

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 |



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

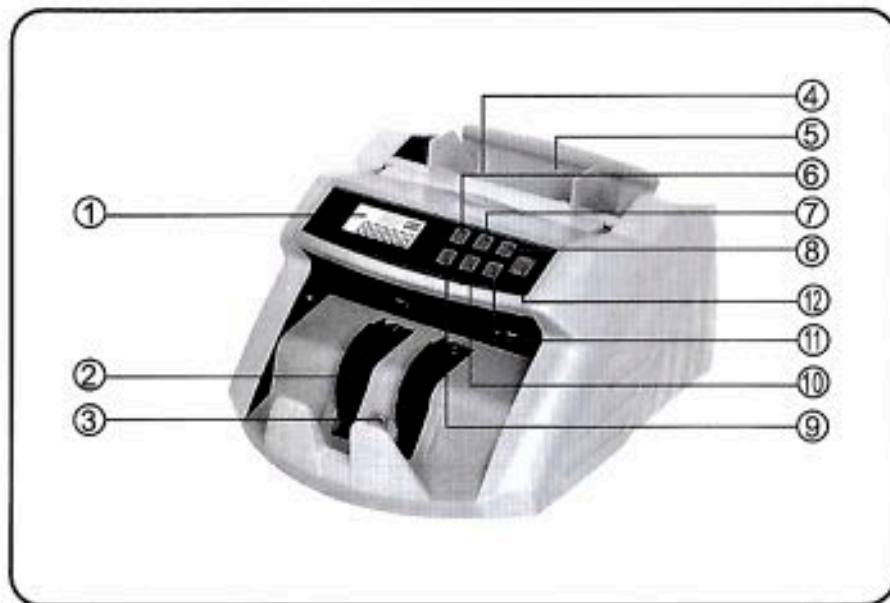


Power cord

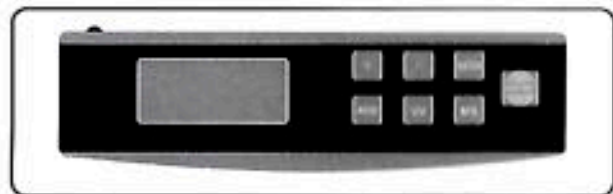


Cablematic

Panel Layout



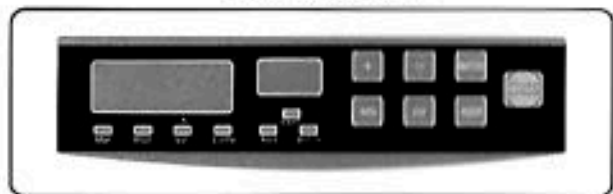
1. Display
2. Banknote Holding Wheel
3. Banknote Holding Sensor
4. Banknote Feeding Sensor
5. Banknote feeding plate
6. +
7. -
8. BATCH
9. ADD
10. UV
11. MG
12. RESTART



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 |



CABLEMATIC

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. |



CABLEMATIC

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.

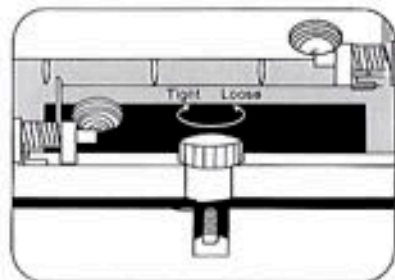
| Trouble | Cause | Solution |
|------------------------------|--|------------------------|
| the device not counting | 1.fuse broken | change |
| | 2.The power cable broken,or the connection is poor. | Check to solve |
| Not smooth to start and stop | 1.Dust on the feeding sensor? | Clean |
| | 2.feeding 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-sensitivity not well adjusted | Change |
| | 2.the fluor-lamp covered in dust | 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.

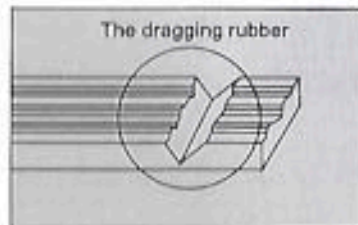
(Adjust clockwise tighten the gap and anti-clockwise for loosening).



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.

HUAEN NOTE COUNTER FOR H-5388 QUICK START GUIDE



1. Key introduction

RESTART: Used to start counting operation in the following cases. To resume counting after an error is cleared. To clear the displayed counted number. Press to start counting.

MG: Press "MG" key , the MG light on, the magnetic function open

UV: Press "UV" key , the UV light on, the ultraviolet function open

ADD: In order to turn on bank note addition, press "ADD" key until the add lights on. To turn the adding off, press "ADD" once again

BATCH: Press "BATCH" key to show 100/50/20/10

+ : Under batch function , press "+" key can add batch no.

- : Under batch function , press "-" key can minus batch no.

2. Quick&Easy Operation

1. **Voice** : Press "+" key long time until machine show Y01, the voice on, press "+" or "-" key to shot time to show Y00 , voice off .

Let the machine run or press "RESTART" key to save the change

2. **Fake note counting:** Press "-" key long time until machine show U01 , fake note counting , press "+" or "-" key to shot time to show U00 , fake note not counting.

Let the machine run or press "RESTART" key to save the change

3. **UV setting:** Press "UV" key long time until machine show A05 , press "+" or "-" key to shot time to change setting from 0-10.

Let the machine run or press "RESTART" key to save the change

4. **MG setting:** Press "MG" key long time until machine show b05, press "+" or "-" key to shot time to change setting from 0-10.

Let the machine run or press "RESTART" key to save the change

3. Factory setting

Press "MG" key then power on the machine show 9999999 , factory setting success .

4. Sensitivity setting

Press "ADD" key at the same time until machine show H-01, press "BATCH" & "ADD" to shift from each setting, then press "UV" or "MG" key to set time to change parameter. Press "RESTART" to exit

Code reference:

| CODE | Terms | Original | Instruction |
|------|---------------------------------------|----------|---|
| H-01 | VOICE | 1 | 0 : OFF , 1 : ON |
| H-02 | FAKE NOTE COUNTING | 1 | 0 : OFF , 1 : ON |
| H-03 | PIECE COMPARE | 1 | 0 : ON , 1 : OFF |
| H-04 | Frag note test | 1 | 0 : ON , 1 : OFF |
| H-05 | Slope compensation | 1 | 0 : OFF , 1 : GENERAL , 2:High-supply |
| H-06 | LCD standby | 3 | 0-10 , 0:ON |
| H-13 | Single counting tube opto repair time | 10 | The greater and the longer repair time |
| H-E | DOUBLE NOTE | 0(0-10) | 0:OFF , The greater No. The higher sensitivity, error code :d |
| H-C | Chain note | 3 | 0:off , The greater No. The higher sensitivity error code:C |
| H-A | UV | 6 | The small No. The higher sensitivity error code:A |
| HB1 | Ruble MG | 5 | The greater No. The higher sensitivity error code:b |

5. Error code

| CODE | REASON | CODE | REASON |
|------|-------------|------|--------------|
| A | UV | FE1 | Start sensor |
| b | MG | FE2 | Left IR |
| C | Chain note | FE3 | Right IR |
| D | Size | FE6 | Clear |
| E | Double note | FE7 | Disc code |
| F | Slope | FE9 | Magnetic |
| H | Half note | FEA | UV light |
| | | | |
| | | | |