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› DOMENS Money Counter Machine User Manual

DOMENS DMS-1580T BV

DOMENS Money Counter Machine User Manual

Model: DMS-1580T BV

1. INTRODUCTION

The DOMENS Money Counter Machine (Model: DMS-1580T BV) is designed for efficient and accurate counting of banknotes, primarily US Dollars, with advanced counterfeit detection capabilities. This manual provides comprehensive instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your device.



Figure 1: DOMENS Money Counter Machine in operation.

2. SAFETY INFORMATION

Please read and understand all safety warnings and instructions before operating the money counter. Keep this manual for future reference.

- Ensure the machine is connected to a power source within the specified voltage range (DC 85V to 250V).
- Do not expose the machine to water or excessive humidity.
- Keep fingers, hair, and loose clothing away from moving parts during operation.
- Unplug the machine before cleaning or performing any maintenance.
- Do not attempt to disassemble or repair the machine yourself. Contact qualified service personnel for assistance.

3. PACKAGE CONTENTS

Upon opening the package, verify that all the following items are included:

- 1 x DOMENS Money Counter Machine (DMS-1580T BV)
- 1 x US Standard Power Cord
- 1 x Cleaning Brush
- 1 x Spare Fuse
- 1 x Spare Rubber Ring

- 1 x User Manual (this document)



Figure 2: Included accessories and main unit.

4. PRODUCT OVERVIEW

Familiarize yourself with the main components of the money counter:



Figure 3: Key components of the money counter.

- **Hopper:** Where bills are loaded for counting.
- **Handle:** For easy portability of the machine.
- **LCD Display:** Shows counting results, modes, and error messages.
- **Control Panel:** Buttons for mode selection and operation.
- **Impeller:** Internal mechanism that feeds bills.
- **Stacker:** Where counted bills are collected.
- **Front Platform:** Supports bills as they are fed.
- **Adjusting Screw:** Used to adjust bill feeding tension.
- **Power Switch:** Turns the machine on/off.
- **Power Input:** Connects the power cord.
- **Cooling System:** Ensures stable operation.

5. SETUP

1. **Unpacking:** Carefully remove the money counter and all accessories from the packaging.
2. **Placement:** Place the machine on a stable, flat surface, ensuring adequate ventilation around the cooling

system.

3. **Power Connection:** Connect the US standard power cord to the power input on the machine and then to a suitable electrical outlet (85V-250V).
4. **Power On:** Flip the power switch to the 'ON' position. The LCD display will illuminate.

6. OPERATING INSTRUCTIONS

The DOMENS Money Counter offers multiple operating modes to suit various counting needs.

6.1 Loading Bills Correctly

Proper bill loading is crucial for accurate and smooth counting. Follow these steps:

1. Ensure bills are neat and flat. Straighten any folded or wrinkled bills.
2. Place the wad of bills into the hopper in an orderly manner, ensuring they are aligned.
3. Push the bills backward slightly to ensure proper seating in the hopper.

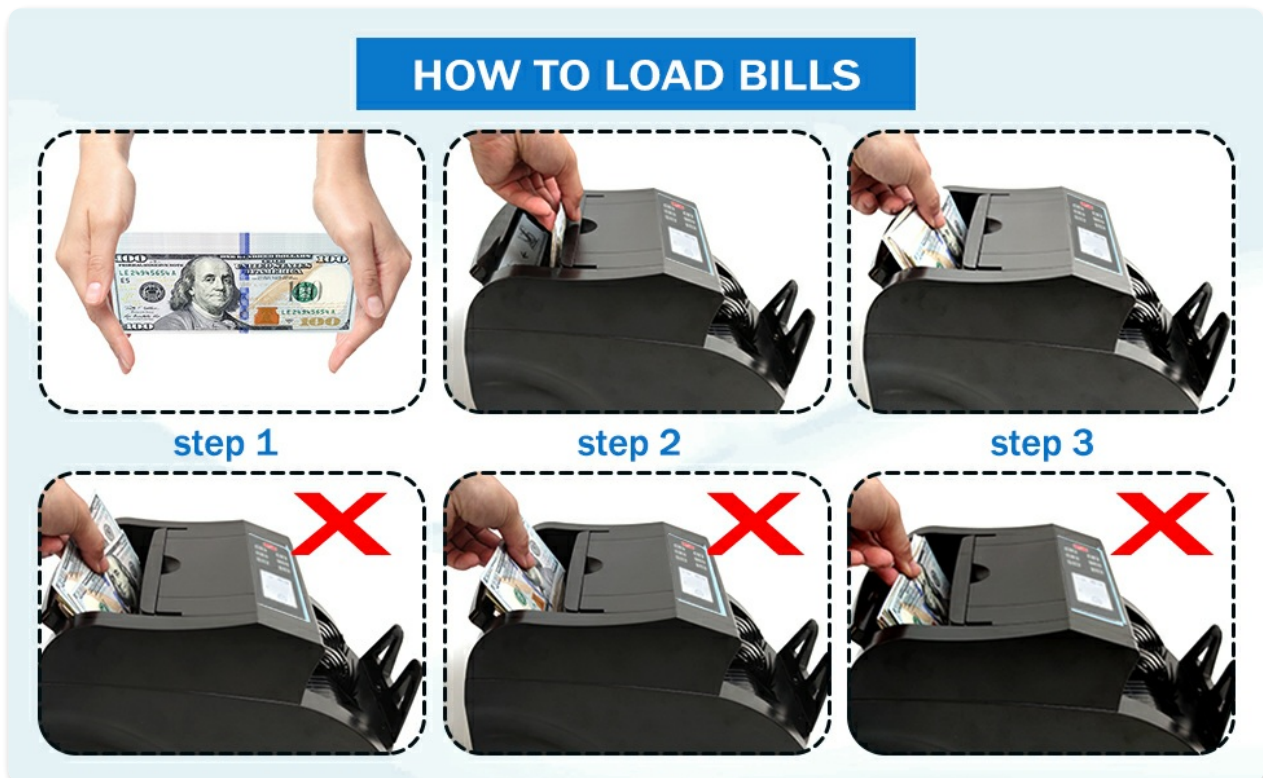


Figure 4: Correct bill loading procedure.

6.2 Available Modes

The machine features several modes accessible via the control panel:

MULTI OPERATION MODES

More Choices for you



Figure 5: Control panel with various operation modes.

- **Value Counting Mode**
 - **Auto/Manual Mode**
 - **Add Mode**
 - **Batch Mode**
 - **Counting Mode**
 - **UV/MG/MT/IR/DD Detection Mode**
 - **Reset Mode**
- **Counting Mode:** Counts the quantity of bills only, without detection. Suitable for all paper currency.
 - **Value Counting Mode (US Dollar Only):** Counts the number of bills and calculates the total monetary value of a selected single denomination. This machine does NOT have a mixed value counting function; bills of various denominations must be separated before adding each stack.
 - **Add Mode:** Allows the machine to sum up the total count or value across multiple batches.
 - **Batch Mode:** Set a specific number of bills for the machine to count. It will automatically stop after counting the predetermined quantity.
 - **Auto/Manual Mode:** Select between automatic start (when bills are placed in the hopper) or manual start (pressing a button).
 - **Detection Modes (UV/MG/MT/IR/DD):** Engages various counterfeit detection technologies.
 - **Reset Mode:** Clears the current count and resets the machine.

6.3 Counterfeit Detection

The DOMENS Money Counter is equipped with multiple detection technologies to identify suspicious banknotes:

- **UV (Ultraviolet) Detection:** Checks for UV features on banknotes.
- **MG (Magnetic) Detection:** Detects magnetic ink patterns.

- **MT (Magnetic Thread) Detection:** Verifies the presence of magnetic security threads.
- **IR (Infrared) Detection:** Analyzes infrared patterns and bill thickness.
- **DD (Dimensional) Detection:** Checks for correct bill size.
- Also includes Half-note, Chain-note, and Slope-note detection.

If a suspicious bill is detected, the LCD display will turn red and an audible alarm will sound.

MULTI COUNTERFEIT DETECTION FUNCTION

Safeguard of your Business

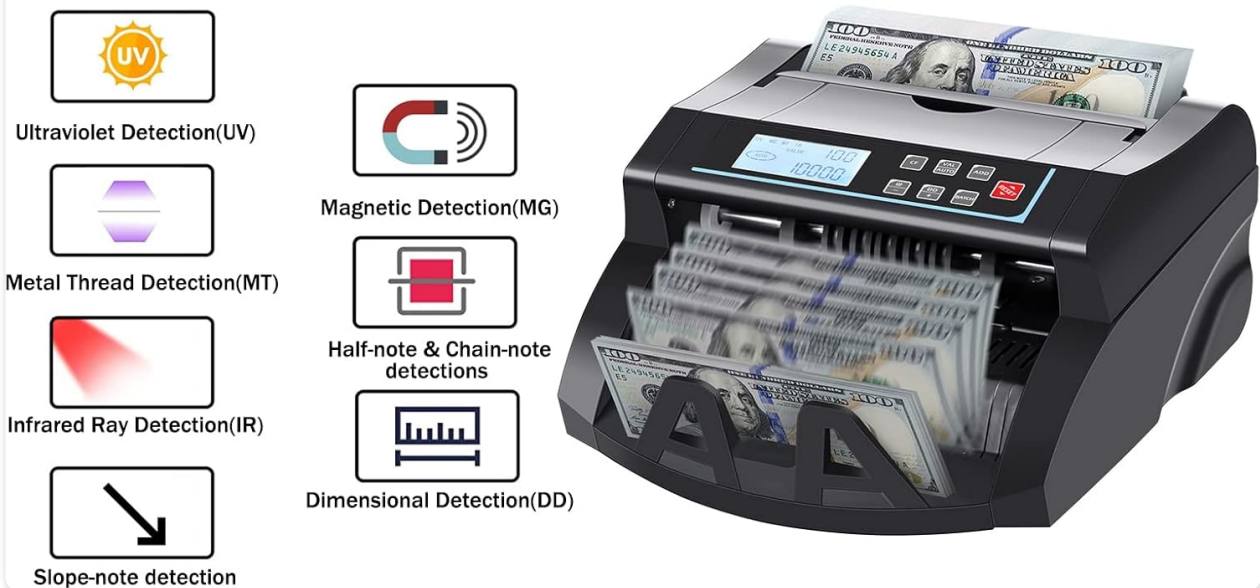


Figure 6: Multi-counterfeit detection functions.

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Video 1: Demonstration of UV/MG detection and bill counting with the DOMENS Money Counter.

7. MAINTENANCE

Regular maintenance ensures the optimal performance and extends the lifespan of your money counter.

- **Cleaning:** Use the provided cleaning brush to regularly remove dust and debris from the sensors and internal components. Covered sensors help prevent dust accumulation.
- **Rubber Wheels:** The machine features 13 high-quality rubber wheels for precise counting. If counting accuracy decreases, inspect the rubber wheels for wear and replace them if necessary using the spare rubber ring provided.

- **Fuse Replacement:** A spare fuse is included. If the machine does not power on, check and replace the fuse if blown.
- **Adjusting Screw:** If bills are not feeding smoothly or are jamming frequently, the adjusting screw can be used to fine-tune the feeding tension. Turn clockwise to tighten, counter-clockwise to loosen.



Figure 7: Internal rubber wheels and covered sensors.



Figure 8: Adjusting screw for bill feeding tension.

8. TROUBLESHOOTING

If you encounter issues with your DOMENS Money Counter, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Machine does not power on.	Power cord not connected, power switch off, blown fuse.	Ensure power cord is securely connected. Turn power switch on. Check and replace fuse if necessary.
Bills jam frequently or are not feeding smoothly.	Bills are not neat/flat, incorrect loading, tension too loose/tight, dust/debris in sensors.	Straighten bills before loading. Refer to "Loading Bills Correctly" section. Adjust the feeding tension screw. Clean sensors and internal components.
Inaccurate counting results.	Bills not loaded correctly, worn rubber wheels, dirty sensors.	Ensure bills are loaded properly. Inspect and clean sensors. Check rubber wheels for wear and replace if needed.
Counterfeit detection alarm sounds frequently for real bills.	Bills are excessively worn, wrinkled, or damaged.	Ensure bills are in good condition. The machine may detect heavily worn or damaged real bills as suspicious.

Problem	Possible Cause	Solution
Cannot count mixed denominations.	This model (DMS-1580T BV) does not support mixed denomination counting.	Separate bills by denomination before counting. Use "Value Counting Mode" for single denominations and "Add Mode" to sum totals.



Figure 9: Error indication on LCD display.

9. SPECIFICATIONS

Feature	Detail
Model Number	DMS-1580T BV
Brand	DOMENS
Item Weight	7.34 pounds
Product Dimensions	12.3 x 5.6 x 9.25 inches
Color	Black
Material Type	Acrylonitrile Butadiene Styrene
Counting Speed	Up to 1100 bills/minute
Voltage Range	DC 85V-250V (suitable for 110V or 220V areas)
Detection Methods	UV, MG, MT, IR, DD, Half-note, Chain-note, Slope-note
Display	LCD Display

10. WARRANTY AND SUPPORT

DOMENS is committed to providing high-quality products. For any questions, technical support, or warranty claims, please refer to the contact information provided with your purchase or visit the official DOMENS website. The package includes a 1-year warranty for manufacturing defects.

For additional support and resources, you may visit the [DOMENS Store on Amazon](#).

