1、FEATURES

1. 1 Function

1. Automatic counting
2. Preset counting
3. Add counting
4. Half notes checking
5. Chain notes checking
6. Automatic self checking
7. Automatic zero cleaning
8. Counterfeit alarm
9. UV detecting
10. MG detecting
11. IR detecting

1.2 Specification

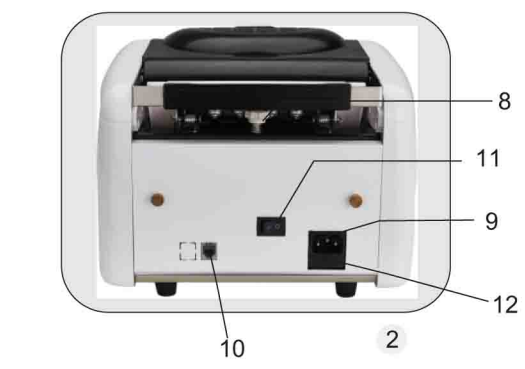
Dimensions :	325*265*160mm
Weight :	7kg
Counting speed :	1000pcs/minute
Power consumption :	75W
Power source :	220V±10%、50Hz
Noise :	<60dB
Ambient Temperature :	0℃~40℃
Ambient Humidity :	60%h~90%h
Counting Range :	1~9999
Preset Range :	1~100
Banknote Size :	Long 110~190mm Wide 50~90mm Thick 0.075~0.15mm

2、Description & Operation

2.1 Structure of machine



1、Hopper
2、Handle
3、Fan
4、Controlling panel
5、LED display
6、Stacker vane
7、Stacker



8、Adjusting screw
9、Power input
10、External display outlet
11、Power switch
12、Fuse

2.2.1 260 Display



2.2.2 Controlling panel

- [ADD]: to count the bills in adding
- Press BAT,BAT indicator lights on, then the machine is into batch counting mode. Batch number by pressing 0/1/2/3/4/5/6/7/8/9
- [Reset] to clear zero and restart
- Press FUNC to choose UV MG IR

3、Operation Instruction

3.1 The right way to load the bills

Please load bills in the machine same as the following steps.

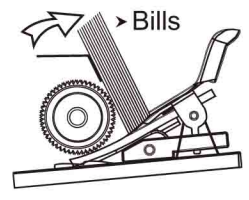


Photo 3.1.1

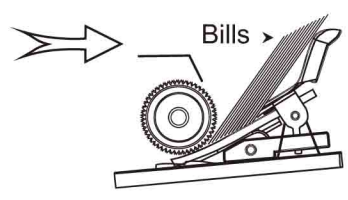


Photo 3.1.2

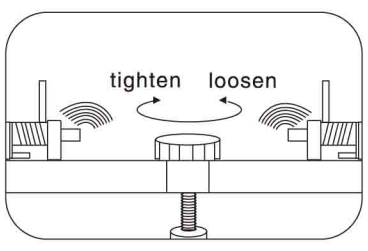
3.2 Error -Message Dispaly

Code No.	Malfunction causes	Solutions
E01	The left counting sensor is broken or dirty	To change a new one or clean it
E02	The right counting sensor is broken or dirty	To change a new one or clean it
E03	The code disc is dirty or loosen	To clean it or tight it
E04	The hopper sensor is broken or dirty	To change a new one or clean it
E05	The stacker sensor is broken or dirty	To change a new one or clean it
E10	Ambient light is too high	To lower the ambient light
	UV sensitivity light is too high	To lower the UV light
E11	The connector of front display is loosen	To tighten connector

Code No.	Alarms meaning	Solutions
EE1	The fake bill reflecting fluorescence is being checked out by UV	Take out the first bill (fake bill) in the stacker, then press [reset] to continue counting and detecting
EE2	The fake bill without magnet is being checked out by MG	Take out the first bill (fake bill) in the stacker, then press [reset] to continue counting and detecting
EE4	The half bill is being checked out The left (right) counting sensor is dirty or broken	Take out the half in the stacker, then press [reset] to continue counting and detecting Clean or replace counting sensor
EE6	The fake bill with different located magnet is being checked out by MG	Take out the first bill (fake bill) in the stacker, then press [reset] to continue counting and detecting
EE8	The bill wide size is not within the range of 110~180mm	Take out the first bill (fake bill) in the stacker and press [reset] to continue counting and detecting
EE9	Two bills are counted as one/inaccurate counting	To fasten the adjustable screw clockwise

3.3 The way to adjust the up / down screw

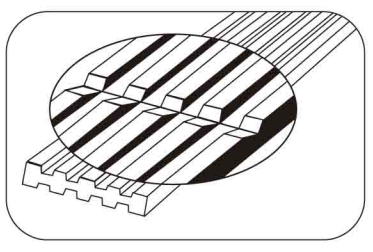
Due to long transportation and long use, the screw might be loose.When counting is not accurate, it is necessary to turn the up/down screw clockwise to increase the friction



Adjust the up/down screw

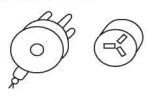
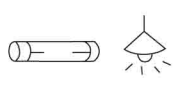
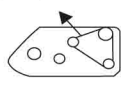
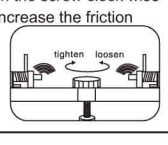
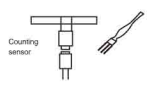
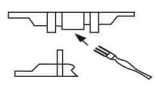
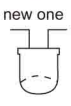
3.4 The way to change the wear and tear parts

When the rubber tongue is worn out, please flip it and use the other side.



3.5 Troubleshooting

Note: when counting and detecting is not accurate, please check the machine as following :

No power	The power line cord is connected well? 	The fuse is worn out? 	The power switch is on ? 
The power is on , but no working	The hopper sensor is dirty, please clean by brush 	Connect the Hopper sensor line well to the main board ! 	The belt is too loose or too tight, adjust the belt. 
Wrong counting	Turn the screw clock wise to increase the friction 	Counting sensor is dirty, please clean it 	The 6 rubber wheels are worn out, please replace them 
Wrong detecting	Adjust the MG sensor 	MG is dirty, please clean it 	UV sensor is broken or dirty, please clean it or replace with new one 

3.6 Cleaning of the machine

Warning: Before doing any cleaning, turn the power switch o ffand disconnect the power cord from the machine

1. Cleaning the Optical Sensors

It is very important to clean all the sensors in the machine with a soft brush to avoid any paper particles or dust from sticking to the light-transmitter or the light-receiver sensors.

If necessary, the glass surfaces of the detectors may also be wiped with a soft cloth soaked with alcohol.

2.Cleaning the Inside of the machine periodically

It may be necessary to clean the inside of the machine once occasionally, unplug the machine and lift the top cover to gain access to the interior.

3.Additional Recommendations

Avoid operating the machine in a dusty or dirty room. To guard the machine from the elements. Always keep it protected with the supplied plastic cover (when not in use)

CAUTION：DO NOT CHANGE THE POSITION OF THE DETECTORS AND/OR OPTICAL SENSORS

3.7 Maintenance Notice

1. The machine must be safely connected with the power source.
2.The machine must be kept in dry and ventilated place to avoid strong sunlight.
3.The machine must be kept far away the strong magnetic field and the interference of Hertzian waves
4. The effective power must be in the scope of 220V±10% otherwise it will affect the normal work.
5. The fuse rating is 2A/250V, it can not be increased or reduced.
6. 80% of all the operational problems may be caused by the dust and dirt inside the machine, please keep the machine clean all time.

3.8 Packing list

1. Counting and detecting machine	1pc
2. Use manual	1pc
3. Power cord line	1pc
4. External display	1pc
5. Brush	1pc
6. Spare parts	1set

