickness (up to 3.5mm) requirements.
- **Machine Not Starting:** Check that the power cable is securely connected and the power switch is in the ON position.
- **Software Issues:** Software can be updated easily through the USB port. Refer to the detailed instructions for software updates.
- **Unusual Noise:** While designed for low noise, excessive or unusual sounds may indicate a need for cleaning or inspection of internal components.

6. SPECIFICATIONS

Feature	Detail
Model Number	CS-610S+ Pro
Brand	RIBAO TECHNOLOGY
Item Weight	50.2 pounds
Product Dimensions	20.08 x 11.02 x 14.02 inches
Material Type	Polycarbonate (with metal structure)
Hopper Capacity	Approx. 600 coins
Counting Speed	400-600 coins/minute (depending on coin size)
Countable Coin Diameter	14-31mm
Countable Coin Thickness	Up to 3.5mm
Supported Currencies	Up to 33 (via software update)



Figure 12: The robust metal structure ensures durability and a long service life.



Figure 13: Vibration-reducing materials and enclosed structures contribute to significantly reduced operational noise.

7. WARRANTY AND SUPPORT

The Ribao CS-610S+ Pro comes with a **2-year free repair service**. For any questions regarding the product or its operation, please feel free to contact us through email via your Amazon order page. Our technical support team is ready to assist you.

For additional information and resources, you may visit the official [RIBAO TECHNOLOGY Store on Amazon](#).

© 2024 RIBAO TECHNOLOGY. All rights reserved.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question