



Safescan

1550

Safescan 1550
Professional high speed
coin counter



User Manual

Safescan 1550

Professional high speed coin counter

Introduction

Thank you for choosing the Safescan 1550 professional high speed coin counter. The Safescan 1550 is an outcome for organizations that deal with large quantities of coins, such as amusement companies, supermarket chains and financial institutions. But the appliance is also suitable for smaller companies who find speed important. The machine 'processes' more than 2000 coins per minute and offers professional adding up and exact change functions. Moreover 'foreign' coins are automatically sorted out. Robust, extremely fast and accurate? The Safescan 1550!

Warning

Do not install in the following places:

- On slopes or places with steps
- Where equipment may be exposed to direct sunlight
- Where excessive dust may be encountered
- Near water
- Where equipment may be subject to vibrations
- Near dangerous objects
- Operate at a location where an outlet is available nearby and where the plug can readily be removed.

General

- Only use sorted coins. Do not mix coins
- Use on a flat and stable surface
- Do not disassemble the machine
- Before putting the coins into the hopper, please remove all paper scraps, lint, rubber bands, etc.
- Foreign objects may cause jamming or faulty counting
- Do not open the Top Cover when there are coins in the Hopper
- When using the coin bags, please place the bottom of the coin bag on the floor, or on a stand, to prevent the machine from tipping over.

Power

- Only use the machine with the factory supplied power adapter
- Do not use a damaged or wet power mains cord
- Do not connect the power mains cord with wet hands.

Maintenance

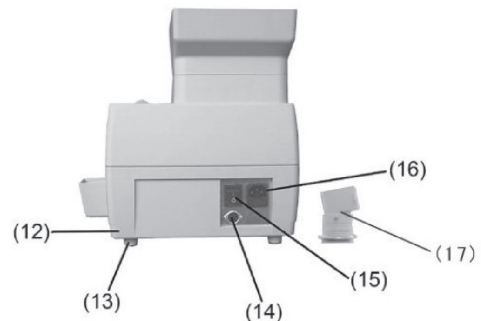
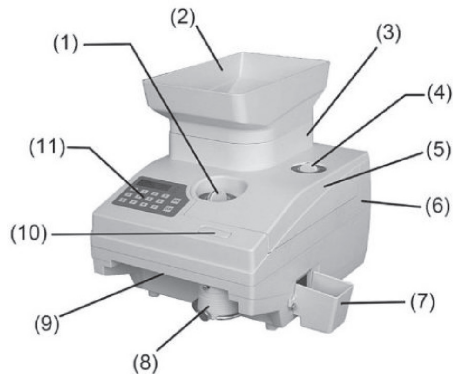
- Always switch the power off during cleaning
- Clean the machine with a dry cloth. Do not use wet or damp cloth or cleaning products
- Do not spill any liquid or spray chemicals over the equipment. If any liquid is spilled on it, disconnect the power cable from the supply.

PACKAGE CONTENTS

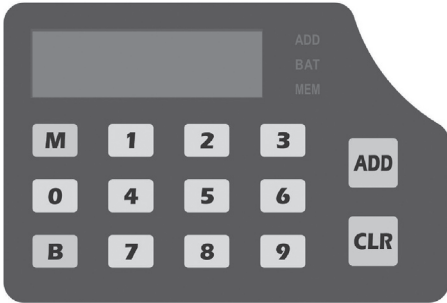
1. Safescan 1550 machine
2. Rejected coin tray
3. Extended hopper part
4. Coin bags (2x)
5. Coin bag connector
6. Coin rings for Euro, Pound sterling, Swiss Francs, mm and blanc universal coin rings for all currencies
7. Power mains cords with Euro and UK plug (2x)
8. V-Belts (2x)
9. User Manual

1.0 GENERAL PARTS AND CONTROLES

1. Diameter adjusting key
2. Hopper extension part
3. Hopper
4. Thickness adjusting key
5. Side cover
6. Top cover
7. Rejected coin tray
8. Coin outlet
9. Upper cover release bar
10. START/STOP key
11. Control panel
12. Back cover
13. Rubber foot (4x)
14. Remote display socket
15. Power switch
16. Power inlet
17. Coin bag connector



2.0 CONTROLE PANEL



KEY	FUNCTION DESCRIPTION
NUMERIC KEYS (1-9)	Use these keys to enter batch numbers
B	Press this key to select default batch numbers
M	Press this key to add the present count results to memory. Press 'n hold this key for five seconds, the screen will display the count results in the memory and clear the memory.
ADD	Press this key to enter the add function
CLR	Press this key to clear the current counting results

3.0 OPERATING THE MACHINE

3.1 EXTENDED HOPPER PART

When counting a large quantity of coins, mount the extended hopper part.

To dismantle the extended hopper, push the point on the hopper as shown on the image to release the plastic hook while pulling upward the extended Hopper.



Note:

Before inserting the coins into the hopper, please remove all paper scraps, lint, rubber bands, etc., which may be mixed with the coins.

3.2 COUNTING COINS

Turn ON the power switch, the display will show "0", the machine is ready to use.



Turn the coin diameter adjusting key to the desired denomination.
Or turn the adjusting key to the diameter of the coin in millimeters.



Set the coin thickness adjusting key to the desired denomination.
Or turn the adjusting key to the thickness of the coin in millimeters.



Fix a coin bag, or a coin tube onto the coin outlet attachment.
When using a coin bag, please place the bottom of the coin bag on the floor, or on a stand, to prevent the machine from tipping over.



Install the rejected coin tray on the side of the machine.
When counting a lot of mixed coins, install the coin bag connector on the rejected coin outlet and attach the coin bag.



Place the coins into the hopper and press [START/STOP] to start counting.



Note:

The machine will stop automatically and turns in reverse direction for 1 second and continue counting in following conditions:

- Coin Jam
- All the coins are counted

If the counting sensor can not find any coin in 3 seconds again, the machine will reverse and stop automatically.

When a batch number is set (3.6) and the count total reaches the batch quantity, the machine will stop immediately. Press [START/STOP] again to continue counting.

3.3 CLEAR COUNTING RESULTS

When finished counting, press [CLR] to delete the counting results. The screen displays “0”.

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.



3.4 MEMORY FUNCTION

To store counting results press [M]. The machine stores the results in memory and clears the display back to [0]. When proceeding counting press [M] again to add the new counting results to the memory.

To view the counting results from memory press 'n hold [M] for 5 seconds.

The screen will display the total counting results stored in memory.



3.5 ADD FUNCTION (ACCUMULATION MODE)

Press [ADD] to add up multiple counts.

When ADD function is activated the “ADD” indicator light lights up.



3.6 BATCH MODE

3.6.1 Batch counting using the numeric keys

Use the numeric keys to set a specific batch amount. Press [START/STOP] to start counting. The machine automatically stops when the batch amount is reached.

Press [CLR] to clear the current batch amount.

3.6.2 Batch counting using default batch quantities

Press [B]. The batch mode will start. Keep pressing [B] to scroll through the default batch quantities (20, 25, 40, 50, 100, 200, 500, 1000, 5000)

Press [CLR] or [0] to clear the current set batch amount.

3.6.3 Set preset batch amounts

Turn ON the Power while pressing [B] and [M].

The machine will start in the “batch Reset mode” The display shows “bAt-SEt”.

Press [B] to select the default stored default batch quantities which you want to change.

Change the selected default batch quantities using the numeric keys.

Press [M] to store new set default batch quantity.



3.7 COUNTING MIXED COINS

To successfully count unsorted coins always start with the coin denomination with the biggest diameter.

All coins with a smaller diameter are automatically sorted out to the rejected coin outlet. After counting the coin denomination with the biggest diameter, proceed counting the next denomination with the following next biggest diameter.

Set the coin diameter and the coin thickness adjusting key according to the size of the biggest coin dimensions.

Install the coin bag connector on the side of the machine (rejected coin output) and attach the coin bag.



Insert the unsorted coins into the hopper and press [START/STOP] to start counting. All coins with the correct diameter will be counted. Coins with a smaller diameter are automatically sorted out to the rejected coin outlet.

When finish counting the first coin denomination, start the ‘mixed coin procedure’ for the next denomination with the biggest diameter. Repeat this procedure till the last denomination with the smallest diameter is counted.



4.0 TROUBLE SHOOTING

4.1 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.

4.2 CENTRIFUGAL DISC JAMMING

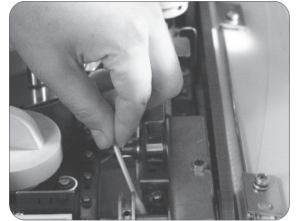
If foreign objects are mixed with coin in the hopper, jamming may occur between the centrifugal disc and the coin guide plate.

- Open the Side Cover.
- Then, pull up the front feed pulley arm and push & pull the lock plate upward to remove the foreign objects.



4.3 THE SCREEN DISPLAY 'JA'

If the counting sensor is covered by dust, the LED will display 'JA'. Remove the V-Belt, clean the counting sensor using a cotton stick with cleaning alcohol.



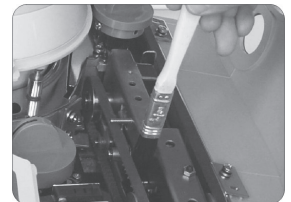
5.0 MAINTENANCE

5.1 DAILY MAINTENANCE

Note:

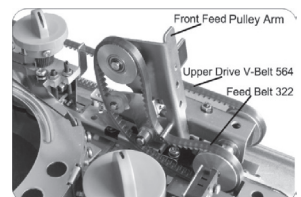
Always switch OFF the main power before starting daily maintenance.

- Clean the coin runway and the counting 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 piece of soft cloth saturated with denatured alcohol. If it is worn, replace it with a new belt.

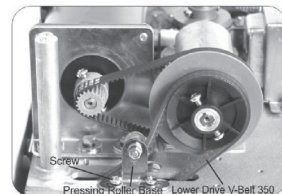
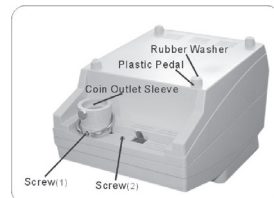
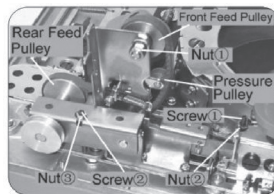


5.2 HOW TO REPLACE THE V-BELT

- 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, install a new V-Belt on the Pulleys (enclosed in the box) .



- The tension of the feed belt can be adjusted by adjusting the position of the nut 1.
- The height of the front feed pulley can be adjusted by adjusting the position of screw 1.
- The height of the rear feed pulley can be adjusted by adjusting the position of the screw 2.
- Then tighten the nut 1, nut 2 & nut 3.
- 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 chute so you can unscrew 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 pressing roller Base.



6.0 TECHNICAL SPECIFICATIONS

Counting Speed	2300 Coins/Min.
Hopper Capacity	3600 coins (without the hopper extender installed for coins diameter of 15 mm and thickness of 1.1 mm.) 12000 coins (with the hopper extender installed for coins diameter of 15 mm and thickness of 1.1 mm.)
Countable Coin size	Thickness: 0.7 to 3.9 mm (.0275 to .154 inches) Diameter :14 to 34 mm (.55 to 1.33 inches)
Max. Counting display	9999999
Counting Mode	Continuous Counting Mode Batch Counting Mode Accumulation Counting Mode
Power Consumption	70 W (During operation)
Power Requirements	AC 120V \pm 10%, 60Hz or AC 220V \pm 10%, 50Hz
Dimension	270 (w) x 362 (d) x 240 (h) mm 10.63 (w) x 14.25 (d) x 9.45 (h) inches
Net Weight	11 kg or 24.2 lbs

7.0 WARRANTY

WARRANTY PROCEDURE

Contact Safescan for assistance: www.safescan.com or email support@safescan.com



Safescan

www.safescan.com