

BEILOCKERY DZ400

BEILOCKERY DZ400 Single Chamber Vacuum Packaging Machine User Manual

Model: DZ400 (S160831)

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient operation, maintenance, and troubleshooting of your BEILOCKERY DZ400 Single Chamber Vacuum Packaging Machine. Please read this manual thoroughly before operating the machine to ensure proper usage and to prevent damage or injury.

The BEILOCKERY DZ400 is a robust 110V, 900W vacuum packaging machine designed for various applications, including food preservation, pharmaceutical packaging, and industrial sealing. Its stainless steel construction and digital control panel ensure durability and ease of use.

Safety Information

- Always connect the machine to a grounded 110V power outlet.
- Do not operate the machine with wet hands or in wet environments.
- Keep hands and loose clothing away from moving parts.
- Ensure the machine is stable on a flat surface before operation.
- In case of emergency, use the emergency stop switch immediately.
- Unplug the machine before cleaning or maintenance.

2. PRODUCT OVERVIEW

The BEILOCKERY DZ400 is a single-chamber vacuum packaging machine featuring a transparent plexiglass cover for clear visibility of the packaging process. It integrates vacuum extraction, heat sealing, and optional printing marking functions.



Figure 2.1: Front view of the BEILOCKERY DZ400 Vacuum Packaging Machine. This image shows the overall design of the machine, including the stainless steel body, transparent lid, and control panel on the front.

Key Features

- **High-Quality Construction:** Made of 305 stainless steel with a stamping vacuum chamber, ensuring durability and easy cleaning.
- **Transparent Plexiglass Cover:** Allows users to monitor the vacuum and sealing process.
- **Microcomputerized Operation Panel:** Provides easy, precise control with memory function for settings.

- **Emergency Stop Switch:** For immediate interruption of operations.
- **Adjustable Settings:** Vacuum degree, heat sealing temperature, and time can be adjusted for various packaging materials.
- **Movable Casters:** Equipped with high-quality, wear-resistant rubber casters for easy movement and positioning.

Packaging Sealing Machine Multi-faceted Display



Figure 2.2: Various views of the BEILOCKERY DZ400 Vacuum Packaging Machine. This composite image displays the machine from different angles, highlighting its compact design and the transparent lid in both closed and open positions.



The equipment adopts high-quality sealing tape, the machine heats up quickly, the heating is more even, the sealing is strong, firm and beautiful

Activities swivel casters

The machine adopts movable casters made of high-quality wear-resistant rubber, which can rotate 360° in all directions for easy handling and movement of the machine

Figure 2.3: Details of the sealing mechanism and casters. This image shows a close-up of the high-quality sealing tape inside the chamber and the durable swivel casters for mobility.

3. SPECIFICATIONS

Technical specifications for the BEILOCKERY DZ400 Vacuum Packaging Machine:



Figure 3.1: Machine dimensions and key specifications. This image provides a visual representation of the machine's overall dimensions and lists important technical parameters.

Parameter	Value
Voltage	110V
Power of Electricity	900W
Power of Heating	800W
Vacuum Chamber Volume	17 x 15.7 x 3 inches (43.5 x 41.5 x 7.5 cm)
Packaging Speed	1-43 pcs/min
Rate of Exhausting	20 L/s
Sealing Length	15.7 inches (40 cm)
Overall Dimensions (L x W x H)	34.1 x 19.1 x 21 inches (86.5 x 48.5 x 52.8 cm)
Net Weight	171.9 lbs (78 kg)
Material	Stainless Steel
Model Number	S160831
UPC	198462266185

4. SETUP AND INSTALLATION

1. **Unpacking:** Carefully remove the machine from its packaging. Inspect for any shipping damage. Retain packaging materials for future transport if needed.
2. **Placement:** Position the vacuum packaging machine on a stable, level surface capable of supporting its weight (approx. 171.9 lbs / 78 kg). Ensure adequate space around the machine for ventilation and operation.
3. **Caster Installation (if not pre-installed):** If the casters are not already attached, securely fasten them to the base of the machine using the provided hardware.
4. **Power Connection:** Connect the power cord to a grounded 110V AC power outlet. Ensure the power supply meets the machine's requirements (110V, 900W).
5. **Initial Check:** Before first use, open the chamber lid and ensure all internal components, such as the sealing bar and vacuum nozzle, are clean and free of debris.

5. OPERATING INSTRUCTIONS

The BEILOCKERY DZ400 features a microcomputerized control panel for precise operation.

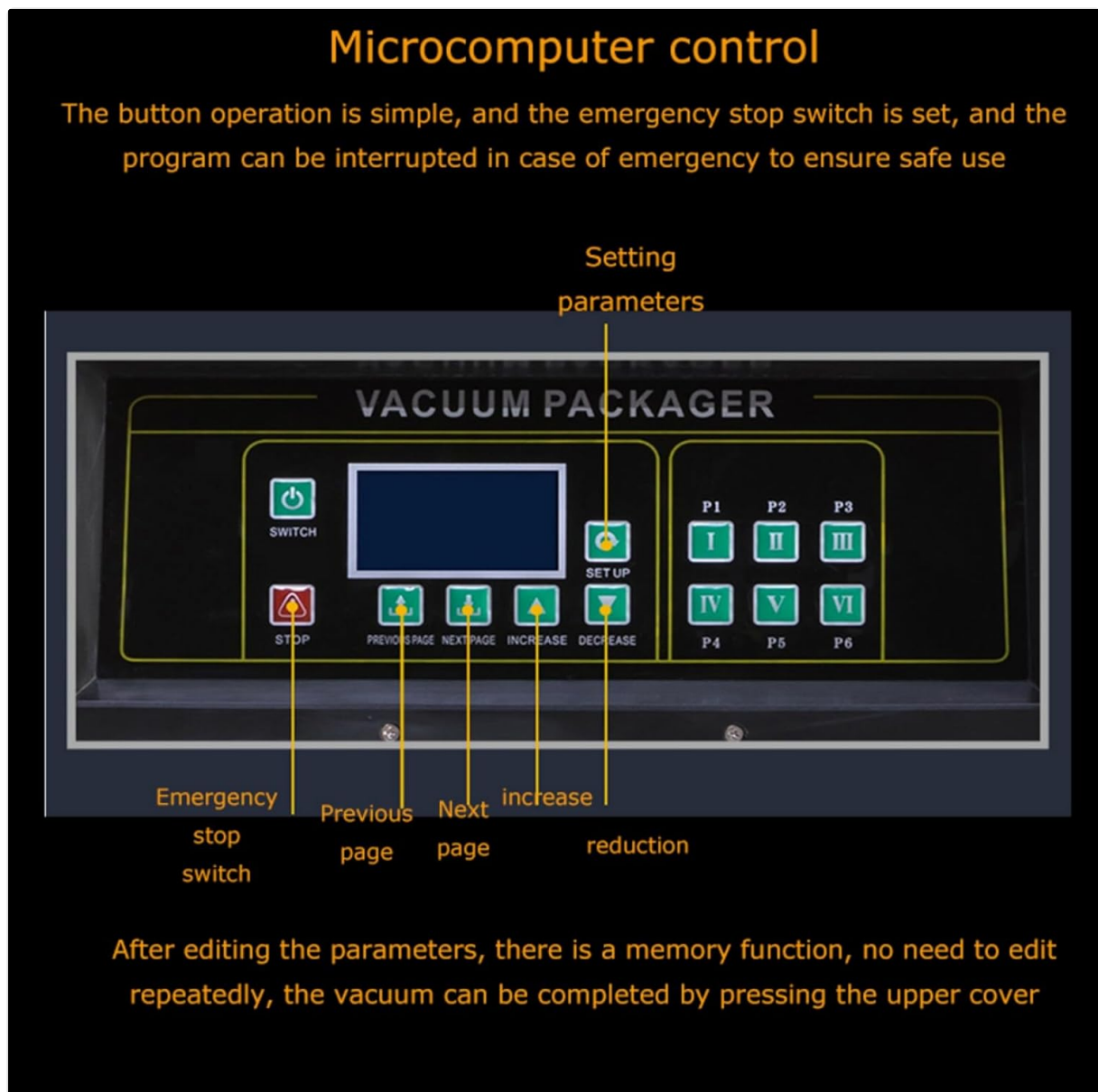


Figure 5.1: Detailed view of the microcomputerized control panel. This image highlights the various buttons and display, including the power switch, emergency stop, setting parameters, and program selection buttons.

Control Panel Functions:

- **SWITCH (Power Button):** Turns the machine on/off.
- **STOP (Emergency Stop):** Immediately halts any ongoing operation.
- **SET UP:** Enters parameter setting mode.
- **PREVIOUS PAGE / NEXT PAGE:** Navigates through setting options.
- **INCREASE / DECREASE:** Adjusts parameter values.
- **P1-P6 (Program Buttons):** Selects pre-set or custom programs.

Basic Operation Steps:

1. **Power On:** Press the **SWITCH** button to turn on the machine.
2. **Prepare Item:** Place the item to be vacuum-sealed into a suitable vacuum bag. Ensure the open end of the bag is clean and dry.
3. **Position Bag:** Lay the open end of the vacuum bag flat over the sealing bar inside the vacuum chamber. Ensure the bag is smooth and extends beyond the sealing bar.
4. **Set Parameters (if needed):**
 - Press **SET UP** to enter parameter adjustment mode.
 - Use **PREVIOUS PAGE / NEXT PAGE** to select parameters such as vacuum time, sealing time, and sealing temperature.
 - Use **INCREASE / DECREASE** to adjust the values.
 - The machine has a memory function, so settings do not need to be re-entered for repetitive tasks.
5. **Select Program:** Choose a pre-set program (P1-P6) or use your custom settings.
6. **Close Lid:** Firmly close the transparent plexiglass lid. The vacuum process will automatically begin once the lid is securely latched.
7. **Vacuum and Seal:** The machine will evacuate air from the chamber, then automatically seal the bag. The transparent lid allows you to observe this process.
8. **Open Lid:** Once the cycle is complete, the lid will release, and you can open it to remove the sealed product.

Applicable Bag Types and Applications



Glossy bag



Textured bag



Foil bag

Figure 5.2: Various types of vacuum bags compatible with the machine. This image illustrates glossy bags, textured bags, and foil bags, demonstrating the machine's versatility with different packaging materials.

The DZ400 is compatible with various bag types, including glossy bags, textured bags, and foil bags, making it suitable for a wide range of products.

Wide range of applications

It is suitable for vacuum packaging of products such as workshops, medicines, aquatic products, chemical principles, electronic components, households, supermarkets, food, precious and rare metals.



Supermarket



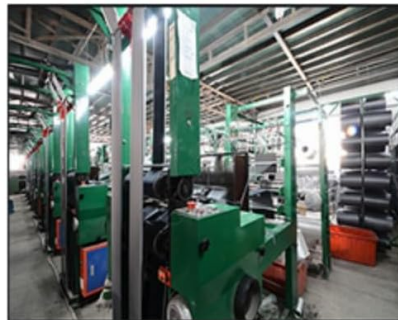
Home kitchen



seafood market



Fruit shop



Factory workshop



Convenience Store

Figure 5.3: Examples of environments and products suitable for the vacuum packaging machine. This image shows the machine's utility in supermarkets, home kitchens, fruit shops, factory workshops, and convenience stores for various items.

This vacuum sealer is designed for a wide range of applications, including:

- Food preservation (e.g., meats, vegetables, fruits, dry goods)
- Pharmaceutical products
- Metal products to prevent oxidation
- Electronic components
- Workshops, supermarkets, home kitchens, fruit shops, and convenience stores.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your vacuum packaging machine.

- **Cleaning the Chamber:** After each use, especially when packaging food, wipe the vacuum chamber and sealing bar with a damp cloth. Use a mild detergent if necessary, then wipe dry. Do not use abrasive cleaners.
- **Checking the Sealing Strip:** Periodically inspect the silicone sealing strip around the chamber lid and the sealing bar for wear, cracks, or damage. Replace if necessary to ensure a proper vacuum seal.

- **Oil Level Check (if applicable):** Some vacuum pumps require oil. Refer to the pump's specific instructions for checking and changing oil if your model is equipped with an oil-lubricated pump. (Note: This model description does not specify pump type, so this is a general advisory).
- **Caster Maintenance:** Keep the casters clean and free of debris to ensure smooth movement.
- **General Cleaning:** Wipe down the exterior stainless steel surfaces with a soft, damp cloth.
- **Storage:** When not in use for extended periods, store the machine in a clean, dry environment.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your vacuum packaging machine.

Problem	Possible Cause	Solution
Machine does not power on.	No power supply; power cord loose; fuse blown.	Check power connection; ensure outlet is functional; check machine fuse (if accessible, consult technician).
Vacuum is not achieved or is weak.	Lid not fully closed; sealing strip damaged/dirty; vacuum bag leakage; vacuum pump issue.	Ensure lid is firmly closed; clean or replace sealing strip; check bag for holes/creases; consult technician for pump issues.
Bag does not seal properly.	Sealing time/temperature incorrect; sealing bar dirty; sealing tape worn; moisture in sealing area.	Adjust sealing time/temperature settings; clean sealing bar; replace sealing tape; ensure bag opening is dry.
Lid does not open after cycle.	Pressure equalization issue.	Wait a few moments for pressure to equalize. If issue persists, consult technician.

If you encounter problems not listed here or if solutions do not resolve the issue, please contact customer support.

8. WARRANTY AND CUSTOMER SUPPORT

For warranty information, technical assistance, or spare parts, please contact BEILOCKERY customer support through your purchase channel or the official BEILOCKERY website.

Please have your model number (DZ400 / S160831) and purchase date ready when contacting support.