S1070

PORTABLE BILL COUNTER MGUV

SILVER

Thank you for purchasing a *SILVER* product.

It is highly recommended to read this user

guide carefully to get familiar with all its functions

before starting to operate the machine.

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Safety Instructions

Warning

	Do not use this product in areas where it may be exposed to water or other liquids.
	Unplug this product from the electric outlet before cleaning. Do not use liquid or aerosol cleaners. To clean, use a damp cloth.
	To reduce the risk of electric shock, do not disassemble this product. Take it to qualified service personnel when service or repair work is required. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electric shock when the appliance is subsequently used.
	Only use the cable provided with the unit. The use of other cables may result in electric shock, fire, or cause serious damage to the unit.
	Do not operate the unit in areas with high temperature or high humidity since it may prevent it from working correctly.

Caution

When unplugging the power cord, do not pull it by the cord, but rather grip the plug to pull it out. Not following these instructions may result in electric shock, fire, or damage to the unit.

Do not use the unit if the power cord is damaged or if the plug socket contact is loose. Not following these instructions may result in electric shock, fire, or other hazards.

Do not place heavy objects over the cord and do not bend it excessively since it could get damaged. Not following these instructions may result in electric shock, fire, or other hazards.

When not using the unit for a long time, remove the power plug from the electric outlet.

Safety Instructions (cont.)

- Read and understand all of the safety instructions.
- Follow all warnings and instructions marked on the unit.
- This product is meant to be operated in an indoor environment with proper ventilation.
- Do not place near direct sunlight, heat sources, or air conditioners.
- This product should only be operated with the power cord supplied and the type of power source indicated in this user guide. If you are not sure of the type of power supply in your location, consult your vendor or local power company.
- To avoid the risk of fire or electric shock, never push objects into the unit through the case slots or openings, since they may touch dangerous voltage points or shortcut parts. Do not disassemble the unit.
- Never spill liquids of any kind on the product.
- Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
    - When the power supply cord or plug is damaged or frayed*
    - If liquid has been spilled into the unit, or it has been exposed to rain or water*
    - If the product has been dropped or the case has been damaged*
    - If the product shows a noticeable change in performance

    *Not covered under warranty

NOTE: *Do not remove the "ground" prong from the power cord. It is a safety feature meant to protect the user from harm and the equipment from damage.*

If the unit does not operate normally while following the instructions, adjust only those controls covered by the operating instructions. Improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.

1. Introduction

Compact and economical, the S1070 Portable Bill Counter MGUV is perfect for any business looking to count bills on a budget. With UV/MG counterfeit detection and a max counting speed of up to 1,500 bills per minute, the S1070 offers versatility and efficiency all packed into its lightweight frame.

Counterfeit Detection: The S1070 comes with UV/MG counterfeit detection to help detect fake bills.

High Performance: High counting speeds of up to 1,500 bills per minute allows you to get the most out of your compact bill counter.

Lightweight: At less than 6 lbs, the S1070 is easy to clean and transport.

2. Battery Installation

Battery optional / sold separately

The battery compartment is located at the bottom of the equipment. Remove the screw and cover of the battery compartment and connect the battery properly. Put the cover back in place and tighten the screw.

3. Box Contents

When opening the box, verify that all the items detailed below are included. If any item is damaged or missing, contact the dealer where the unit was purchased.

1. S1070 Bill Counter and external auxiliary display
2. Power Cord
3. User Guide
4. Warranty Booklet

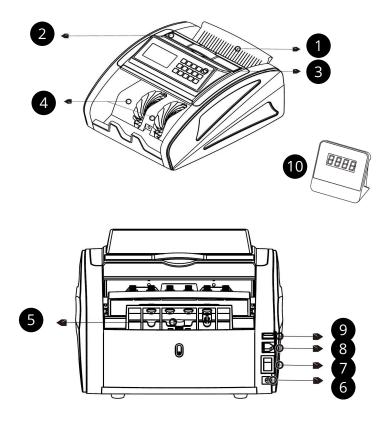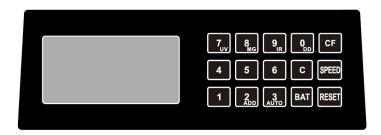# 4. Equipment Overview

4.1 Part Description

1. Hopper
2. Handle
3. Control Panel
4. Stacker Plate
5. Thickness Adjustment Knob

6. Power Cable Connector
7. On / Off Switch
8. Auxiliary Display Jack
9. Update Port (USB)
10. Auxiliary Display

4. Equipment Overview (cont.)

4.2 Control Panel Functions

1. **UV:** Ultraviolet Detection Function ON / OFF
2. **MG:** Magnetic Detection Function ON / OFF
3. **DD:** Size Verification Function (Bill width)
4. **IR:** Adjusts the intensity of the counting sensors
5. **BAT:** Enables or disables batch counting
6. **AUTO:** Automatic or Manual start mode selection
7. **RESET:** Used to start counting / Activation of Manual Counting Mode
8. **SPEED:** Select counting speed 1000, 1200 or 1500 bpm
9. **C:** Clear the data of a previous count before starting a new count
10. **Numeric Keypad (0-9):** Used to select the desired batch count or sensitivity level for each sensor
11. **ADD:** ADD function ON / OFF. With the ADD function activated, the unit counts all the bills consecutively, always showing the total amount accumulated.
12. **CF:** Counterfeit Detection function selection key. Press this key, then press the function key desired to activate or deactivate the function. (UV, MG, etc.)
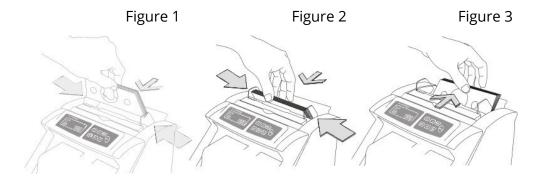
5. Operation

5.1. Placing Bill

⚠️ **VERY IMPORTANT**
Back-loading machines are very sensitive to the proper positioning of the bills on the hopper. Continuous errors may occur during counting due to incorrect positioning of the bills. Proceed with the following instructions for placing bills on the hopper properly.

Proper positioning of the bills on the hopper plate:

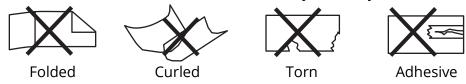1. Place the bills at an angle between the guides as shown in Figures 1 and 2.

2. Swiftly, push the bills with a finger (see Figure 3) to make them rest on top of the hopper plate, in the correct counting position.

| Figure 1 | Figure 2 | Figure 3 |

5. Operation (cont.)

5.1. Placing Bill (cont.)
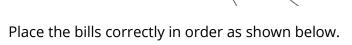
Do not count damp or severely damaged bills.
Do not count broken or wrinkled bills, this may cause a jam.

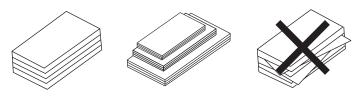| Folded	Curled	Torn	Adhesive

Beware of paper clips, stitching needles, rubber bands etc. on bills to avoid counting errors or jammed bills.

Staples	Paper Clips	Rubber Bands	Coins

After making sure the bills are not stuck together, place them in the hopper.

Place the bills correctly in order as shown below.

5. Operation (cont.)
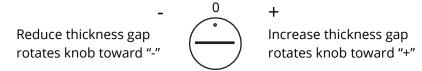
5.2 Sensor Sensitivity Adjustment

The sensitivity of the UV and MG sensors can be adjusted by pressing the corresponding button of the detection feature (for 3 seconds) and selecting the new sensitivity value. The values range from 0-9 where 0 shuts off the feature and 9 is the most sensitive. After the new value has been selected, press the "Restart" key. To reset the factory sensitivity values, press the "C" button for 3 seconds, the bill counter will give a confirmation sound.

5.3 Feeding Channel Adjustment

Check the opening of the feeding channel (where the bills enter the equipment from the hopper). Jamming bills and constant error messages may indicate a need to adjust the gap of the feeding channel. The equipment can be calibrated by rotating the thickness adjustment knob located on the back of the equipment. Rotating the knob clockwise narrows the gap of the feeding channel while rotating the knob counterclockwise widens the gap.

NOTE: For new bills, it is recommended to leave the gap narrow. For used and worn bills, it is recommended to widen the gap.

a. For new (thinner) bills, adjust toward "-" to CLOSE the gap
b. For used (thicker) bills, adjust toward "+" to OPEN the gap
c. Small adjustment toward "+" direction works best

-    0   +

Reduce thickness gap
rotates knob toward "-"

Increase thickness gap
rotates knob toward "+"

6. Maintenance and Error Messages

To ensure efficient operation of the equipment, we recommended cleaning the optical sensors periodically. Dust and dirt could affect its performance.

ERROR	DESCRIPTION	SOLUTION
UU	UV suspicious bill	Remove the suspicious bill and press the "RESET" key to continue counting
MMG	MG suspicious bill	
HALF	Half bill	
dbL	Double bill detected	1. Remove the suspicious bill detected and press the "RESET" key to continue counting 2. Calibrate the feeding channel
dd	Different size detected	
CHN	Chain bill	
ERO	Counting sensor error	1. Clean the counting sensors 2. Contact support
ER1		

7. Specifications

Temperature	32° - 104°F (0° - 40°C)
Humidity	25% - 80%
Display	LCD
Counting Speed (new bills)	1,000 bills/minute 1,200 bills/minute 1,500 bills/minute
Feeding System	Roller Friction System
Feeding Type	Back-loading
Hopper Capacity	150 bills (new bills)
Stacker Capacity	150 bills (new bills)
Power Source (INPUT)	100 - 240 VAC 60/50 Hz
Power Consumption	36 Watts Max. (1.2 Watts Standby Max.)
Accepted Banknote Type	Paper
Accepted Banknote Dimensions (L x W)	3.9 x 2 - 6.7 x 3.2 in 10 x 5 - 17 x 8 cm
Battery Type Specifications	11.1V 2A Lithium Battery
Product Dimensions (L x W x H)	11.4 x 9.6 x 6.9 in (29 x 24.5 x 17.5 cm)
Product Weight	5.5 lb (2.5 kg)

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9AM- 5PM ET Monday through Friday

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