

FOHERE JX-031S

FOHERE 6.5L Ultrasonic Cleaner (Model JX-031S) Instruction Manual

Brand: FOHERE

1. INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your FOHERE 6.5L Ultrasonic Cleaner, Model JX-031S. Please read it thoroughly before using the appliance and retain it for future reference.

The FOHERE 6.5L Ultrasonic Cleaner is designed for professional and household use, offering deep and efficient cleaning for various items such as tools, jewelry, glasses, and small engine parts. It utilizes high-frequency sound waves to create cavitation bubbles in the cleaning solution, which gently yet powerfully dislodge contaminants from surfaces.



Figure 1: FOHERE 6.5L Ultrasonic Cleaner, Model JX-031S.

2. SAFETY INSTRUCTIONS

WARNING: Failure to follow these safety instructions may result in electric shock, fire, or serious injury.

- **Water Level:** Ensure the water level in the tank is always over 2/3 of its capacity during operation to prevent damage to the unit.
- **No Liquid Operation:** Never operate the unit without liquid in the tank.
- **Hot Liquid Caution:** Be cautious when handling hot water and the lid to avoid the risk of scalding.
- **Grounding:** Always ensure the appliance is correctly grounded to prevent electric shock.
- **Flammable Liquids:** Do not pour flammable liquids into the tank.
- **Power Disconnection:** Disconnect the power cord from the outlet before cleaning or servicing the unit.
- **Supervision:** Do not leave the appliance unattended during operation.
- **Children:** Keep out of reach of children.

3. PRODUCT OVERVIEW

The FOHERE JX-031S Ultrasonic Cleaner features a robust design and intuitive controls for effective cleaning.

Key Features:

- **High-Power Quad Transducer System:** Equipped with four industrial-grade 60W ultrasonic transducers (total 180W) for intense and uniform cavitation.
- **Precision Heating System:** A built-in 200W heater allows temperature adjustment up to 176°F (80°C) for enhanced cleaning.
- **Large Capacity Tank:** A 6.5L (1.7-gallon) tank made from durable 304 stainless steel.
- **Smart Drainage:** Integrated side faucet for easy dirty water drainage.
- **Digital Control Panel:** Clear LED display for precise time (0-30 mins) and temperature (up to 176°F in 1°F steps) control.
- **Accessories:** Includes a detachable stainless steel basket.



Figure 2: Power and Transducer System Overview.



Figure 3: Digital Control Panel for precise operation.

4. SETUP

1. **Placement:** Place the ultrasonic cleaner on a stable, level, and dry surface. Ensure it is near a grounded

electrical outlet.

2. **Power Connection:** Connect the power cord to the appliance and then to a grounded electrical outlet. Ensure the main power switch (located at the back) is in the OFF position before plugging in.
3. **Fill Tank:** Open the lid and fill the stainless steel tank with water or an appropriate cleaning solution. Ensure the liquid level is above the MIN mark and below the MAX mark, covering the items to be cleaned, but never exceeding 2/3 of the tank's capacity.
4. **Insert Basket:** Place the stainless steel cleaning basket into the tank.
5. **Load Items:** Carefully place the items to be cleaned into the basket. Ensure items are not directly touching the bottom of the tank to allow for optimal ultrasonic wave distribution.

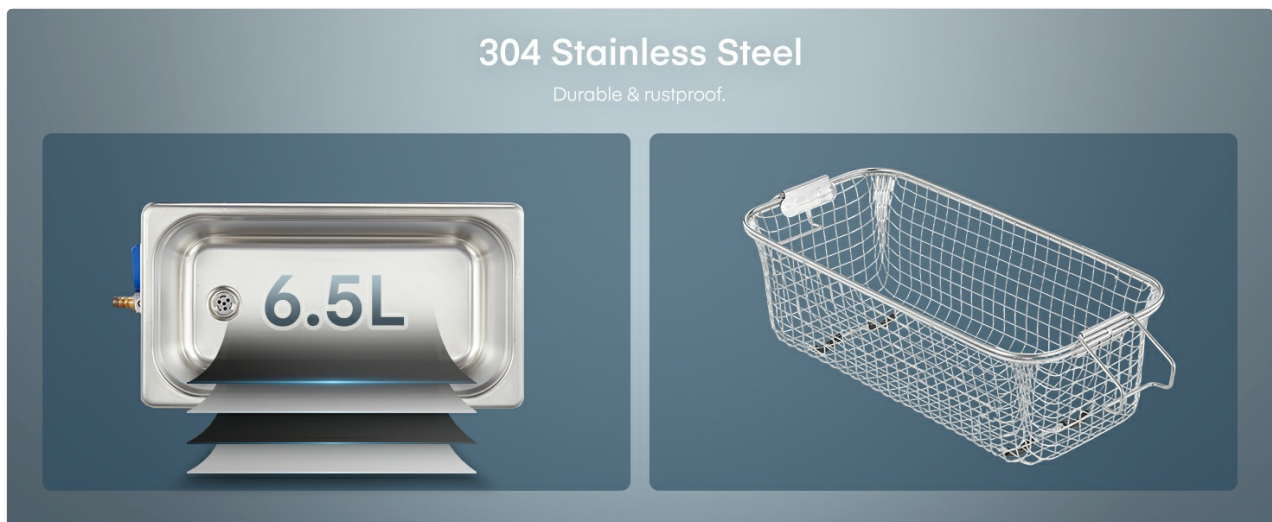


Figure 4: Stainless steel tank and cleaning basket.

5. OPERATING INSTRUCTIONS

Follow these steps to operate your ultrasonic cleaner:

1. **Power On:** Flip the main power switch (located at the back of the unit) to the ON position. The digital display will illuminate.
2. **Set Temperature:** Press the 'TEMP+' or 'TEMP-' buttons to adjust the desired cleaning solution temperature. The temperature can be set up to 176°F (80°C). Preheating is recommended for tasks requiring higher temperatures to optimize cavitation.
3. **Set Timer:** Press the 'TIME+' or 'TIME-' buttons to set the desired cleaning duration. The timer can be set from 0 to 30 minutes.
4. **Start Cleaning:** Press the 'ON/OFF' button under the 'ULTRASONIC' section to start the ultrasonic cleaning process. The ultrasonic indicator light will turn on.
5. **Heating Function:** If heating is desired, press the 'ON/OFF' button under the 'HEATING' section. The heating indicator light will turn on.
6. **Monitor Progress:** The digital display will show the set temperature and actual temperature, as well as the remaining cleaning time.
7. **End of Cycle:** The unit will automatically stop the ultrasonic process once the timer counts down to zero. You can manually stop the process at any time by pressing the 'ON/OFF' buttons for ultrasonic and heating.
8. **Drainage:** After cleaning, turn off the unit. Open the drain valve located on the side to empty the dirty

cleaning solution. Close the valve once the tank is empty.

Helpful Tip:

For optimal cleaning, especially for items with heavy grease or contaminants, consider preheating the solution to the recommended temperature before starting the ultrasonic cycle. The 40kHz frequency ensures deep cleaning without damaging sensitive surfaces.

Video 1: Demonstration of how to use the FOHERE Ultrasonic Cleaner, including adding water, placing items, and setting controls.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your ultrasonic cleaner.

- **Draining and Cleaning Tank:** After each use, especially with dirty solutions, drain the tank completely using the side valve. Rinse the tank with clean water and wipe it dry with a soft cloth. Do not use abrasive cleaners or scrubbers.
- **Exterior Cleaning:** Wipe the exterior of the unit with a damp cloth. Avoid getting water into the control panel or electrical components.
- **Basket Cleaning:** Clean the stainless steel basket as needed to remove any residue.
- **Storage:** Store the ultrasonic cleaner in a cool, dry place when not in use. Ensure the tank is empty and dry before storage.



Figure 5: Design features for durability and ease of use, including non-skid feet and drain.

7. TROUBLESHOOTING

If you encounter issues with your FOHERE Ultrasonic Cleaner, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Unit does not power on.	Power cord not connected, main switch off, or power outage.	Check power cord connection, ensure main switch is ON, verify power supply.
Ultrasonic function not working.	Ultrasonic ON/OFF button not pressed, or insufficient water level.	Press the ultrasonic ON/OFF button, ensure water level is above 2/3 capacity.
Heating function not working.	Heating ON/OFF button not pressed, or temperature not set.	Press the heating ON/OFF button, set a desired temperature.
Poor cleaning results.	Incorrect cleaning solution, insufficient cleaning time/temperature, or items touching tank bottom.	Use appropriate solution, increase time/temperature, ensure items are in the basket and not touching the tank bottom.

8. SPECIFICATIONS

Detailed specifications for the FOHERE 6.5L Ultrasonic Cleaner (Model JX-031S):

Feature	Detail
Model Name	JX-031S
Brand	FOHERE
Capacity	6.5 Liters
Ultrasonic Power	180W
Heating Power	200W
Frequency	40kHz
Product Dimensions (D x W x H)	16.34" x 13.58" x 13.58"
Item Weight	5.04 Kilograms
Material	Stainless Steel (304SS)
Voltage	110 Volts
Controls Type	Touch
Included Components	Power Cord, Cleaning Basket



Figure 6: Product dimensions and package contents.

9. WARRANTY AND SUPPORT

The FOHERE 6.5L Ultrasonic Cleaner (Model JX-031S) comes with a manufacturer's warranty. For specific warranty details, claims, or technical support, please refer to the warranty card included in your package or contact FOHERE customer service directly.

For further assistance, please visit the official FOHERE website or contact their support team through the contact information provided with your purchase.