Content

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction</td>
<td>3</td>
</tr>
<tr>
<td>Specifications</td>
<td>4</td>
</tr>
<tr>
<td>Key Panel</td>
<td>4</td>
</tr>
<tr>
<td>Precautions</td>
<td>5</td>
</tr>
<tr>
<td>Operating Procedures</td>
<td>5</td>
</tr>
<tr>
<td>Operating Procedures for sorting the mixed coins</td>
<td>8</td>
</tr>
<tr>
<td>Set up the Coin Tube Holder</td>
<td>9</td>
</tr>
<tr>
<td>Troubleshooting</td>
<td>10</td>
</tr>
<tr>
<td>Daily Maintenance</td>
<td>11</td>
</tr>
<tr>
<td>How to Replace the V-Belt</td>
<td>12</td>
</tr>
</tbody>
</table>
Introduction

The coin counter is a heavy duty, high speed coin counting machine. Before operating the machine, please read this manual carefully. Do not operate the machine until you understand the contents of this document.

Should you have any questions, please contact local distributor or sales agent for further advice.
Specifications

Counting Speed ............... 2300 Coins/Min. (Max)
(for coins with a diameter of 15 mm or .5906 inches)

Hopper Capacity .............. 3000 pcs (Max) without the Hopper Extender installed
9000 pcs (Max) with the Hopper Extender installed
(for coins with a diameter of 15 mm or .5906 inches
and a thickness of 1.1 mm or .0433 inches)

Countable Coin Size .......... Thickness 0.7 to 3.9 mm
Diameter 14 to 34 mm

Max Counting Display ......... 999999

Power Consumption ............ 70 W

Power Requirements .......... AC 120V±10%, 60Hz
or AC 220V±10%, 50Hz

Dimension .................... 270 (w) x 362 (d) x 235 (h) mm

Net Weight .................... 11 kg

Key Panel

Key Function

<table>
<thead>
<tr>
<th>Key</th>
<th>Function Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Start/Stop</td>
<td>The machine will start counting or stop counting.</td>
</tr>
<tr>
<td>CLR</td>
<td>Clear the present count number.</td>
</tr>
<tr>
<td>ACCUM</td>
<td>Select the accumulation mode on or off. In the Accumulation Counting mode, the LED Indicator of the Accumulation Mode will be on.</td>
</tr>
<tr>
<td>MEM</td>
<td>Add the present count number into memory. Press and hold this key for five second, the display will show the count number in the memory and clear the memory.</td>
</tr>
<tr>
<td>BATCH</td>
<td>Select the preset batch counting number.</td>
</tr>
<tr>
<td>∞</td>
<td>Enter into the Continuous Counting Mode.</td>
</tr>
<tr>
<td>+1</td>
<td>Increase the batch number by one.</td>
</tr>
<tr>
<td>+10</td>
<td>Increase the batch number by ten.</td>
</tr>
<tr>
<td>+100</td>
<td>Increase the batch number by hundred.</td>
</tr>
<tr>
<td>+1000</td>
<td>Increase the batch number by thousand.</td>
</tr>
</tbody>
</table>
Precautions

- Before putting the coins into the Hopper, please remove all paper scraps, lint, rubber bands, etc., which may be mixed with the coins.
- Foreign objects may cause jamming or faulty counting.
- Do not open the Top Cover when coins are in the Hopper.
- When using a bag to collect coins, please place the bottom of the coin bag on the floor, or on a stand, to prevent the machine from tipping over.

Operating Procedures

- If you have a large quantity of coins to be counted, install the Extended Hopper (supplied).

- Turn on the power switch, the display will show “0”, the machine is ready to start counting.

- Set the Coin Diameter Adjusting Knob to the desired denomination according to the diameter of the coin.
- Set the Coin Thickness Adjusting Knob to the desired denomination according to the thickness of the coin.

- Fix a coin bag, or a coin tube onto the Coin Outlet Attachment. Install the Coin Reject Box onto the side of the machine.

- Put the coins into the Hopper and press [START/STOP] key. Counting will begin. When the count total reaches the batch quantity, or no coin in the hopper, the machine will automatically stop.

- If the present counting should be stopped halfway, press [START/STOP] key, the counting will stop. With [START/STOP] key pressed again, the machine will restart. The previous counts are retained and new count will be added to them.
• When counting is completed, press **CLR** key to clear the display. The count display will reset to “0”. Or press **MEM** key to add the count total into memory. The count will be added into memory and the count display will be cleared to zero. Press and hold **MEM** key for five seconds and the display will show the total count stored in memory.

**Accumulation Mode:**

• Press **ACCUM** key to activate or deactivate the Accumulation Counting Mode. In the Accumulation Counting mode, the LED Indicator of the Accumulation Mode will be on, and the count for the current batch of coins will be accumulated or added to the previous total.

**Batch Mode:**

• Press **BATCH** key. The LED Indicator of the Batch Mode will be on. The default batch quantities are: 20, 25, 40, 50, 1000, 2000, 2500, 4000, 5000, and 10000. By pressing **+1000**, **+100**, **+10**, **+1** keys, you can adjust the batch quantity to desired number. The default batch quantities can be changed as following steps:

• Press both **BATCH** key and **MEM** key, then turn on the power, the machine will enter into the “batch changing mode” and the display show “bAtSEt”.

---

*High speed coin counter operation instructions*
- Press **BATCH** key to select the Memorized default batch quantities which you want to change; Change the selected default batch quantities by pressing $+1000$, $+100$, $+10$, $+1$ key.

- Press **MEM** key, save the amended default batch quantities in the memory, the previous default batch quantities will be replaced.

- Turn off the power and turn on again, check if the default batch quantities have been changed correctly.

**Operating Procedures for sorting the mixed coins**

Before putting the coins into the Hopper, please remove all paper scraps, lint, rubber bands, etc., which may be mixed with the coins. Foreign objects may cause jamming or faulty counting.

- Set the Coin Diameter Adjusting Knob and the Coin Thickness Adjusting Knob to the position of the biggest and thickest coin in the mixed coins.
• Fix a coin bag, or a coin tube onto the Coin Outlet Attachment. Install the Coin Reject Coin Bag Attachment onto the side of the machine, then install the Coin bag on it. Be sure the machine does not tip over.

• Put all the mixed coins into the Hopper and press the START/STOP key to start the counting. The machine will stop when the count total reaches the batch quantity (in batch counting mode), or after the machine completes counting all the coins in the Hopper (in continue counting mode). The counted number will be shown on the display. After you finished the counting all coins in the hopper, all the small coins will be rejected into the Reject Coin bag. Then put all rejected coins into the Hopper again to sort out the next biggest coins.

• Set the Coin Diameter Adjusting Knob and the Coin Thickness Adjusting Knob to the position of the next biggest coin in the mixed coins, and you can follow the above steps to sort out all the next biggest coins in the mixed coins.

Set up the Coin Tube Holder (option)

• Unscrew the knob.

• Attach the Coin Tube Holder, replace knob to lock into place.
- Attach the Coin Wrapper Stopper hooks on.

- Select the Coin Interior Tube and Paper Tube according to the denomination of the counted coins. Drop the Coin Interior Tube down into the Tube Holder.

- Put the Paper Tube into the Coin Interior Tube and fall on the Coin Wrapper Stopper.

- According to the coin quantity of each paper tube, select the batch quantity (in batch counting mode), then start counting. The machine will stop when the count total reaches the batch quantity. All the counted coins will drop into the Paper Tube, push the Coin Wrapper Stopper, backward, take out the Paper Tube and envelop it.

Troubleshooting

- Coin Runway Jamming:
  When coins are jammed in the coin runway of the machine, rotate the diameter knob counter-clockwise to release the left guide plate. The jammed coin will fall into the Rejected Coin Box, and then you can re-adjust the diameter knob again.

- Centrifugal Disc Jamming:
  If foreign objects are mixed with coin in the Hopper, jamming may occur between the Centrifugal Disc and the Coin Guide Plate.
- Remove all the coins in the Hopper and open the Top Cover by pulling the Cover Open Lever towards you.

- Then, pull up the Front Feed Pulley Arm and push & pull the Lock Plate upward to remove the foreign objects. (There is a diagram on the Side Cover to show how to open it.)

- Restore the thickness adjustment Block and Front Feed Pulley Arm, close the Top Cover.

- The LED display “JA”:
  If the Counting Sensor is covered by dust, the LED will display “JA”, please remove the V-Belt, clean the Counting Sensor using a cotton stick with denatured alcohol.

Daily Maintenance

- Be certain to turn the main power off before attempting daily maintenance.
- Clean the coin runway and the count sensor at least once a day with a brush.
- Check whether the feed belt is dirty or worn. If it is dirty, clean it using a soft cloth saturated with denatured alcohol. If it is worn, replace it with a new belt.
- If the machine requires service or additional repair parts, please contact your local distributor.
How to replace the V-belt

- Open the upper cover, pull the Front Feed Pulley Arm upward, then remove the V-Belt 322 and V-belt 564 from the machine, then, put on a new V-Belt on the Pulleys.

- Remove the Rubber Washer on the Plastic Pedal; unscrew the four screws in the Plastic Pedal.
- Unscrew the screw 1 and screw 2, rotate the Coin outlet Sleeve, then you can screw off it from the machine.
- Pull the Bottom Cover upward; remove the Bottom Cover from the machine.

- Remove the V-belt 350 and fix a new belt on the pulley, the tension can be adjusted by adjusting the position of the Pressure Roller Base.

*** In the interests of our policy of continual product improvement, specifications are subject to change without notice ***