

USER MANUAL

MORE CHOICE FOR YOUR GROWING BUSINESS



300

300

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FOREWORD

Thank you for purchasing our 1+1 Pocket Banknote Sorting Machine.

For proper use and maintenance, we advise to read this user manual carefully.

Abbreviations and acronyms Used (in the machine)

UV	Ultraviolet	SLMG(MT)	Security line magnetic
IR	Infrared	TW	Transparent Window
MG	Magnetic	HOLLOW	Hollowed - hole
CIS	Contact Image Sensor	WMF	Watermark feature
IRR	Infrared reflection	THK	Thickness
IRT	Infrared transmission	SLOC	Security line optical characteristic
WHR	White light reflection	SA	Spectral absorption
WHT	White light transmission	POVD	Optically variable ink printing
VER	Version	EF	Electrical feature
ABN	Abnormal	DENO	Denomination
REJ	Reject	ERR	Error
BL	Blacklist	C.V	Current value
ADJ	Adjust	Prt	Printing function
MC	Master control		

1.Packing List



1+1 Pocket Banknote Sorting
Machine



1 Power Cord
(According to customer
needs in different
countries and regions)



1 Maintenance Kit
(Brush,Soft cleaning
cloth,Calibration strip,
Calibration paper, Screw driver)



1 User Manual



External Display (Optional)

2. Machine Overview

1) Front view



2) Back view



No.	Part Name	No.	Part Name
1	Hopper Guide	10	Dust Cover
2	Hopper	11	Back Cover Open Wrench
3	Keyboard	12	LAN Interface
4	Bottom Base Opening Lever	13	Power Socket
5	Reject Pocket	14	Power Switch
6	4.3" HD Full-color Display	15	RS232 Interface
7	Banknote Receiving Impeller	16	RS232 Interface
8	Stacker	17	USB Interface
9	Counting Digital Display	18	External Display Interface

3. Safety Precautions

- Do not place the machine in dusty or dirty environments.
- Do not place the machine in direct sunlight or near heat sources or air conditioners.
- Always disconnect the power cord before performing maintenance on the machine.
- Always connect the machine to an earthed socket outlet.
- Use only the supplied power cord.
- Do not use the machine outdoors.
- Do not expose the machine to liquids.
- This machine contains rotating parts. Never touch the moving parts when the machine is switched on.
- Please ensure that no foreign objects (coins, paper clips, staples) fall into the machine, these may block the mechanical parts and the sensors of the machine and damage or break them and will void your warranty.
- Keep jewellery, long hair, ties and other protruding parts away from machine while operating it.
- Never disassemble the machine.
- To prevent shock hazard, do not touch the power cable with wet hands.
- To prevent fire or short circuit, unplug the unit if you want to move it to another position.
- Hold the plug when disconnecting the unit from the power outlet, never pull the cord.

4. Preparation Before Start Counting



1. Place the machine in a level and stable workplace.



2. Use the power cord to connect the machine to the power socket.



3. Turn on the machine by pressing the power switch.



4. Select the currency.

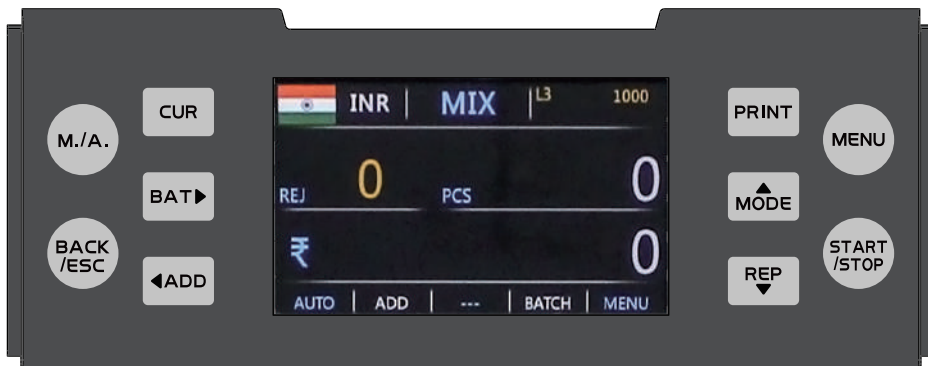










5. Choose the counting / sorting mode by pressing the **"MODE"** key or touch Mode options on the screen.

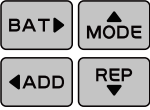




6. The banknotes should be placed neatly into the hopper, and adjust the hopper guide to fit the size of banknotes.

5. Control Panel - Function Keys

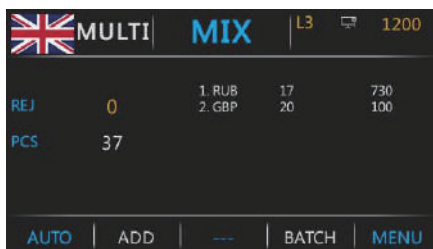
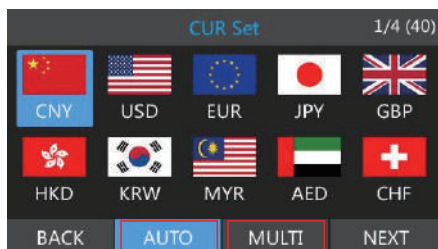


	Auto and Manual operation key. Auto: automatically counting as long as there are banknotes on the hopper. Manual: manually counting by pressing the "START/STOP" key.
	Press to return the previous interface or cancel the selection.
	Press the "CUR" key to enter the currency selection interface, or touch the currency flag logo on the display to choose.
	Batch function, to preset the batch quantity.
	Press to enable the accumulation function.
	Press to print the current counted banknotes information.
	MIX-SORT-COUNT, 3 different counting & sorting modes for cycle selection.
	"REP" key: Press to query the counting details, including the quantity, denomination, serial number, and total value.

	<p>Direction keys, can be used to select items and change the settings in the Menu interface.</p>
	<p>Press to enter the menu interface.</p>
	<p>"START / STOP" key: Press to start counting or to start other operations.</p>

6. Operational Instructions

6.1. Currency Settings



6.1.1. AUTO Mode (Automatic Recognition Mode): In this mode, the machine will automatically recognize the currency available on the machine. Using the first banknote counted as reference, and different currencies will be sorted into the reject pocket.

6.1.2. MULTI Mode (Multi-currency Mixed Counting Mode): In this mode, multiple currencies can be mixed to count, and the machine will record the current counting details, which can be viewed by pressing the "REP" key.

- ❶ **MULT LIST Interface:** Here can view the details of the current mixed count, including currency, number of pieces, amount and the total quantity of all counted banknotes.
- ❷ **Mult_CUR_Total List Interface:** Press "REP" key again to view the details of each currency.
- ❸ **Code List Interface:** View detailed serial number information.

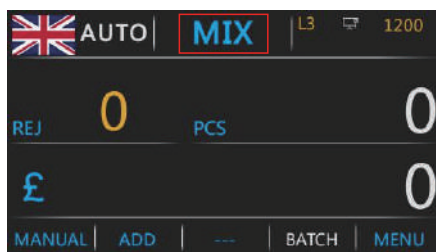
MIX(MULTI)		MULT LIST		1/1 (2)
NO.	CUR	PCS	AMOUNT	
1	RUB	17	730	
2	GBP	20	100	
Total		37		
BACK	PRINT	CUR LIST	NEXT	

RUB		Mult_CUR_Total		1/2
DENO	PCS	AMOUNT		
10	3	30		
50	14	700		
Total		17	730	
BACK	PRINT	CODELIST	NEXT	

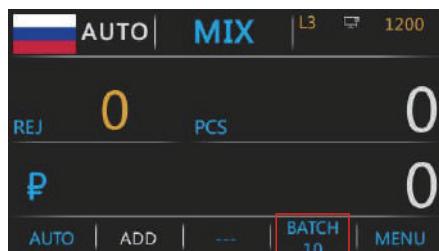
CodeList 1/5(37)			
NO.	CUR	SN	DENO
1	RUB	PG7638567	50
2	RUB	IN6961411	50
3	RUB	AA0388304	50
4	RUB	LQ4460318	50
5	RUB	PX7652601	50
6	RUB	IN6688332	50
7	RUB	KO2912854	50
8	RUB	LL8426018	50
BACK	PREV	NEXT	

CodeList 3/5(37)			
NO.	CUR	SN	DENO
17	RUB	QJ8385979	10
18	GBP	AL32229333	5
19	GBP	AK37564812	5
20	GBP	AA50244919	5
21	GBP	AK32652929	5
22	GBP	AD26063493	5
23	GBP	BAS8314514	5
24	GBP	AC07969514	5
BACK	PREV	NEXT	

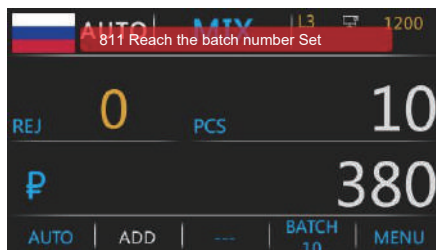
6.2. Counting / Sorting Mode Choose



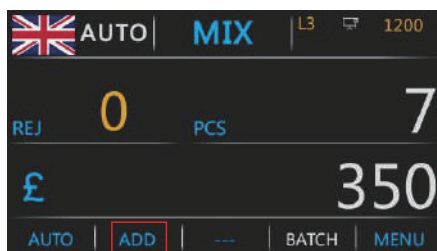
6.3. BATCH Function – Select the batch number and the machine will automatically stop counting when the counted pieces arrived the batch quantity



BATCH SET				
Batch Function	ON	1	2	3 Delete
Preset Batch No	10	4	5	6 Clear
		7	8	9 Batch
		0	.	Return Enter
BACK				



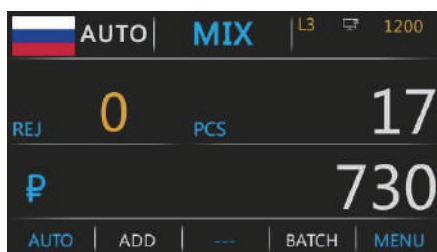
6.4. ADD Function – This function is used to add the counting results of multiple counts to the total



6.5. Detailed Description of Mode Settings

6.5.1. MIX Mode

Press the "MODE" key, or touch the mode option on the screen to select the mode (cycle selection). In "MIX" mode, the machine will count the mixed denomination banknotes of the selected currency.



In the "MIX" and "SORT" mode, after counting is completed, press the "REP" key to view the current counting details.



TOTAL LIST: including denomination, number of counted notes, amount, and total value. Then touch "CODELIST" on the screen to check the serial number for each banknote.

MIX(AUTO)		TOTAL LIST		1/1 (2)	
DENO	PCS	AMOUNT			
10	3	30			
50	14	700			
Total		17		730	
BACK	PRINT	GRANDLIST	CODELIST	NEXT	



CodeList			1/3(17)
NO.	CUR	SN	DENO
1	RUB	PU7018983	50
2	RUB	IU9607376	50
3	RUB	FK9095433	10
4	RUB	VM5185852	10
5	RUB	QF8385979	10
6	RUB	LQ4460318	50
7	RUB	OA0388304	50
8	RUB	IN6961411	50
BACK		PREV	NEXT

6.5.2. SORT Mode

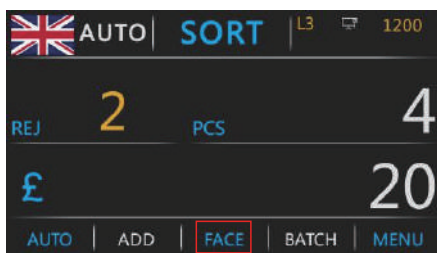
Press the **"MODE"** key, or touch the mode option on the screen to select the mode (cycle selection). In **"SORT"** Mode, the machine will count the same denomination of the selected currency, and the banknotes with different denominations & currencies than the first counted banknotes will go into the reject pocket.

	AUTO	SORT	L3		1200
REJ	1	PCS	4		
£					200
AUTO	ADD	VALUE	BATCH	MENU	

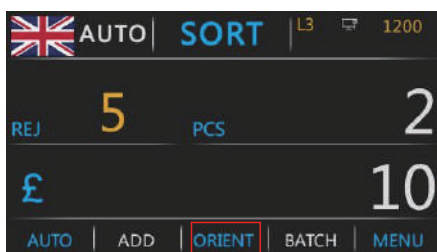
There are five sorting options available - **VALUE (DENO) / FACE / ORIENT / ATM / FIT**. Sorting mode options can be selected according to different sorting needs.

	AUTO	SORT	L3		1200
REJ	2	PCS	5		
£				50	
AUTO	ADD	VALUE	BATCH	MENU	

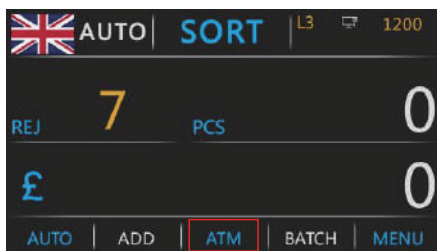
REJECT				1/1(2)
No.	DENO	SN	ERR	EXPLAIN
1	5	BB49315779	23	DENO
2	5	AD09299088	23	DENO
BACK		PREV	NEXT	



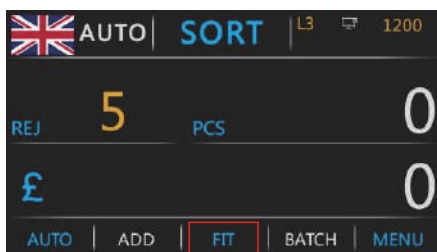
REJECT					1/1(2)
No.	DENO	SN	ERR	EXPLAIN	
1	5	AC02621581	24	Image Face	
2	5	AD13071856	24	Image Face	
BACK		PREV		NEXT	



REJECT					1/1(5)
No.	DENO	SN	ERR	EXPLAIN	
1	5	AC02621581	24	Image Face	
2	5	AD13071856	24	Image Face	
3	5	AK32995993	24	Image Face	
4	5	BC48880221	24	Image Face	
5	5	AC09794631	24	Image Face	
BACK		PREV		NEXT	



REJECT					1/1(7)
No.	DENO	SN	ERR	EXPLAIN	
1	5	AC09794631	25	Image Sort	
2	5	BC48880221	25	Image Sort	
3	5	AK32995993	25	Image Sort	
4	5	AD13071856	25	Image Sort	
5	5	AC02621581	25	Image Sort	
6	5	AL32229333	25	Image Sort	
7	5	AK37564812	25	Image Sort	
BACK		PREV		NEXT	



REJECT					1/1(5)
No.	DENO	SN	ERR	EXPLAIN	
1	10	AH30312917	25	Image Sort	
2	10	AL10158922	25	Image Sort	
3	10	DH51478749	25	Image Sort	
4	10	BA50867319	25	Image Sort	
5	10	CD17270562	25	Image Sort	
BACK		PREV		NEXT	

In the **"MIX"** and **"SORT"** mode, when suspicious banknotes are detected or false alarms occurring, the machine will sort them out into the reject pocket , and you can touch **"REJ"** on the screen to check the detailed information of each reject banknote. Both modes include all counterfeit detection features. And Add function and Batch function are also available.

REJECT					1/1(1)
No.	DENO	SN	ERR	EXPLAIN	
1	10		27	Doubt,Size,IRT,MG Image	
BACK		PREV		NEXT	

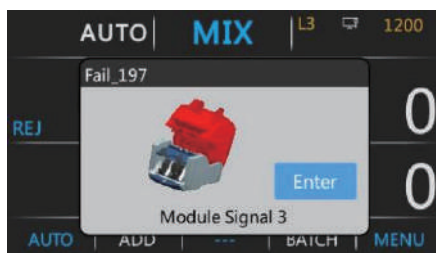
6.5.3. COUNT Mode

Press the **"MODE"** key, or touch the mode option on the screen to select the mode (cycle selection). In **"COUNT"** Mode, the machine will only count the number of banknotes, and has no other counterfeit detection features.

	AUTO	COUNT	L3		1200
REJ	0		PCS	5	
AUTO	ADD	---	BATCH	MENU	

6.6. Power-on Self-check prompts & Handling methods

When powering on, the machine will enter the initialization status and perform a self-test. It will check the condition of the machine. After a successful self-test, the machine is ready to start working. If the back cover and bottom base are opening, the machine will alert the error to the user on the display. Please close them and press **"START/STOP"** key. If the dust cover is abnormal, please check and adjust it.



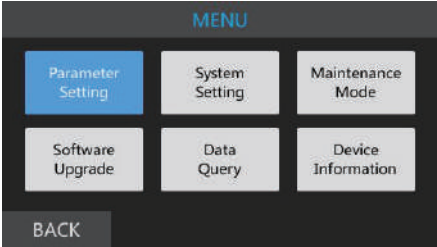
Tips:“Pocket 1 Full” and“Reject Pkts Full”, please remove the banknotes.

If the banknote channels are blocked, please open the back cover or the bottom base to remove the jammed banknotes.



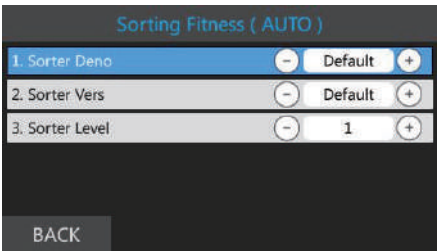
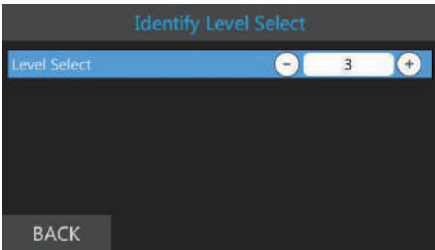
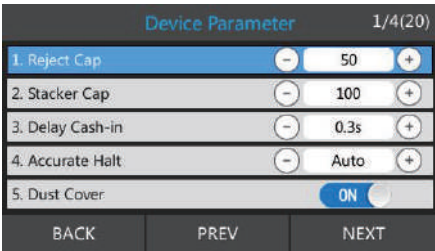
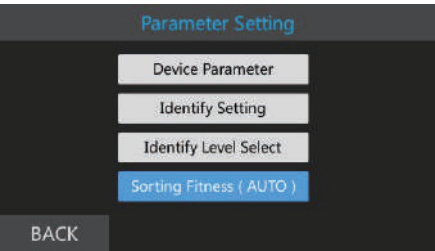
7. Menu Setting

Press the "MENU" key or touch "MENU" on the screen to enter the menu setting interface. Use the direction keys to select or touch the screen to enter the sub-menu to change settings and parameters.



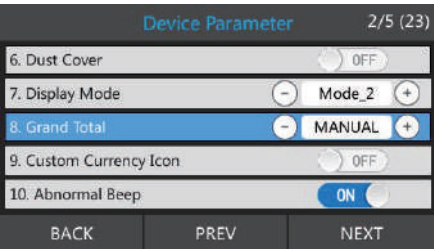
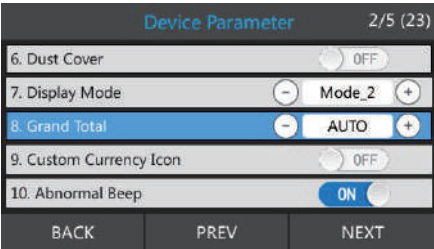
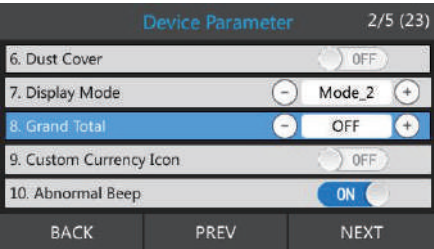
7.1. Parameter Settings

Users can set the Device Parameter / Identify Setting / Identify Level Select / Sorting Fitness to adjust device parameters and detection fitness.



Here have a special function in Device Parameter settings - Grand Total
(This function can record the historical summary list)

There are three switch options: OFF / AUTO / MANUAL



When select the **“AUTO”** record, the machine will automatically record the result of each counting. Press **“REP”** key to check the current counting information, then touch the **“GRAND TOTAL”** on the screen to check Grand Total List Details. And you can choose to PRINT or CLEAR all data.

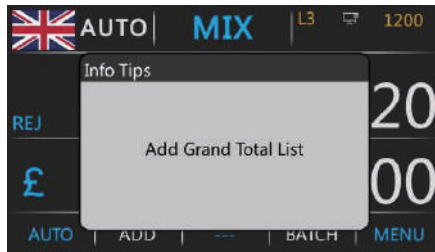
GrandTotal 1/1 (2)

DENO	PCS	AMOUNT
10	6	60
50	36	1,800
Total	42	1,860

BACK PRINT CLEAR



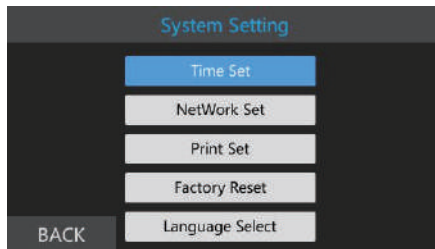
When select the **“MANUAL”** record, you need to long press the **“ADD”** key to manually record.



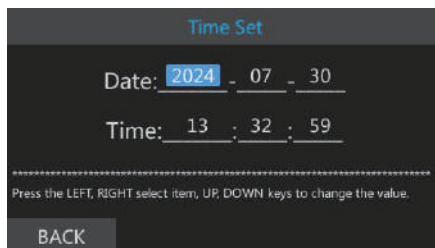
When “OFF”, the function is disabled by default.

7.2. System Settings

Users can adjust Time Settings / Network Settings / Print Settings /Language Selection, and reset the parameters to factory settings.



7.2.1. Time Set - Use the direction keys to adjust the time settings, press the "LEFT" or "RIGHT" direction key to select an option, and then press the "UP" or "DOWN" direction key to change the value.



7.2.2. Network Set - Users can set the Local IP / Net Mask / Gateway / Mac ID / Local Listen Port here.

NetWork Set	
Local IP :	192.168.17.34
NetMask :	255.255.255.0
Gateway :	192.168.17.1
Mac ID :	00:01:32:33:54:07
Listen :	6666
<div>BACK</div>	

7.2.3. Print Set - This function is used to set the built-in printer / external printer.

Here users can set the print mode - Manual or Automatic printing, remember to set the Baud Rate to let the printer and the machine are at the same rate.

If the print space is too narrow on the paper, users can change the **"Extra Free Lines"** to add more space on the paper. **"Auto Cut"**: When this function is enabled, the printed paper can be cut automatically.

Print Set	
1. Manual or Auto	- Auto +
2. Out Format	- Details +
3. Baud Rate	- 9600 +
4. Extra Free Lines	- 5 +
5. Auto Cut	ON
<div>BACK</div> <div>Print Test</div>	

Print Set	
1. Manual or Auto	- Auto +
2. Out Format	- Listing +
3. Baud Rate	- 9600 +
4. Extra Free Lines	- 5 +
5. Auto Cut	ON
<div>BACK</div> <div>Print Test</div>	

The printer should be Thermal Printer, and the connection port of the printer is RS232 PORT-DP9. And in order to print successfully, the machine should keep the same baud rate with the external printer, users can modify it through settings.

Two Out Formats:

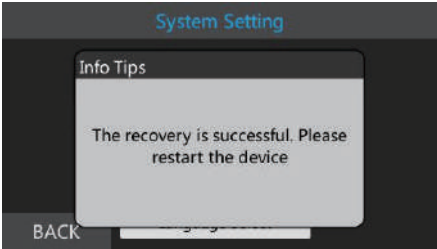
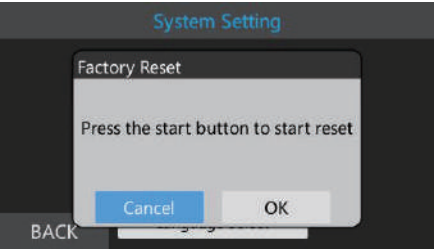
① Total List

Time : 2024-08-09 16:10:51		
CUR : USD		
Mode : MIX		
Deno	Pcs	Amount
1 x	6 =	6
Total	6 =	6
=====		
END		
USD	1	B16471467H
USD	1	F87842316L
USD	1	E68851250F
USD	1	B65792504H
USD	1	H13947815C
USD	1	J36716482C

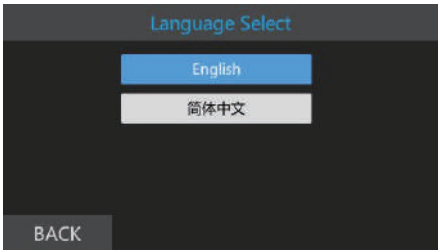
② SN with total list

Time : 2024-08-09 16:10:47		
CUR : USD		
Mode : MIX		
Deno	Pcs	Amount
1 x	6 =	6
Total	6 =	6
=====		
END		

7.2.4. **Factory Reset** - Reset the machine to factory settings.



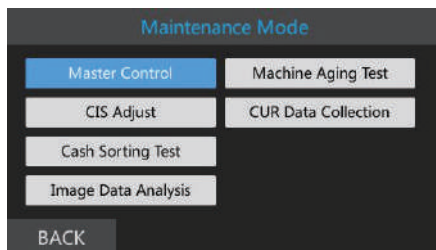
7.2.5. **Language Select** - Users can change system language here.



7.3. Maintenance Mode

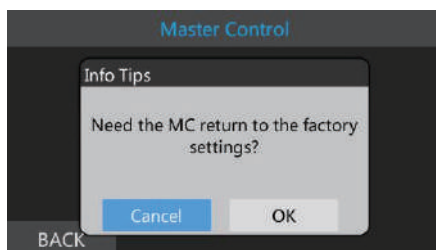
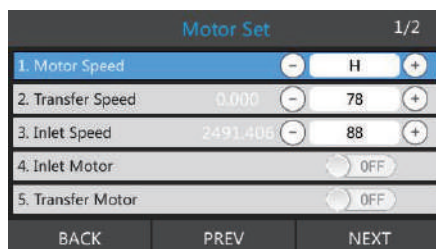
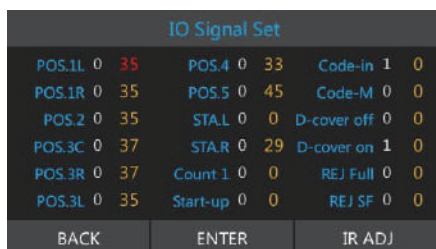
Here users can adjust the Master Control / CIS Adjust / Cash Sorting Test / Image Data Analysis / Machine Aging Test / CUR Data Collection.

In this mode, please follow the engineer's guidance and do not debug the machine at will, so as to avoid some errors in the whole system.



7.3.1. Master Control

IO Signal Set / Motor Set / MC Reset



7.3.2. CIS Adjust

CIS Calibration includes "Static Calibration" and "Dynamic Calibration", which needs to be done after placing the calibration strip / paper in the specified position.

Please follow the engineer's guidance and do not debug the machine at will.

CIS Adjust				CIS Dynamic Adjust			
A Red Reflect	225	B Red Reflect	225	A Red Reflect	215	B Red Reflect	215
A Green Reflect	225	B Green Reflect	225	A Green Reflect	215	B Green Reflect	215
A Blue Reflect	225	B Blue Reflect	225	A Blue Reflect	215	B Blue Reflect	215
A IRR	225	B IRR	225	A IRR	200	B IRR	200
A UV Reflect	225	B UV Reflect	225	A UV Reflect	0	B UV Reflect	0
A WHT	225			A WHT	110		
A IRT	225			A IRT	87		
BACK	WRITE	RESET	DYNAMIC	BACK	WRITE	RESET	

7.3.3. Cash Sorting Test

Enter the "Cash Sorting Test" interface, put in the banknote to be tested, and the display will show parameter values such as banknote stains (the maximum reference value is "255", the higher the value, the more complete and newer the banknote is).

Cash Sorting Test							
CNY	100	2010	FU	FSN12345678			
Soiling	0	Graffiti	0	Size	0	THK	0
Taped	0	Crumples	0	WVR	0	SLOC	0
Dog-Ear	0	Limpress	0	WHT	0	Hollow	0
Defect	0	Carbonize	0	IRR	0	EF	0
Lost	0	Deform	0	IRT	0	SA	0
Hole	0	Splice	0	UV	0	TW	0
Drinking	0	Other	0	MG Image	0	WMF	0
Stains	0	Torn	0	SLMG	0	Serial No	0
BACK							

7.3.4. Machine Aging Test

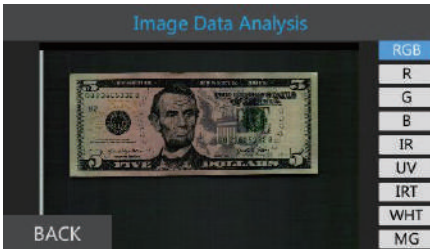
Testing the aging of motors, please do not operate at will.

Machine Aging Test	
00:00:00	
Press START to test for aging	
BACK	START

7.3.5. Image Data Analysis

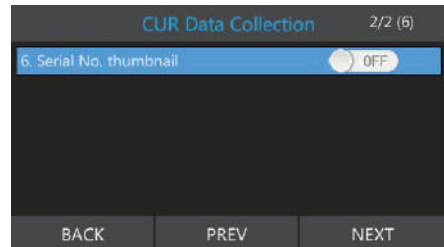
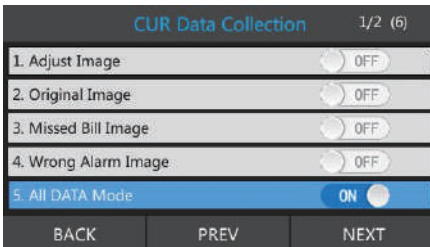
This function can analyze the characteristics of banknotes under different light sources and counterfeit detection functions.

Enter the **"Image Data Analysis"** interface, put in the banknote to be analyzed, then users can check RGB / IR / UV / IRT / WHT / MG feature images of the banknote. Press the **"START/STOP"** key to view the front or back side of the banknote.



7.3.6. CUR Data Collection

This function helps users to collect the currency image data for New Currency Development and False Alarm Improvement. Use a U-Disk to storage and transfer the data from machine to PC. Then, send the data to engineers. After improvements, users will get the updated software and files.

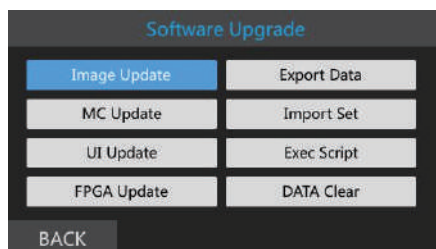


7.4. Software Upgrade

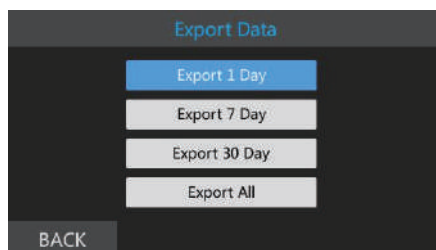
Image Update / MC (Master Control) Update/ UI Update / FPGA Update / Export Data / Import Set / Exec Script / DATA Clear.

(Please follow the engineers' guidance)

Download the software file to a U-disk, connect the U-disk to the machine, turn on the machine and select the update mode, follow the steps, and restart the machine after the update is completed.

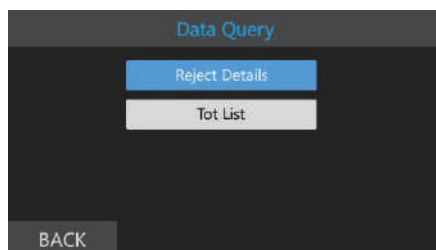


Notice: In the Export Data, users can use a U-disk to export the historical counting data, select to export 1 day, 7 days, 30 days or all the data.



7.5. Data Query

Here users can view the counting details, including Reject details / Tot List.



7.5.1. Reject Details - Check the rejection information and reason explains for each rejected banknote.

REJECT				1/1(1)
No.	DENO	SN	ERR	EXPLAIN
1	50	AE03455176B	27	Doubt,UV
BACK		PREV		NEXT

7.5.2. Tot List - Details of the latest counting.

MIX(USD)			TOTAL LIST	2/2 (7)
DENO	PCS	AMOUNT		
100	35	3,500		
Total	100	4,339		
BACK	PRINT	CODELIST	NEXT	

CodeList				1/13(100)
NO.	CUR	SN	DENO	
1	USD	QB23605329B	5	
2	USD	QB23605328B	5	
3	USD	ML37670170A	5	
4	USD	QB23605331B	5	
5	USD	QB23605332B	5	
6	USD	ML59238219B	5	
7	USD	DG53365892A	10	
8	USD	PB70685954C	20	
BACK		PREV		NEXT

7.6. Device Information

Users can view all the information about the device here.

Device Information	
UI_Ver: WQ5101326D0W	FGA_Ver: WQ5101358R01
MC_Ver: WQ1301312D88	Image_Ver: WQ510116AD09
Algor_Ver: D1H.D0).FD49.D84	MAC_ID: 00:01:32:33:54:07
Dev_Model: WR8301	MF_Date: 2018-09-01
Dev_SN: 000000000000	Total_Count: 6353
BACK	

8. Machine Cleaning

8.1. Regular cleaning

For optimal performance, regular cleaning of the device's internal parts and sensors is required. Dust and dirt will affect the function of the sensor, can also damage bearings and electronic parts and cause abnormal problems with the machine.

This section provides guidance for your regular cleaning. The specifics will depend on your usage.

If you process a large number of banknotes everyday, or if the banknotes counted are very dirty or greasy, you may need to clean the machine more often. When cleaning shafts, rollers, wheels or other rotating parts, turn each part by hand to clean its entire surface. And clean the sensor components, especially the glass of the image sensor unit.

Cleaning tools:

- Soft-bristled brush
- Lint-free, non-abrasive cloths

Note:

When cleaning, be careful not to damage the machine. The touch screen surface and the sensors inside the machine should be handled with particular care.

8.2. Clean the banknote channels

- ▲ Disconnect the machine from the power supply
- ▲ Open the back cover or base bottom switch cover and check if there is any jammed banknote in the channel, please remove it.
- ▲ Use the lint-free, non-abrasive cloths to wipe away any dust from the top and bottom surfaces, sensors, and rotating wheels.
- ▲ If the stain remains, dampen a soft, lint-free cloth with water or a non-contaminant 50/50 mixture of isopropyl alcohol and water. Wring out as much liquid as possible. Do not let any liquid drop into the device.

9. Technical Parameters & Specifications

Counterfeit Detection	Dual CIS, IR, MG, MT,UV
Counting Speed	900 / 1000 / 1200 notes/min
Hopper Capacity	500 - 1000 notes
Stacker Capacity	200 notes
Reject Pocket Capacity	100 notes
Banknote Size	Length & Width: 60 x 85 mm-100 x 190 mm Thickness: 0.08 mm-0.12 mm
Dimensions	285(W)*285(D)*335(H) MM
Packaging Size	380(W)*375(D)*410(H) MM
Weight	N.W.: 12 KGS, G.W.: 14 KGS
Interface	RS232*2 / USB / LAN / External Display
Power Supply	100 ~ 240 V AC, 50 / 60Hz
Power Consumption	< 60W

10. Troubleshooting List

After the power-on self-test, if the display shows "0", the machine is ready to work. If an error or abnormality occurs, the machine will prompt the error message and abnormal position on the display.

Please follow the table as below to solve the problems.

Error code	Reason	Solution
0x01	Purple light anomalous	Move machine away from light source, adjust the fitness for the light detecting.
0x02	Code disk anomalous	Check the motor circuit and driving parts. If damaged, please change new encoder.
0x03	B2 Left counting tube anomalous	Clean up dust with a brush. Readjust it. If damaged, please change it.
0x04	A2 Right counting tube anomalous	Clean up dust with a brush. Readjust it. If damaged, please change it.
0x05	Cash inlet tube anomalous	Move machine away from light source, clean dust. Change the optocoupler if necessary.
0x06	Cash receive tube anomalous	Clean dust. Re-tighten it. Change the optocoupler if necessary.
0x0B	B1 IR anomalous	Clean dust. Re-tighten it. Change it if necessary.
0x0C	A1 IR anomalous	Clean dust. Re-tighten it. Change it if necessary.
0x80	Big MG probe error	Clean dust. Re-tighten it. Change the MG probe if necessary.
0x81	A1 left edge MG anomalous	Clean dust. Adjust distance. Change the MG probe if necessary.
0x82	A2 left edge MG anomalous	Clean dust. Adjust distance. Change the MG probe if necessary.
0x83	A3 left edge MG anomalous	Clean dust. Adjust distance. Change the MG probe if necessary.
0x84	A4 left edge MG anomalous	Clean dust. Adjust distance. Change the MG probe if necessary.
0x85	A5 left edge MG anomalous	Clean dust. Adjust distance. Change the MG probe if necessary.
0x86	B1 right edge MG anomalous	Clean dust. Adjust distance. Change the MG probe if necessary.
0x87	B2 right edge MG anomalous	Clean dust. Adjust distance. Change the MG probe if necessary.

0x88	B3 right edge MG anomalous	Clean dust. Adjust distance. Change the MG probe if necessary.
0x89	B4 right edge MG anomalous	Clean dust. Adjust distance. Change the MG probe if necessary.
0x8A	B5 right edge MG anomalous	Clean up dust with a brush. Readjust it. If damaged, please change it.
0x90	CIS upper R light source anomalous	Clean dust and foreign matters.
0x91	CIS upper G light source anomalous	Clean dust and foreign matters.
0x92	CIS upper B light source anomalous	Clean dust and foreign matters.
0x93	CIS upper UV light source anomalous	Clean dust and foreign matters.
0x94	CIS upper IR light source anomalous	Clean dust and foreign matters.
0x95	CIS bottom R light source anomalous	Clean dust and foreign matters.
0x96	CIS bottom G light source anomalous	Clean dust and foreign matters.
0x97	CIS bottom B light source anomalous	Clean dust and foreign matters.
0x98	CIS bottom UV light source anomalous	Clean dust and foreign matters.
0x99	CIS bottom IR light source anomalous	Clean dust and foreign matters.
0x9A	CIS anomalous, something cover it	Clean dust and foreign matters.
0x9B	CIS static parameter uninitialized	Clean dust and foreign matters. Readjust it.
0x9C	CIS RTK parameter uninitialized	Clean dust and foreign matters. Readjust it.
	CIS IRT light source anomalous	Clean dust and foreign matters.
	CIS RGB light source anomalous	Clean dust and foreign matters.

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