

CONTENT

Unpacking and Checking	1
Panel Layout	2-3
Technical Data	4
Operation Instructions	5-6
How to choose the counterfeit identifying functions	7-8
Caution & Maintenance	9
Troubles&Troubleshooting	10
How to adjust the banknote feeding plate	11
The way to change the spare parts:	11-12

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Unpacking and Checking

After unpacking, please check if the product is in the good conditions and with the complete necessary part as follows.

1. One fuse



One fuse

2. One brush for cleaning



One brush for cleaning

3. Power cord

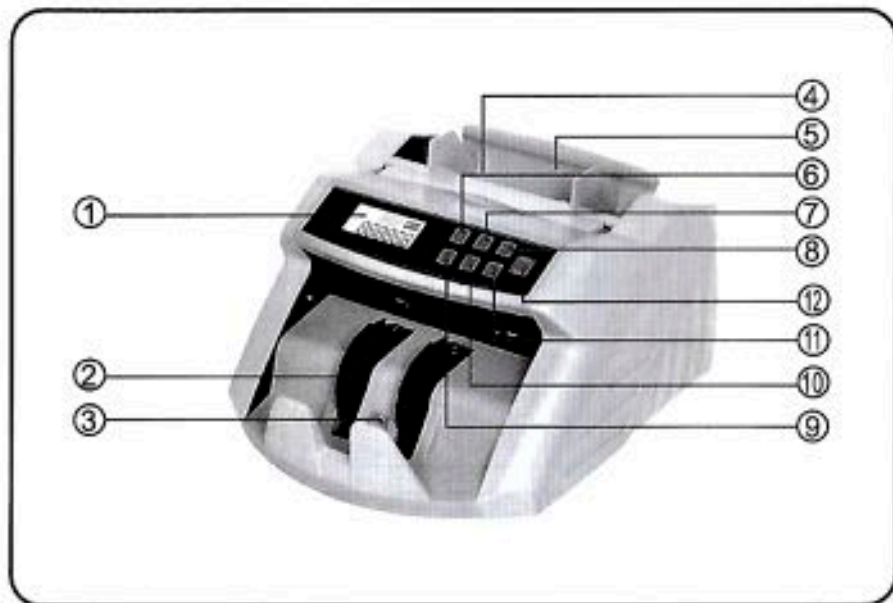


Power cord

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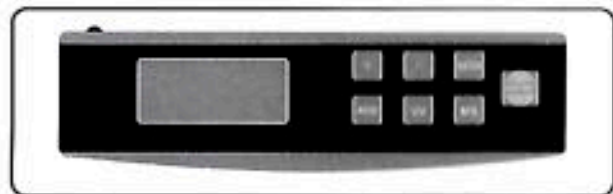
Panel Layout



1. Display
2. Banknote Holding Wheel
3. Banknote Holding Sensor
4. Banknote Feeding Sensor
5. Banknote feeding plate
6. +
7. -
8. BATCH
9. ADD
10. UV
11. MG
12. RESTART

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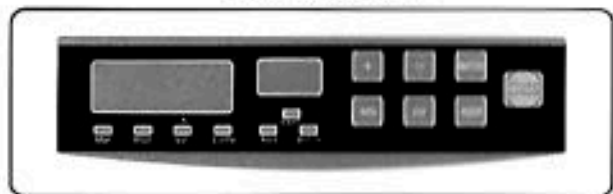
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A: Function: 1.Detect with UV&MG
2.function of count. Batch. Add and
Manual(Auto)Start



B: Function: 1.Detect with UV&MG
2.Function of count.Batch.and Add



C: Function: 1.Detect with UV&MG
2.MG1 and MG2. MG1 is special for USD,
MG2 is for all notes in the world with MG
feature ncies with MG in world
3.Function of count.Batch and Add



D: Function: 1.Detect with UV&MG
2.Function of count. Batch. and Add

Technical Data

Counting Speed	No less than 1000pcs/min
Banknote Range	Length: 110-180mm Width:50-110mm Thickness:0.075-0.15mm
Banknote Piled on Feeding Plate:	15mm
banknote piled on holding Plate:	30mm
Counting Display Range:	1~999
Preset Range:	1~999
power supply:	AC220V(1±10%)60Hz(1±5%) AC110V(1±10%)60Hz(1±5%)
Power Consumption:	<60w
Curret of Fuse:	AC220V 1.5A/AC110V 2A
Ambient Tem:	0°C~40°C
Size:(L×W×H):	292×246×178mm
Weight:	5kg

Operation Instructions

1.First connect this counter by a wire with one end plugged into is socket and the other into the power supply socket (220V or 110V).For the counter with a distance display,please connect it by plugging into the extension socket on the rear cover. Switch on and the counting display starts to show: " 0 ".No sign in the preset display.

For the personal security, please make sure that the power socket is well-earthed.

2.For the purpose of avoiding counting error,please pick out the damaged banknotes as follows.

- | | |
|---|----------------------------|
| a)Banknote pasted up with a slip of white paper | b)Banknote once washed |
| c)Heavily-defiled banknote | d)Broken or split banknote |

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3.The proper operation methods:

First clean up the banknote and divide the banknote according to the different faceValue,place the banknote after twisting to form the even slope.For the piled banknote,please loosen and pat it before placing onto the sliding plate.

Please check the illustration,the Fig. 1 is the right illustration for operation,and the Fig.2 and 3 are the improper illustrations, among which the Fig.2tells the wrong twisted slope and the Fig.3 tells that the banknote has not been Twisted to form the proper slope.



4.Alarm

If the counterfeit banknote was found while counting,the counter would stop automatically and alarm by beeping,and the red counter indicator would be flashing to tell the position l.After picking it out,press any key to countinue again.

How to choose the counterfeit identifying functions

Key Name	Key functions
FUN	When the machine is powered up, Press the button to choose the functions: IR, MG, UV, COUN. When one function is choose which indicator will be on.
MG	MG(Magnetic) detection function, The MG detection is automatically turned on by default when the machine is powered up. It can also be selected or deselected by pressing the MG button located in the operation panel.
UV	UV(Ultraviolet) detection function, The UV detection is automatically turned on by default when the machine is powered up. It can also be selected or deselected by pressing the UV button located in the operation panel.
BATCH	When pressing the "BATCH" button, the indicator is on, the batch number can be set in amounts by pressing "+" or "-" button,
RESTART	If the machine stop and emit beeping sound or in manual situation, press RESTART button to continue.
MANUAL	The counting mode can be changed between automatic and Manual. Press "MANUAL" button, if the "MANUAL" indicator is on, the machine is in manual counting mode, under this mode, only after press the "RESTART" button can the machine begin to count.
ADD	Addition can be performed by pressing the "ADD" button(the "ADD" indicator is on). In this case, removing the counted notes from the stack will not clear the quantity counted and shown on the counter display. The next notes placed in the hopper will be counted and added to the preceding quantity. The total amount of added notes will be shown on the counter display. Press the "ADD" button to close the function and clear off the counter display.

Function Features

Function level	Function Instruction
MG	When "MG" indicator is on, the machine is with MG detection.
UV	When "UV" indicator is on, the machine is with UV detection.
COUN	The function is only for counting notes or bill but without any detections.

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Caution & Maintenance

- 1.This counter is suitable for working at temperature from 0°C-40°C.Make sure that the counter has been preheated for about 2-3minutes after switching on.
- 2.Keep it far away from the electric appliances which may produce strong jamming on the counter while in use. (e.g.electric drill and welding machine.)Besides protect it against strong direct sunlight and magnetic field,so as to avoid dysfunction of the identifying action.
- 3.Make sure that the counter has been well earthed(with a working earth line).Store it in a dry place in order to prevent electric shock.
- 4.Regularly clear away the dust inside the counter .Be sure that the counter has been cut off by pulling the plug out before any maintenance work.
- 5.Please switch off and cut off the counter if the counter is not in usefor a long time.
- 6.Please contact our maintenance workers when you are facing the following case,
 - a)The liquid was spilled on to the counter;
 - b)The counter was heavily broken by falling;
 - c)The counter can not work normally;
 - d)Even operate it strictly according to the User's Manual,the counter can not work normally.

Troubles&Troubleshooting

Before asking for repair services,please check the following problem by yourself first.

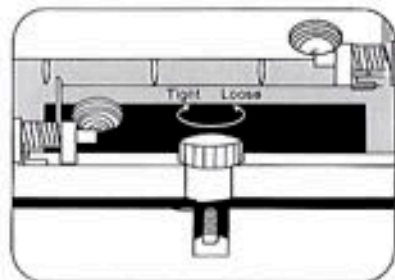
Trouble	Cause	Solution
the device not counting	1.fuse broken	change
	2.The power cable broken,or the connection is poor.	Check to solve
Not smooth to start and stop	1.Dust on the feeding sensor?	Clean
	2.feeding sensor disconnected with the main circulation board	check to connect again
	3.the belt of motor broken	Change
counting error	1.The position of banknote feeding stand well adjusted or not?	adjust the postion
	2.The counting sensor covered in dust	Clean
	3.the drag block and banknote twisting wheel worn too much	Change
Identifying error	1.Fluor-sensivity not well adjusted	Change
	2.the fluor-lamp covered in adjusted	Clean
	3.The fluor-lamp aged	Change

Note:Do not try to disassembly the device if you are not out authorized maintenance worker and never peel off the seal strip.Any problem you can not solve it by yourself,please contact our technical service dept.directly or through our local agent.

How to adjust the banknote feeding plate

In case that the banknote is not smooth to feed, you can adjust the gap between the dragging rubber and banknote-twisting wheel to solve this problem. Screw by following the illustration and test by inserting one piece of banknote to feel the tension between the dragging rubber and banknote-twisting wheel.

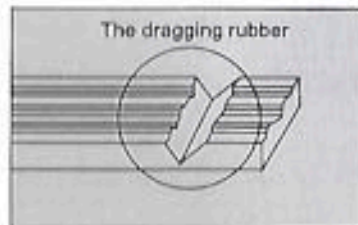
(Adjust clockwise tighten the gap and anti-clockwise for loosening).



Vertical Adjusting Screw

The way to change the spare parts

1. While the dragging rubber is heavily worn, please change it. Unscrew the banknote supporting plate and press out the dragging rubber, and then replace with a new one.



2. While the banknote-twisting wheel is heavily worn, the banknote feeding and counting may be the problem.

So please change it. Unscrew the banknote supporting plate and take apart the plastic cover at both sides.

Press out the banknote-twisting wheel, and then replace with the new one.



3. How to change the UV tube: First remove the top cover on the counter, and take out the tube, then replace it.



We reserve the right to make the technical modification without notice.