

30L

# Generic 30L Professional Ultrasonic Cleaner Instruction Manual

Model: 30L

## 1. IMPORTANT SAFETY INSTRUCTIONS

Please read all instructions carefully before operating the ultrasonic cleaner. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **Electrical Safety:** Always connect the unit to a grounded outlet. Do not touch the power plug or unit with wet hands. Disconnect from power before servicing or cleaning.
- **Water Level:** Ensure the tank is filled with an appropriate amount of cleaning solution before turning on the heater or ultrasonic function. Never operate the unit dry.
- **Temperature:** The cleaning solution can become hot. Use caution when handling the tank or draining solution.
- **Flammable Liquids:** Do not use flammable, explosive, or corrosive liquids in the tank. Use only recommended cleaning solutions.
- **Ventilation:** Operate in a well-ventilated area.
- **Children and Pets:** Keep the unit out of reach of children and pets.
- **Disassembly:** Do not attempt to disassemble or repair the unit yourself. Refer all servicing to qualified personnel.

## 2. PRODUCT OVERVIEW

The Generic 30L Professional Ultrasonic Cleaner is designed for efficient and thorough cleaning of various items using 40kHz ultrasonic waves and a heating function. It features a digital timer and temperature control for precise operation.

# PROFESSIONAL ULTRASONIC CLEANING TECHNOLOGY



Powerful 40kHz  
Transducer



Adjustable  
Temperature



Large  
Capacity



Quiet  
Operation



Digital  
Control Panel

Image: The 30L ultrasonic cleaner showing its main components including the stainless steel tank, control panel, lid, and cleaning basket.

## Key Features:

- **Powerful Cleaning:** 40kHz ultrasonic frequency and 180W ultrasonic power for effective cleaning.
- **Heating Function:** 200W heating power with adjustable temperature up to 80°C (176°F).
- **Digital Control:** Precise digital timer (0-30 minutes) and temperature display.
- **Durable Construction:** Premium 304 stainless steel tank with multiple protective layers.
- **Safety Features:** Heat dissipation holes, double fuses, and rubber foot pads for stability.
- **Convenience:** Noise reduction lid, convenient handles, and drainage system.

## Control Panel Overview:

# WELL PROTECTIVE LAYER



Premium  
304 SUS



Mental Protective  
Coating



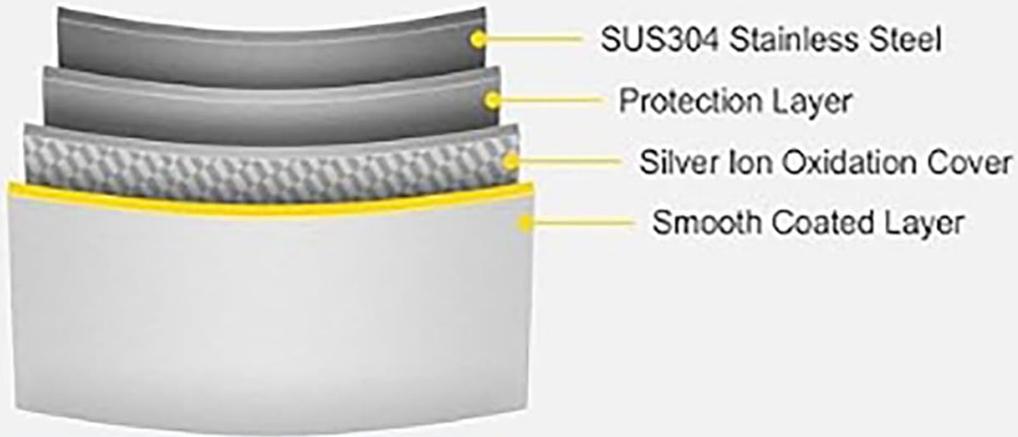
High Temperature  
Resistance



Anti-fingerprint  
Housing



Long  
Service Life



## Noise Reduction Lid



## Convenient Handles



Image: Detailed view of the digital control panel with numbered labels for each function.

### Control Panel Functions

No.	Function	Description
1	Temperature Display	Shows the current and set temperature.
2	Temperature Control (+)	Increases the set temperature.
3	Temperature Control Switch (ON/OFF)	Activates or deactivates the heating function.
4	Temperature Control (-)	Decreases the set temperature.
5	Heating Lamp	Indicates when the heating function is active.
6	Switch Light	Indicates power status.
7	Time Control (+)	Increases the set cleaning time.
8	Time Control Switch (ON/OFF)	Activates or deactivates the ultrasonic cleaning function.
9	Time Control (-)	Decreases the set cleaning time.

No.	Function	Description
10	Time Display	Shows the remaining and set cleaning time.

### 3. SETUP AND PREPARATION

1. **Unpacking:** Carefully remove the ultrasonic cleaner from its packaging. Inspect for any damage during transit.
2. **Placement:** Place the unit on a stable, level, and dry surface. Ensure adequate ventilation around the unit. Keep it away from heat sources and direct sunlight.
3. **Power Connection:** Ensure the power switch is in the OFF position. Connect the power cord to the unit and then to a grounded electrical outlet.
4. **Fill the Tank:** Open the lid and fill the stainless steel tank with an appropriate cleaning solution. Ensure the liquid level is between the "MIN" and "MAX" marks. Do not overfill or underfill.
5. **Insert Basket:** If using the cleaning basket, place the items to be cleaned inside the basket and then lower the basket into the tank. Ensure items are fully submerged but not touching the bottom of the tank directly.

## YOUR EXPERT TO CLEAN OBJECTS



Image: Illustration of the ultrasonic cleaner with its main accessories: the cleaning basket, lid, and power cord.

### 4. OPERATING INSTRUCTIONS

1. **Power On:** Turn on the main power switch located at the back or side of the unit. The digital display will illuminate.
2. **Set Temperature (Optional):**
  - Press the "Temp +" or "Temp -" buttons to set the desired cleaning solution temperature. The temperature range is RT (room temperature) to 80°C (176°F).
  - Press the "Temp ON/OFF" button to start the heating function. The heating lamp will light up. The

unit will heat the solution to the set temperature.

### 3. Set Cleaning Time:

- Press the "Time +" or "Time -" buttons to set the desired cleaning duration. The time range is 0 to 30 minutes.
- For optimal cleaning, consider a pre-soak or longer cleaning time for heavily soiled items.

4. **Start Ultrasonic Cleaning:** Press the "Time ON/OFF" button to start the ultrasonic cleaning cycle. The time display will count down.

5. **During Cleaning:** The unit will generate ultrasonic waves, creating cavitation bubbles that dislodge dirt and contaminants. The heating function will maintain the set temperature.

6. **End of Cycle:** Once the set time expires, the ultrasonic function will automatically stop. The heating function will continue if not manually turned off.

7. **Remove Items:** Carefully remove the cleaning basket from the tank. Rinse the cleaned items with clean water and dry them thoroughly.

8. **Power Off:** Turn off the "Temp ON/OFF" and "Time ON/OFF" buttons, then turn off the main power switch.



Image: An illustration depicting the ultrasonic cleaner in operation, with glasses and jewelry submerged in the cleaning solution.

## 5. MAINTENANCE AND CARE

1. **Draining the Tank:** After each use or when changing the cleaning solution, ensure the unit is powered off and unplugged. Allow the solution to cool if heated. Use the drainage system (valve) to empty the

tank.

2. **Cleaning the Tank:** Rinse the stainless steel tank with clean water. Wipe the interior and exterior with a soft cloth. Do not use abrasive cleaners or harsh chemicals that could damage the surface.
3. **Exterior Cleaning:** Wipe the exterior of the unit with a damp cloth. Avoid getting water into the control panel or electrical components.
4. **Storage:** Store the ultrasonic cleaner in a cool, dry place when not in use. Ensure the tank is empty and dry before storage.
5. **Regular Inspection:** Periodically check the power cord for any signs of damage. Ensure the rubber foot pads are intact for stability.



Image: Side view of the ultrasonic cleaner highlighting the brass drainage valve for easy emptying of the tank.

## 6. TROUBLESHOOTING

### Common Issues and Solutions

Problem	Possible Cause	Solution
Unit does not power on.	No power supply; Power cord not connected; Main switch off; Blown fuse.	Check power outlet; Ensure power cord is securely connected; Turn on main power switch; Check and replace fuse if necessary (refer to qualified technician).
Ultrasonic function not working.	"Time ON/OFF" button not pressed; Insufficient water level; Faulty transducer.	Press "Time ON/OFF" button; Ensure water level is between MIN and MAX; Contact customer support if issue persists.
Heating function not working.	"Temp ON/OFF" button not pressed; Insufficient water level; Faulty heating element.	Press "Temp ON/OFF" button; Ensure water level is between MIN and MAX; Contact customer support if issue persists.
Poor cleaning results.	Incorrect cleaning solution; Insufficient cleaning time; Overloaded tank; Items not fully submerged.	Use appropriate cleaning solution for items; Increase cleaning time; Do not overload the tank; Ensure items are fully submerged.



