

AMROTEC[®]

USER MANUAL



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1. Getting Started

Congratulations on your purchase of our **AMROTEC®** YB-130A Heavy-Duty Coin Counter. **Important!** Save the original Box and all packing material for future shipping needs. Before you operate the machine, please read this manual carefully.

Do not operate the machine until you understand the contents of this document. Should you have any questions, please contact with your local distributor or sales agent for further advice.

WARNING ITEMS!

Installation

- Do not turn over or subject the machine to strong impact.
- Select a level place, which is not subject to vibrations for installation of the machine since there is risk of machine being tipped over by strong vibrations.
- Avoid installing in place with high humidity or where water may drip on the machine.
- Use the machine where as outlet is provided nearby and power supply plug can be easily taken out.
- Do not drop the machine. Dropping of the machine may cause breakdown of the machine or pose risk of fire and other damages.

Power Supply

- Use the ac cord attached to the main unit.
- The machine should only be connected to main socket with proper grounding and correct voltage.
- Please turn off the power switch and unplug the power cord before open the covers if needed or when the machine is not in use.
- Be sure your hands are dry when removing the plug.

Installing Near Flammable Inhibited

- **DO NOT INSTALL THE MACHINE WHERE EXPOSED OILY SMOG AND STREM SUCH AS NEAR THE COOKING TABLE AND HUMIDIFIER. SUCH MAY CAUSE FIRES OR RECEIVING OF ELECTRIC SHOCKS.**

2. Introduction

AMROTEC® YB-130A heavy-Duty Coin Counter is mainly used for counting and sorting Coins in Banks, Retail Stores, Amusement Facilities, payphone business. You can easily roll or bag counted coins into standard paper wrappers or coin bags using the accessories provided. Two independent adjustments for Coin Diameter and Thickness knob make YB-130A Series Universal. The YB-130A is the perfect solution for fast, accurate and reliable coin counting.



Model: YB-130A

Built-In Large Hopper, Easier to use, with and Innovative Sleek Design for Customer Appeal. Model YB-130A will release your from troublesome work that requires superb accuracy & faster speed. In addition to normal counting, adding and batching, this model can also provide advanced functions such as memory storage and last count display, automatic stop and automatic reverse to remove jammed coins. It can continuously count and preset counting number. Various different types of coins can be separately added up and stored. Some of the important features of YB-130A:

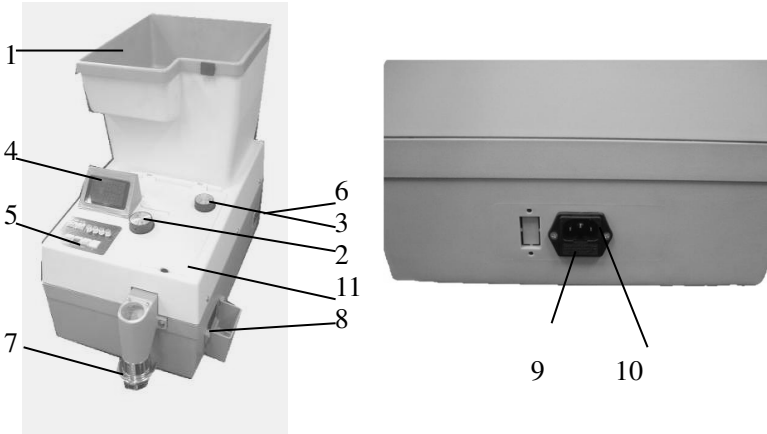
- 1. The solenoid is designed with temperature protector, which will keep the main control board from breaking down and ensure safety of the machine.**
- 2. Adopt the optical coupler to assure accurate counting result.**
- 3. Coin guide system is processed with hard chrome plating-hardness reaching HRC60°.**
- 4. Using IC with microcomputer printed, it assures with more stable and more precise.**
- 5. Adjustable structure in diameter and thickness makes this coin counter available for various denominations.**

3. Technical Specification

MODEL	YB-130A
FEEDING	AUTOMATIC
HOPPER CAPACITY	10,000 COINS
COUNTABLE COIN SIZE	DIAMETER: 14mm~34mm THICKNESS: 1.0mm~3.2mm
SPEED	3,000 COINS/MIN (20mm×t1.5mm) 220V/50Hz
MEMORY	THE NUMBER LASTS UNTIL YOU CLEAR IT
PRESET RANGE	1~9999
POWER SUPPLY	220V / 50Hz (FACTORY PRESET)
POWER CONSUMPTION	90W
DISPLAY	Count 5digits Batch 4 digits
EXTERNAL DIMENSIONS (mm)	350 600 425 W D H
WEIGHT (kg)	19 Kgs (41.5 lbs)

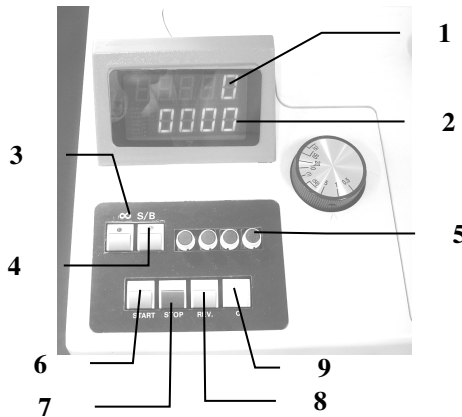
- ***SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT ANY PRIOR NOTICE AND AT OUR DISCRETION.***

4. Diagram



No.	Description	Purpose
1	Hopper	: For putting the coins to be counted
2	Coin Diameter Knob	: Adjust depending on the Diameter of the coin to be counted
3	Thickness Knob	: Adjust depending on the thickness of the coin to be counted
4	Display Panel	: Display the number of counting/set number
5	Function Panel	: For function selection
6	Power SW	: Power switch
7	Coin Chute	: Exit of the coins and where the coin-loading bag fixed.
8	Rejected Coin Box	: Cons smaller than set size reject into the box
9	Fuse-Carrier	: 3 A fuse
10	Power Socket	: Where a power cable connected
11	Lid	While a distorted coin is jammed in the coin path, please open the lid and take out the distorted one.

5. Key Function



FUNCTION AND DISPLAY PANEL

Item	Key	Function
1	Count Display	5 x digits for counting up to 99999
2	Batch Display	4 x digits for batching count
3	Continuous Function [∞]	[∞] Key indicator ON indicates that machine is in continuous counting mode.
4	Set Batch Key [S/B]	[S/B] Key indicator ON indicates that the machine is in Batch mode.
5	Batch Preset Keys	Four Keys for setting desired batch number
6	[START]	[START] key to start counting and resume counting during batch count
7	[STOP]	[STOP] key is to stop counting operation
8	[REV]	[REV] key is to reverse motor rotation. Mostly used during coin jamming situation
9	[C]	[C] key to view accumulated count number at any time. [C] key is also used for clearing the accumulated count by pressing with [∞] key together
10	[C] + [S/B]	Press [C] + [S/B] to clear the batch number

6. Operating Instruction

PREPARATION:

- Before plug-in for power supply, make sure of the right voltage specification for this machine.
- Adjust the diameter knob and the thickness knob for the coins to be counted.
- If different sizes of coins to be counted at the same time, start with the ones having the largest diameter.
- Select the diameter knob for the coins to be counted. (Fig. 1)
- Load the rejected coin box. (As shown in Fig.3)
- Use clamp to hold the coins loading bag onto the coin chute of this machine. (As shown in Fig.2)
- Feed the coins: pour the coins into the hopper while looking for any foreign material or distorted coins to prevent from jamming.
- Turn on the power Switch ON. All the indicators on the display will be on lasting for three seconds to leave only the [∞] LED while the counting display will appear “0”.

Note: If the display is dim and the [∞] LED blinks after power is turned on, it indicates the sensor is blocked. Refer to the “Troubleshooting for Jam”.



FIG-1

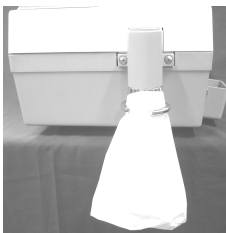


FIG-2

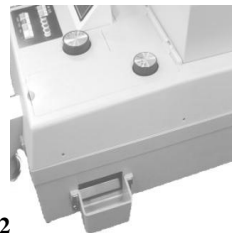


FIG-3

6. Operating Instruction

1. Continuous Counting Mode

When the machine is first turned on, display automatically shows the previous individual counting result which saved in the memory. This is not the accumulated count results (grand Total), but the individual last count.

For example:

- a. The previous counting was under **【∞】** continuous function. When the machine is turned on again, last counting number appear on the bottom 4 digits LED.

To press **【C】** key for the accumulated count which is grand total of all individual counts automatically saved in the memory.



- b. The previous counting is under **【S/B】** set batch function. When the machine is turned on again, the top line 5 digits disappear and the bottom line 4 digits LED shows last preset batch number.

To press **【C】** key for the accumulated count any time.



Last batch was set to 10.

6. Operating Instruction

2. 【S/B】 Batch Counting Mode

- a. Press **【START】** for counting.
- b. The machine will automatically stop when the counting reaches the set number. Bath number flashes on the display.
- c. Press **【C】** key to show the accumulated count anytime.



- d. Press **【START】** to continue the batch counting. (When the machine resume counting, the top line 5 digits LED disappears and the bottom line 4 digit appear the counting number and continue counting until batch number reached.)
 - e. Press **【S/B】** Key to show the Preset batch number.
3. 4 Digits Count Display shows Last Count when machine turns on and user can continue counting from the last count. Press **【C】**key to show the accumulated count on the 9 digits Count display at any time
 4. To press **【∞】** key , then press simultaneously both **【∞】** key and **【C】** key to clear the accumulated count number.
 5. In **【∞】** continuous function, each individual count will be accumulated automatically and saved to the memory. Press **【C】** key to show the accumulated count at any time.

7. Maintenance

1. Keep off any oiling to all parts within this machine to free the belt from damage and coins from getting slippery during operation.
2. Dirt and /or sediments may well be unavoidable to accumulate within the machine after a certain time of counting operation. Thus, it is recommended to regularly clean the wheel, coin path and sensor with a brush while doing the inspection (as show in Fig.12)
3. In case that belt gets slippery, use a piece of cloth dipped with benzene to wipe the belt.
4. Check for worn belt. If wear occurs, replace one to warrant smooth operation.
5. Thanks for using this machine! Please feel free to contact us if further maintenance and operation service are required.

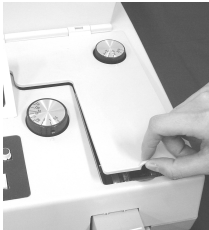


Fig 8

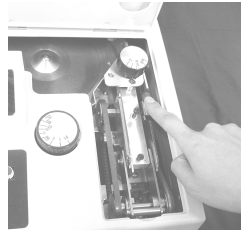


Fig 9

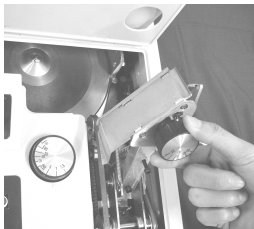


Fig 10

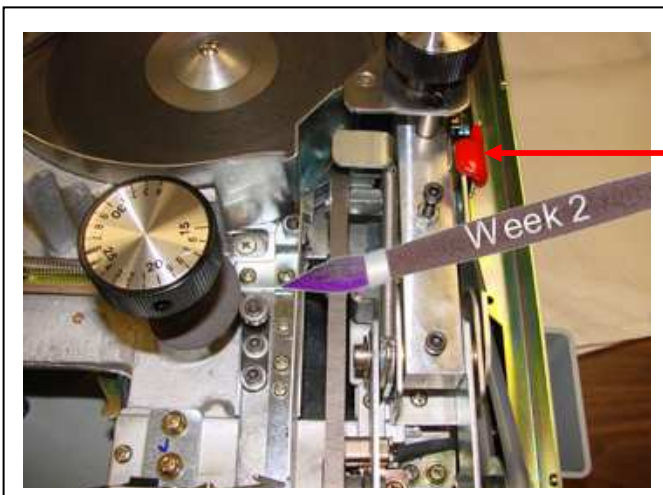
8. Trouble Shooting

In case there are coins in the coin wheel but no coins are discharged from the coin chute, press [STOP], then press [REV.]. If still fails, refer to the following instructions:

1. Check if the coin diameter knob and coin thickness knob are properly adjusted at the proper position.
2. In case various coins with different sizes are to be counted at the same time, make sure to start with the ones with largest diameter.
3. Open up the lid, push forward the connecting rod (Paint in red) and pull up the thickness control knob to remove the distorted coin or foreign material. Reassemble in reverse order after clear off. (As shown in Fig.8, 9, 10)
4. Or, turn counterclockwise the coin diameter knob to let the coins be discharged from the rejected coin box when done, then readjust the coin diameter knob to its proper position.

Note:

It is strongly suggested to have the coins checked before loading to save the complicated trouble shooting in the event of any distorted, or damaged coins and other foreign material invade into this machine.



Connecting (red)

9. Limited Warranty

Congratulations on the purchase of our **AMROTEC®** YB-130A Heavy-Duty Coin Counter. This machine is warranted by the manufacturer for a period of 1 (One) Year from the delivery date to distributor, against defects due to faulty workmanship or materials. This warranty does not cover normal wear of parts or damages resulting from any of the following: negligent use or misuse of the product, use on improper voltage or current, use contrary to operating instructions or disassembly, repair or alteration by any person other than an authorized service center.

Parts repair or replacement under this warranty is only provided upon presentation of reasonable evidence that the date of the claim is within the warranty period and warranty guideline has been satisfied. To obtain warranty for **AMROTEC®** YB-130A Coin Counter, you may contact your distributor or sales representative.

DISCLAIMER:

Warranty remedies limited to only parts repair to replacement and applicable in USA and other countries where AMRO has designated distributors and distributors sold the equipment with properly labeled **AMROTEC®** brand manufactured by Amro-Asian Trade, Inc USA. Manufacturer, distributor, dealer or sales representative of **AMROTEC®** YB-130A Coin Counter shall not be liable for any incidental or consequential damages for breach of any express or limited warranty on this product or any part thereof. Except to the extent prohibited by applicable law, manufacturer, distributor, dealer or sales representative of **AMROTEC®** YB-130A Coin Counter disclaims any implied warranty of merchantability or fitness for a particular purpose of this product or any part thereof.

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