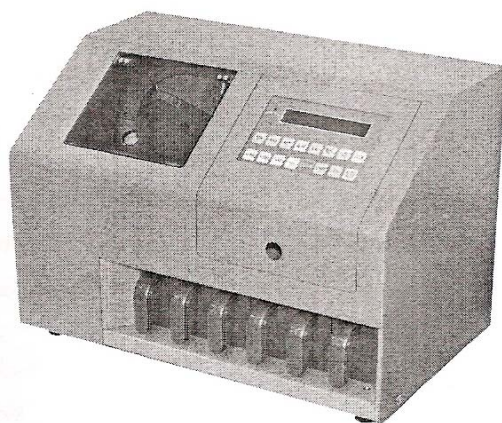


**COIN SORTER  
CS-600**

**OPERATION INSTRUCTIONS**



## 1、 Introduction

CS-600 coin sorting machine can sort six kinds of coin in the same time and count, display, store and print the counting number, the value of each coin and the counting sum, the value sum of all coins.

## 2、 Safety

To use the machines securely:

Three-hole plug which can be grounded to the building ground should be used for the power supply.

Unplug the machine before moving it.

Do not place your head, hand, tools and clothes near the hopper to avoid being injured and malfunctioning the machine.

Don't open the cover during the operation. When opening the hopper make sure that the machine is not in operation.

Use the power cable and communication cable supplied with this machine.

To make the most use of the machine:

Avoid operation under direct sunlight.

Don't press the operation-keys with the pointed tip of pencil or the like.

Don't spill liquids on or near the machine.

For maintenance, use specified parts; no improper maintenance please.

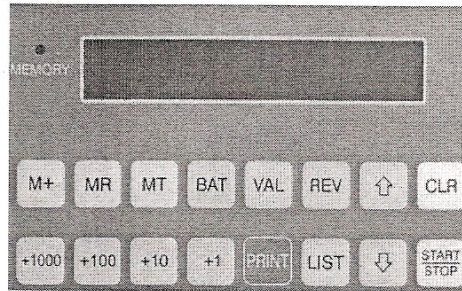
## 3、 Specifications

Sorting speed	approx. 600coins/per min.
Hopper capacity	approx.600pcs.
Coin denomination	diameter 14-31mm
Coin thickness	≅4mm
Sorting number	1-6 different coins.
Dimension :	318×280×480mm
Weight:	23Kg
Power Consumption	380W

Power Supply	AC 120V ± 10%, 60Hz or AC 220V ± 10%, 50Hz
Display	8 Digits (LED Display)
Ambient Temperature	0-40C°
Humidity	30-75%

#### 4、 Display and Operation:

4.1 The display is as follows:



4.2 Keys:

- 1) **START/STOP**: Start and Stop;
- 2) **LIST**: List counted results
- 3) **↑** and **↓**: Select the list of different Channels
- 4) **CLR**: Clear;
- 5) **REV**: Reverse Rotating of the motor;
- 6) **VAL**: To switch the display between amount and quantity. Value setting Keys;
- 7) **BAT**: Batch setting;
- 8) **MT**: Memory;
- 9) **MR**: Read Memory;
- 10) **M+**: Accumulate the current counted number with previous data and save;
- 11) **PRINT**: Print;
- 12) **+1000**、**+100**、**+10**、**+1**: Numeric keys.

4.3 Displaying modes:

4.3.1 Display modes:

- 1) Quantity display : , no decimal point;
- 2) Amount display: , with the point;
- 3) Total display: , No Channel number
- 4) Single Channel display: 1- , With Channel number "1-"

4.4 Operation:

4.4.1 Turn on: The start display is the total quantity display, no channel number



or decimal point

4.4.2 Start:

Press **START/STOP** to start, automatically enter amount display mode, without channel number or decimal point.







After start, the motor rotates and counting starts.

4.4.3 Switch between total / single channel:

- 1) Under Total mode, press **LIST** key to enter single channel display

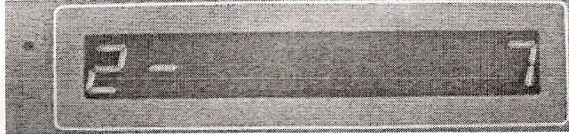


mode, with channel number in the front, as is shown above.

- 2) Under Single channel modes, press ,  key to select different channels. Under total mode, ,  keys are void.
- 3) Under single channel modes, press **LIST** key to enter Total mode.
- 4) Under single channel modes, press **START/STOP** key to return to total

amount display and motor starts to count.

4.4.4 Switch between quantity/amount: Press **VAL** key to switch the two modes.



4.4.5 Data save:

A. Press **MT** key to save the data and the indicating lamp is on (as is shown below):

B. Indicating lamp ON means the channel is with data saved inside.;

C. Under single channel modes, press **MT** to save only the data of this channel;

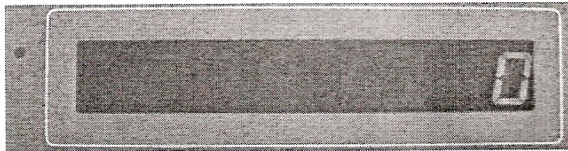


D. Under total mode, press **MT** to save the data of all the channels.

4.4.6 Data Clearance:

A. Under single channel modes, press **CLR** to clear only the data of this channel;

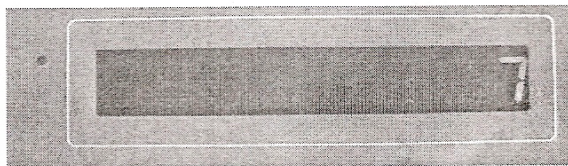
B. Under total mode, press **CLR** key to clear all the data (as is shown below).



4.4.7 Read out the memory:

A. Under single channel modes, press **MR** to read out only this channel;

B. Under total mode, Press **MR** to read the total (as is shown below).



4.4.8 Memory Clearance:

- 1) First press **CLR** key to clear the current data;
- 2) Then press **MT** to clear data. After data is removed, the indicating lamp goes out.

Similar to data saving procedure:

- A. Under single channel modes, clear only this channel;
- B. Under total mode, clear the all the data.

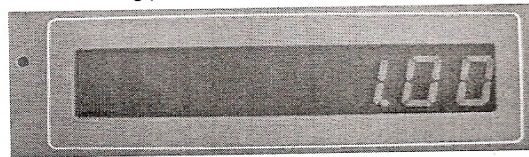
4.4.9 Accumulation saving:

Press **M+** key to accumulate the current data with the previously counted data,



then save it and the display displays zero.

Similar to data saving procedure:



- A. Under single channel mode, accumulate only the data of this channel;
- B. Under total mode, accumulate the data in all the channels.

4.4.10 Value setting:

Pressing **VAL** key while turn on the power to enter value setting mode, as



follows

- A. Press **CLR** key to clear to Zero;
- B. **+1000**, **+100**, **+10**, **+1** keys are for value setting;

①  $+1000$  is 10,  $+100$  is ,  $+10$  is 0.1,  $+1$  is 0.01;

② One press increase the digit by 1. e.g. press  $+1$  key once is 0.01, double press is 0.02;

C. Press  $\uparrow$  and  $\downarrow$  to select different channels.

D. After setting, press  $VAL$  key to exit and enter total display.

#### 4.4.11 Jam-clearance:

If coins are jammed in the disk, press  $REV$  key to reverse the motor;

1) When motor reverses, only  $REV$  and  $START/STOP$  key are operatable.

2) Exit the reverse:

A. Press  $REV$  key to stop;

B.  $START/STOP$  key to enter standby status.

#### 4.4.12 Error indication:

During counting, error may occur and it will display error information (as



below), and motor stops.

When Error occurs, remove the objects on the rail and press any key to return to normal standby status.

**Note:** If foreign object blocks the rail, the coins may roll down without being detected and counted. Then the counted amount may varies from the actual one. Please check and remove all the foreign objects which is mixed into the coins before counting.