

NEWTRY GLF-500F

NEWTRY GLF-500F Handheld Induction Sealer User Manual

Model: GLF-500F | Sealing Range: 20-100mm | Power: 800W-1200W

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient operation of your NEWTRY GLF-500F Handheld Induction Sealer. This electromagnetic induction sealing machine is designed for sealing plastic, glass, or other non-metallic bottles and cup-shaped containers using aluminum foil caps. It is suitable for various applications in pharmaceutical, chemical, food, beverage, and cosmetic industries.

Please read this manual thoroughly before operating the device and retain it for future reference.

2. SAFETY INFORMATION

WARNING: To prevent electric shock, fire, or serious injury, always follow these safety precautions.

- This machine is designed to seal plastic, glass, or non-metallic bottles and cup-shaped containers based on electromagnetic induction principles. **Do not use this machine to seal metallic containers.**
- Ensure the machine is used in a dry, ventilated, and dust-free place.
- Only qualified professionals should attempt to disassemble or repair the machine.
- Keep hands and other body parts away from the sealing head during operation to avoid burns or injury.
- Always ensure the power cord is in good condition. A spare switch is provided in case the power cord gets damaged.
- The induction sealer features a self-protection function and will automatically power off if there is no operation within 15 minutes to prevent current overload.

WHAT CAN / CAN'T

CAN'T USE



Pointed mouth bottle Metal bottle Metal cover

Pointed bottles, Metal bottles, Metal caps are not allowed

CAN USE



Plastic & Flat Caps

Glass or Plastic Body

Yes

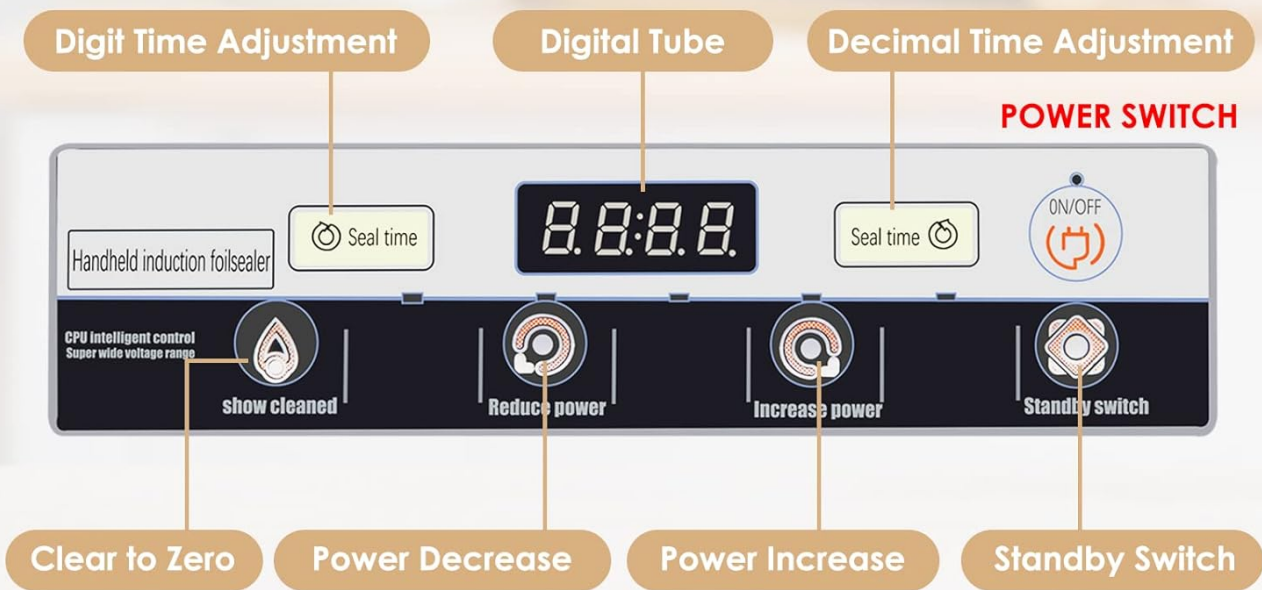
Figure 2.1: Compatible and Incompatible Container Types

The sealer is designed for non-metal bottles (glass or plastic) with flat caps. Pointed bottles, metal bottles, and metal caps are not compatible.

3. PRODUCT OVERVIEW AND COMPONENTS

The NEWTRY GLF-500F induction sealer consists of a main control unit and a handheld sealing head. Key components include the induction plate, control panel, and power switch.

SIMPLE OPERATION PANEL



STANDBY SWITCH
It is equivalent to the manual power switch

Figure 3.1: Product Dimensions

Sealing machine size: 4.41" x 4.33". Base size: 11.02" x 13.78".

POWER&TIME ADJUSTABLE



ADJUSTABLE TIME RANGE: 0 ~ 5.9S



Figure 3.2: Simple Operation Panel

The control panel features a digital display, buttons for digit time adjustment, decimal time adjustment, power increase/decrease, and a standby switch. The 'show cleaned' button clears the bottle count.

01



SELF-COOLING

02



ONE-CLICK SEALING

03



THICKENED SENSOR HEAD

04

HIGH TEMPERATURE
RESISTANT WIRE

Figure 3.3: Power and Time Adjustment

The machine allows adjustment of sealing time (0-5.9 seconds) and power (700W-1100W) to suit different cap sizes and materials.

4. SPECIFICATIONS

Feature	Specification
Brand	NEWTRY
Model	GLF-500F
Sealing Range	20-100mm (0.79"-3.94")
Power Range	800W-1200W
Voltage	110V
Applicable Cap Type	Flat Cap

Feature	Specification
Operation Mode	Automatic
Material	Metal, Plastic
Item Weight	5.1 pounds
Package Dimensions	19.17 x 12.87 x 5.67 inches

5. SETUP

1. **Unpack the Device:** Carefully remove the induction sealer from its packaging. Inspect for any damage.
2. **Placement:** Place the main unit on a stable, dry, ventilated, and dust-free surface. Ensure adequate space around the unit for heat dissipation.
3. **Connect Power:** Plug the power cord into a standard 110V electrical outlet.
4. **Prepare Caps:** Ensure you have appropriate aluminum foil or lined caps for your non-metal bottles. The machine does not provide foil. The type of aluminum foil should match the material of your bottles (e.g., PE, PET, PP).



Figure 5.1: Step 1 - Plug In

Connect the power cord to a suitable electrical outlet.

6. OPERATING INSTRUCTIONS

Follow these steps to effectively seal your containers:

1. **Power On:** Press the ON/OFF switch on the control panel to turn on the machine.
2. **Adjust Power:** Use the 'Reduce power' and 'Increase power' buttons to set the desired wattage for sealing. Refer to Figure 3.3 for power range.
3. **Adjust Sealing Time:** Use the 'Seal time' buttons (digit and decimal) to set the appropriate sealing duration. The adjustable time range is 0 to 5.9 seconds.
4. **Prepare Bottle:** Place the aluminum foil or lined cap inside the bottle cap, ensuring the shiny side of the foil faces the bottle opening. Tighten the cap onto the non-metal bottle.
5. **Initiate Sealing:** Place the handheld sealing head directly over the capped bottle. Press the red button on the handle or the 'Standby switch' button on the control panel to begin the sealing process.
6. **Monitor Sealing:** The machine will emit a beep at the beginning and end of the sealing process. Hold the sealing head steady until the second beep.
7. **Reinforce Seal (Recommended):** After sealing, it is recommended to press the edge of the cap to reinforce the seal.

8. **Self-Counting Function:** The machine automatically counts the number of sealed bottles. Long-press the 'show cleaned' button to reset the count to zero.



Figure 6.1: Operation Steps

Adjust power and time, then place the sealer over the cap and press the button to activate.

SELF-COUNTING

Automatically display the number of seals



Figure 6.2: Self-Counting Feature

The digital display automatically shows the number of seals completed.

TEST BOTTLES AVAILABLE

We provide customers 2 bottles for test



SEALING TIPS

Hold the bottle straight and tighten the cap to ensure the wonderful sealing effect

After the sealing starts, the machine automatically counts down



PE PET PP



Foam Liners are not Allowed

MATTERS NEEDING ATTENTION

We don't provide foil and it is recommended to choose the corresponding aluminum foil according to the material of bottles. For example, the material of the bottle is PE, PET and PP, the corresponding aluminum foil material also needs to be changed

Figure 6.3: Sealing Tips and Important Notes

Always hold the bottle straight and tighten the cap. The machine automatically counts down after sealing starts. Ensure to use the correct aluminum foil type for your bottle material (e.g., PE, PET, PP). Foam liners are not allowed.

Video Demonstration: Operation Guide

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Video 6.1: NEWTRY 20-100MM Induction Sealer Operation

This video demonstrates the basic setup and sealing process of the NEWTRY induction sealer, including adjusting settings and applying the sealing head to various containers.

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Video 6.2: NEWTRY Manual Induction Bottle Cap Sealer Demonstration

A detailed video showcasing the manual induction bottle cap sealer in action, highlighting the ease of use and effective sealing for different bottle types.

7. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your induction sealer.

- **Cleaning:** Regularly wipe the machine's surface and the handheld sealing head with a soft, dry cloth. Ensure the machine is unplugged before cleaning.
- **Storage:** Store the machine in a dry, ventilated, and dust-free environment when not in use.
- **Inspection:** Periodically check the power cord and connections for any signs of wear or damage. If the power cord is damaged, use the provided spare switch or contact customer support for assistance.

8. TROUBLESHOOTING

If you encounter issues with your induction sealer, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Machine does not power on	No power supply; Power cord damaged; ON/OFF switch not pressed.	Check power outlet; Inspect power cord and replace if damaged (use spare switch); Ensure ON/OFF switch is pressed.
Foil not sealing properly	Incorrect sealing time/power; Incorrect foil type; Bottle cap not tightened; Metal container used.	Adjust sealing time and power settings; Ensure foil matches bottle material; Tighten bottle cap securely; Verify container is non-metallic.
Machine automatically shuts off	No operation for 15 minutes (self-protection feature); Overload.	This is a normal safety feature. Restart the machine if needed. If due to overload, reduce power settings or allow machine to cool.
Digital display shows error or abnormal reading	Internal fault.	Turn off the machine, unplug, wait a few minutes, then plug back in and restart. If the issue persists, contact customer support.

9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the product packaging or contact NEWTRY customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.