USER MANUAL

BANKNOTE COUNTER

WRM999

MSLINE

▌CONTENTS

1. MACHINE OVERVIEW

Pic. 1-1 Banknote Counter Front Diagram

Pic. 1-2 Banknote Counter Back Diagram

No.	Item	No.	Item
1	Handle	8	Adjustable Screw
2	Hopper	9	Handle of Back Cover
3	Keyboard	10	Speaker
4	Impeller	11	Power Socket
5	Stacker	12	External Display Port
6	Banknote Guider	13	Power Switch On/Off
7	LCD Display		

2. PACKING LIST AND INSTALLATION

2.1. Packing List

When you receive the package, open and check the packing list in the package.

RM999 Banknote Counter

1 Power Cable
(Serving the needs of different countries and regions)

Maintenance Kit
(Brush,Soft cleaning cloth,
Screw driver)

1 User Manual

Banknote Guider

External Display (Optional)

2.2. Installation Instruction

2.2.1. Installation Warnings

In order to ensure the stability of equipment and personal safety, it is necessary to use grounding power socket, and the fuse of 2A should not be too large.

(1)Please unplug the power supply when not in use for a long time.

(2)Avoid humidity and electromagnetic interface.

(3)The equipment should be placed stably when in use.

2.2.2. Power Supply Connection

Pic. 2-1 Power and External Display Connection

2.2.3. Banknote Guider Installation

Pic. 2-2/2-3 Banknote Guider

3. DISPLAY & OPERATION INTERFACE

3.1. Display Appearance

Pic. 3-1 Display Appearance

3.2. Operational Instructions for Function Keys

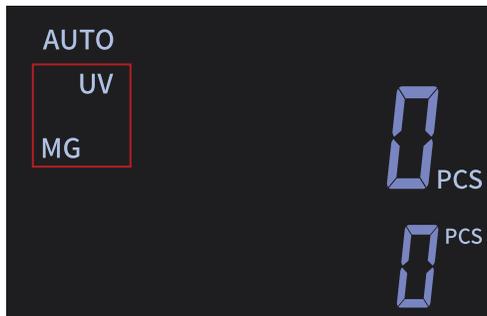|	
VALUE	"Value" key, this function is used to preset the value of the banknotes which need to be counted, the denomination of the banknotes can be preset as follows: 1/2/5/10/20/50/100/200/500/1000/2000/5000/10K/20K/50K/100K.
MODE	"Mode" key, press this key to switch among 3 Modes for banknotes sorting and counting, UV+MG mode / Size mode / Count mode.
BATCH	"Batch" key, can preset the capacity of the batch, the default is 0 pcs, can add up to 1000pcs. Use "Mode +" key to add 10 pcs each press, use "A/M -" to reduce 1 pcs each press.
A/M/-	"A/M" key, Auto and Manual operation key. Auto:automatically counting as long as there are banknotes on the hopper. Manual: manually counting by pressing the "start" key.
ADD	"Add" key, the add function key for counting quantity accumulation, press it will add different counting result in total result.
START RESET/+	"Start"/ "Reset" key, press to start counting or to start other operations, and can also reset the counting results.

4. OPERATING INSTRUCTIONS

4.1. Display Interface

Auto Detecting Status

Auto Selected Counting Mode

AUTO

UV

MG

0 PCS

0 PCS

Quantity For The Banknotes

Pic. 4-1 Main Display Interface

4.2. Selection of Counting Mode

By pressing the "Mode key" [MODE] of the control panel, three counting and sorting modes can be cyclically switched, and the 3 counting modes will be cyclically switched according to the UV&MG - COUNT - SIZE sequence.

4.2.1. UV And MG Mode

As shown in Pic 4-2, the banknote counter is in UV and MG mode. It is default startup mode. When counting the banknotes in this mode, the machine can count the number of the banknotes, and will also sort the banknotes out through UV and MG characteristic.

AUTO

UV

MG

0 PCS

0 PCS

Pic. 4-2 Initial Interface of UV&MG Mode
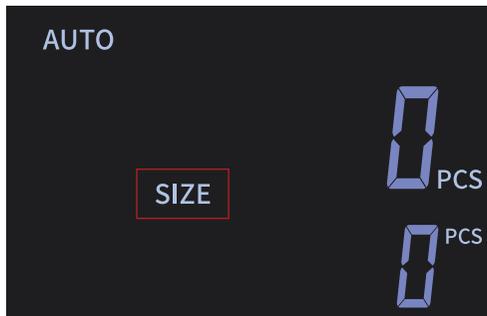
4.2.2. Count Mode

As shown in Pic 4-3, the banknote counter is in count mode. In this mode, the machine can only count the quantity of the banknotes, and no more sorting functions.

Pic. 4-3 Initial Interface of Count Mode

4.2.3. Size Mode

As shown in Pic 4-4, the banknote counter is in Size Sorting Mode. When counting the banknotes in this mode, the machine will also sort the same banknote based on first inlet banknote, and when different banknotes are recognized, the machine will alarm and stop. Those banknotes with different sizes will be sorted out.

Pic. 4-4 Initial Interface of Size Sorting Mode

5. ABNORMAL PROMPT

5.1. Self-check Tips

When the power supply is turned on, the device will self-detect the status of all sensors. If there is an abnormal detection, the display will prompt the Alarm code.
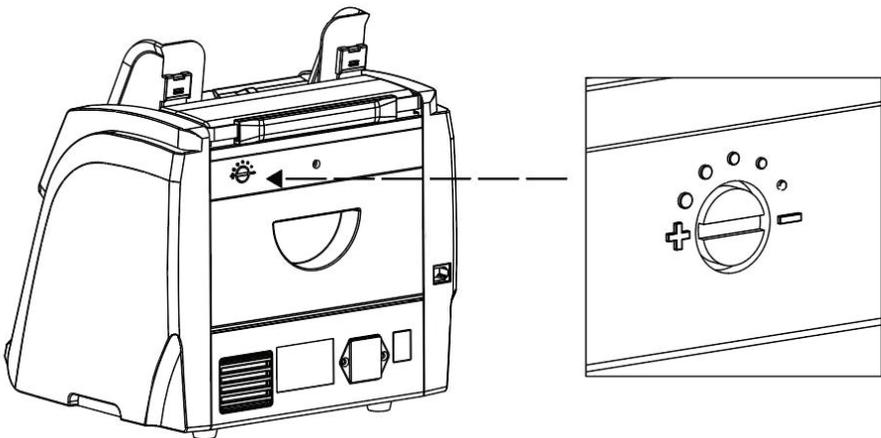
5.2. Process Prompt

In the counting process, if there is any abnormality, the motor will alarm and stop running.

6. ADJUSTMENT METHOD OF HOPPER

When counting is inaccurate and the connection overlaps, the screw can be adjusted appropriately to solve the problem.
Loose clockwise, tighten anticlockwise, can be adjusted by coin or screwdriver.

7. TROUBLE SHOOTING LIST

Error code	Reason	Self-check code	Adjustable Screw
EE1	UV anomalous	C01	Left mid-IR
EE2	Edge MG error	C02	Right mid-IR
EE3	Chain notes	C03	Code disc anomalous
EE4	Half notes	C04	Start optocoupler error
EE5	Double notes	C05	Reset optocoupler error
EE6	MG anomalous	C07	UV anomalous
EE7	Skewed Notes	C62	Left edge MG anomalous
EE8	Size too small(41)	C63	Right edge MG anomalous
EE9	Size too big(75)	C64	Middle MG error
EEA	Size too big(90)	C90	Buttom anomalous
EEB	Notes width error		

8. SPECIFICATIONS

Counting Method	Automatic Counting
Counting Speed	≤1200pcs/min
Banknote Size	Width≤85mm——Length≤165mm
Hopper Capacity	200pcs
Stacker Capacity	200pcs
Display	7-Segment LED Display
Display Digits	Preset: 999 Quantity: 9999 Value: 9999 Amount: 9999999
Power Consumption	AC110-220V ≤50W
Working Environment	0℃-40℃
Dimensions	310mm*260mm*180mm
N.Weight	5.1KGS

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