

# SD-800

## CURRENCY DISCRIMINATOR

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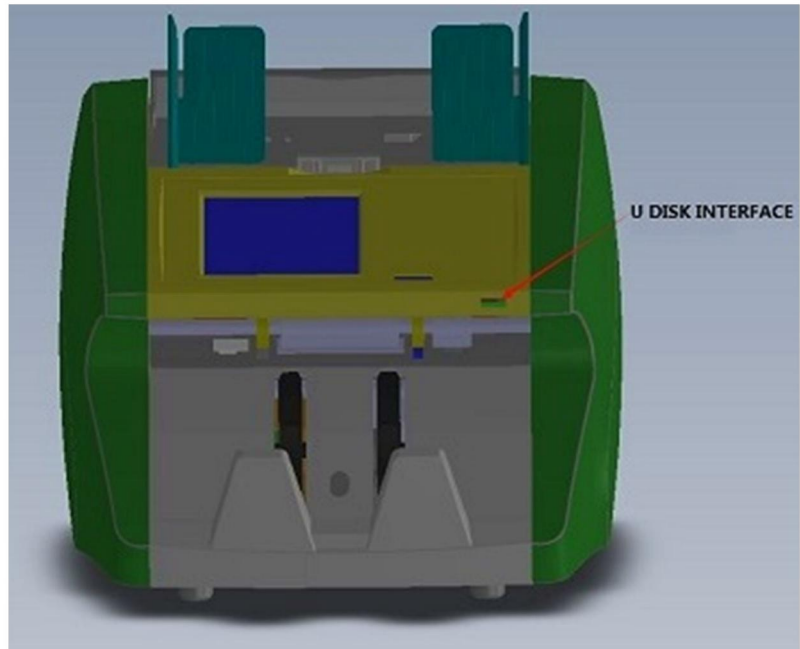


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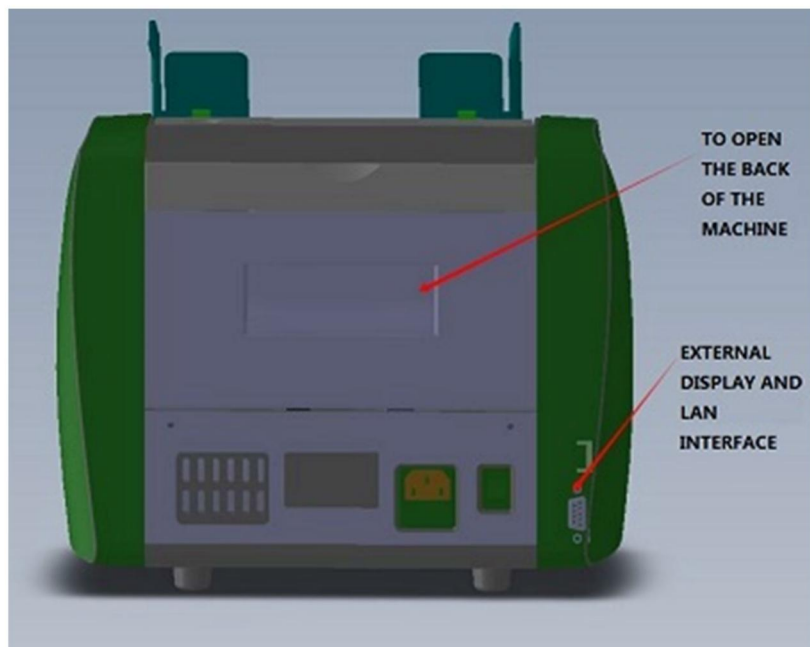
**OPERATIONAL MANUAL V1.0**

## **I. Brief Introduction to the Machine:**

### **A. Outer look of the machine:**



**FRONT VIEW**

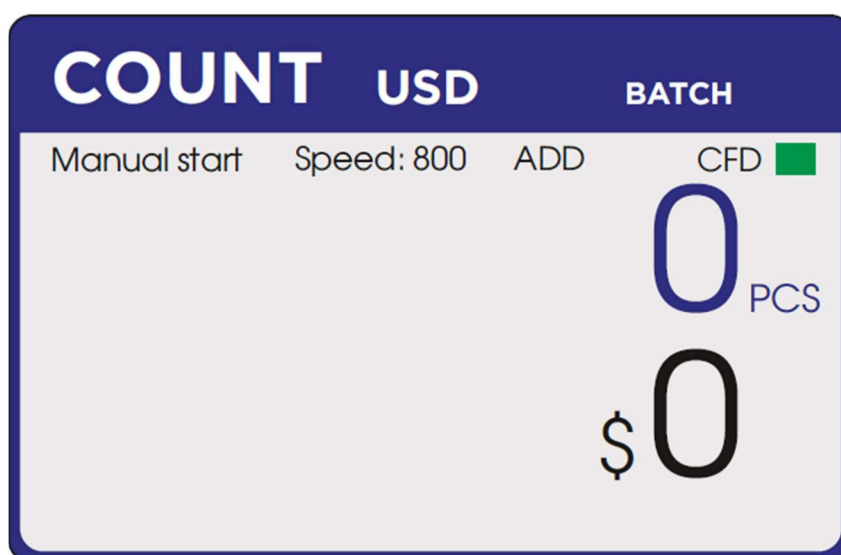


**BACK VIEW**

B. Operation Panel and the main interface:



**FRONT PANEL**



**MAIN DISPLAY**

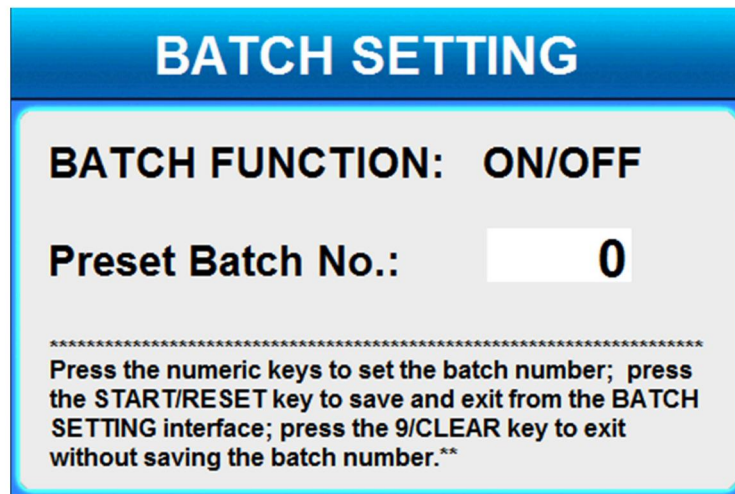
**II. Function keys on the front panel:**




Press the key to choose the counting mode include MIXED, SINGLE and COUNT modes.



Press the key and the display will show:



Press the 10 numeric batch keys from 0 to 9 to set the batch number. And the batch function will be ON. Press the  key to clear the batch number and the batch area will show 0, and the batch function will be OFF.



Press the key to read the counting result, and the display will show:

| MDC   |     |        |
|-------|-----|--------|
| DENOM | PCS | AMOUNT |
| 500   | 0   | 0      |
| 200   | 0   | 0      |
| 100   | 0   | 0      |
| 50    | 0   | 0      |
| 20    | 0   | 0      |
| 10    | 0   | 0      |
| 5     | 0   | 0      |
| TOTAL | 0   | 0      |



Press the key to choose the current counting currency. And the display will show:





Press the corresponding number to choose the currency and exit.  
Please note the machine also provides AUTO.C and MIX.C modes in the currency selection, and their functions are:

AUTO.C -- automatically recognize the currency and the denomination of first banknotes to be counted, and all the different banknotes will go to the reject pocket.

MIX.C -- mixed currency counting, i.e. the machine will recognize and count all the currency and denomination of the banknotes.



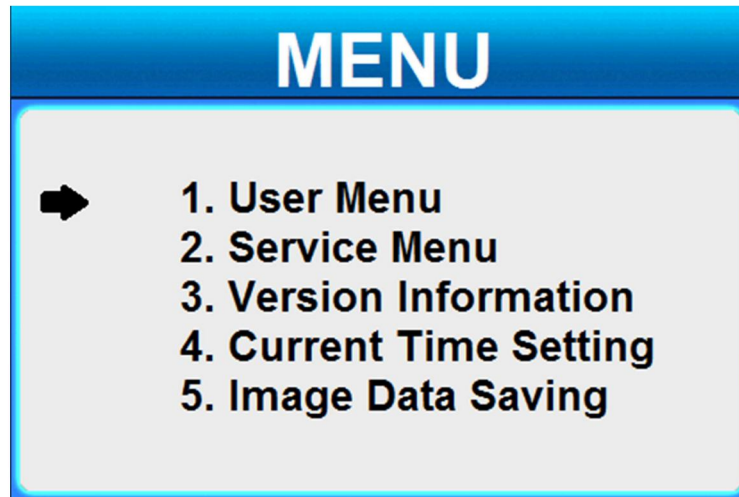
Press the key to enter confirm the selection and exit from the corresponding interface. And also press the key after the counting process to print the counting result.



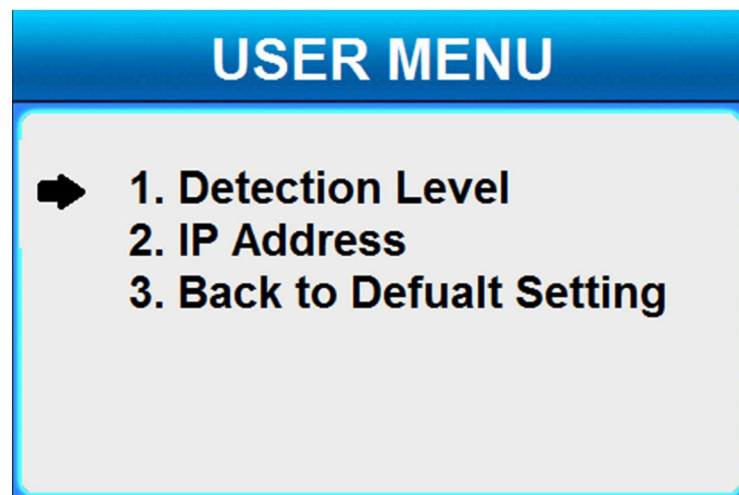
Press the key to start the machine and to exit without saving the change.



Press the key to enter the setting menu of the machine as below:  
Please note that you'll need PIN to enter the service menu.



MAIN SETTING MENU



USER MENU



SERVICE MENU



Press the key to change the counting speed of the machine,

when the batch function is off.



When the batch function is off, press the key to turn on/off the manual/auto counting.



When the batch function is off, press the key to turn on/off the adding function.



When the batch function is off, press the key to clear the count result back to 0.

### **III. Maintenance:**

- A. The machine should be operated in the room, avoiding strong light and the interference of the strong electromagnetic interference.
- B. Make sure that all the rollers in the machine away from any oily stuff, or the friction of the rollers will be affected, which directly leads to inaccurate counting.
- C. When conducting the maintenance and cleaning to the transmission paths, please slowly close the upper mechanism or the back transmission fender, and make sure everything's in position, then press down the twist lock in position with force.
- D. A thorough cleaning of the dust in the feeding paths needs to be conducted every week, especially the following optical parts:

### **IV. The Elimination of General Errors**

### **V. The calibration of the CIS sensor**

### **VI. How to check the image data and save the data**

### **VII. The upgrade of the machine**