

CREWORKS JX-040

CREWORKS 10L Ultrasonic Cleaner User Manual

Model: JX-040

1. INTRODUCTION

This manual provides essential information for the safe and effective operation of your CREWORKS 10L Ultrasonic Cleaner. This machine is designed for thorough cleaning of various items such as lab tools, glasses, jewelry, auto parts, and more, utilizing ultrasonic cavitation and heating capabilities.

Please read this manual carefully before initial use and retain it for future reference.

2. SAFETY INFORMATION

Observe the following safety precautions to prevent injury or damage to the unit:

- **Do not disassemble:** Unauthorized disassembly may void the warranty and pose electrical hazards.
- **Always use sufficient fluid:** Ensure the tank is filled to the recommended level before operation to prevent damage to the ultrasonic transducers.
- **Avoid flammable liquids:** Never use flammable, explosive, or corrosive liquids in the tank.
- **Unplug when not in use:** Disconnect the power cord from the outlet when the unit is not in use or before cleaning.
- **Proper ventilation:** Ensure adequate ventilation around the unit during operation.
- **Keep dry:** Do not immerse the main unit in water or other liquids. Avoid splashing water onto the control panel.



Image: Front view of the CREWORKS 10L Ultrasonic Cleaner, showing the control panel and a yellow warning label on the lid.

3. COMPONENTS AND FEATURES

Your CREWORKS 10L Ultrasonic Cleaner includes the following main components:

- Ultrasonic Cleaner Unit (main body with tank)
- Basket (for holding items during cleaning)
- Power Cord
- Water Pipe (drain valve attachment)

Key features include:

- **10L (2.6 Gallon) Capacity:** Large stainless steel tank for various items.
- **240W Ultrasonic Power:** Generates 40kHz sound waves for effective cavitation.
- **300W Heating Power:** Adjustable temperature from 70 to 175°F (20-80°C) for enhanced cleaning.

- **Timer Control:** Adjustable cleaning cycles up to 30 minutes.
- **Durable Construction:** Stainless steel tank (304 grade) and exterior (201 grade).
- **Quiet Operation:** Extra-thick tank wall for noise reduction (below 60 dB).
- **Stable Design:** Non-skid rubber feet for secure placement.

PROFESSIONAL ULTRASONIC CLEANER



**HANDY
ADJUSTMENT KNOBS**
for Time & Temp. Control

**PREMIUM
STAINLESS STEEL**
for Long-lasting Durability



**TWO
PROTECTIVE FUSES**
for Reliable & Safe Operation

**MULTIPLE
DISSIPATION HOLES**
for Dependable Performance

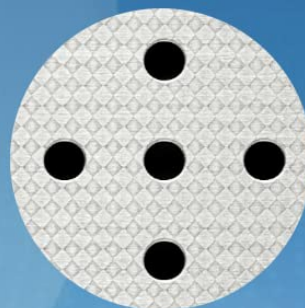
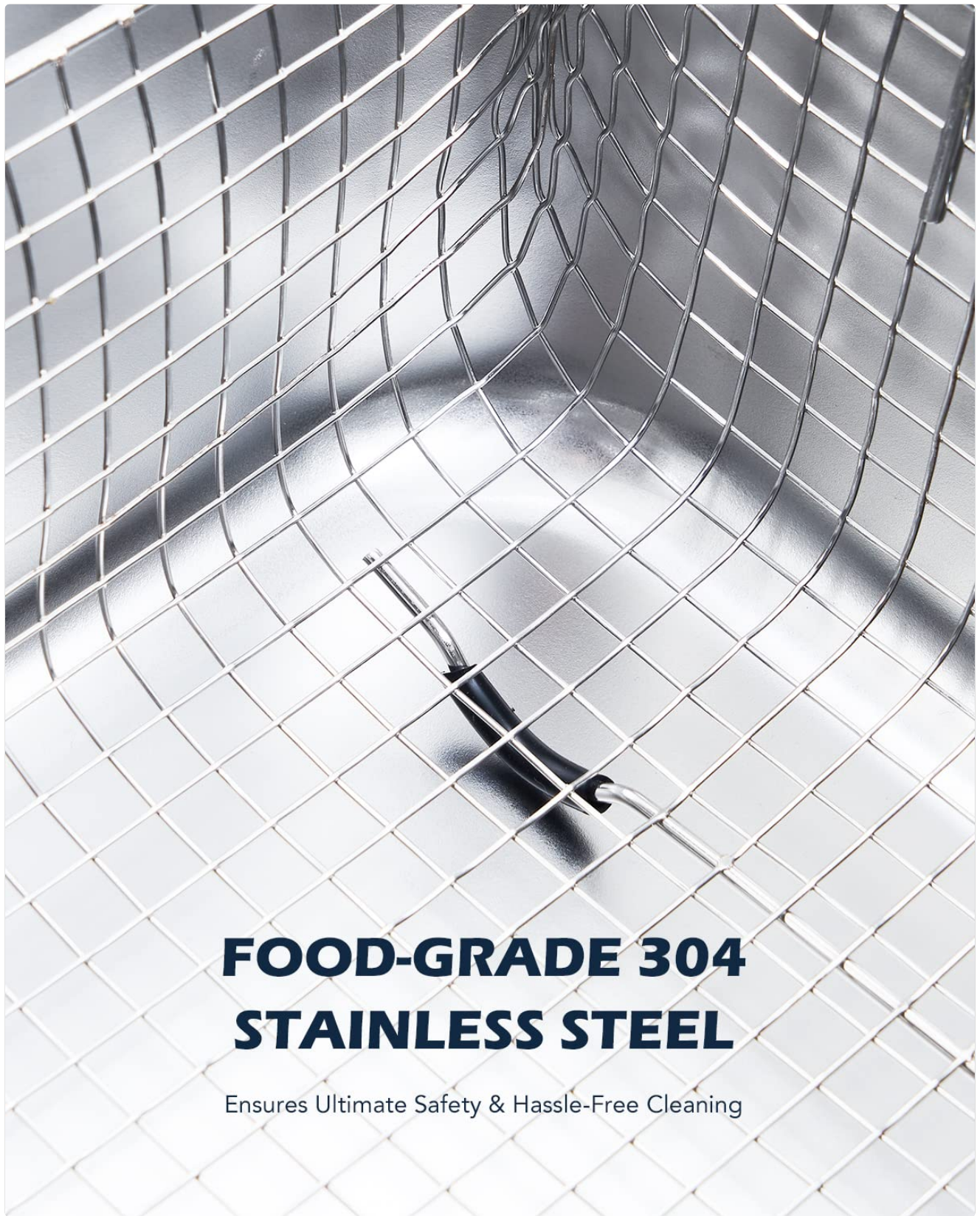


Image: Overview of key features including control knobs, stainless steel construction, fuses, and dissipation holes.



FOOD-GRADE 304 STAINLESS STEEL

Ensures Ultimate Safety & Hassle-Free Cleaning

Image: Interior view of the stainless steel tank, highlighting the 304 food-grade stainless steel construction.

4. SETUP

1. **Unpack:** Carefully remove all components from the packaging. Inspect the unit for any signs of damage.
2. **Placement:** Place the ultrasonic cleaner on a stable, flat, and dry surface. Ensure there is adequate ventilation around the unit.

3. **Connect Drain Valve (if applicable):** Attach the provided water pipe to the drain valve on the side of the unit if you plan to use it for draining.
4. **Fill Tank:** Fill the stainless steel tank with the appropriate cleaning solution (water, or water with a suitable ultrasonic cleaning concentrate) up to the recommended fill line. Do not overfill or underfill. Ensure the items to be cleaned are fully submerged.
5. **Insert Basket:** Place the cleaning basket into the tank.
6. **Connect Power:** Plug the power cord into a grounded electrical outlet.

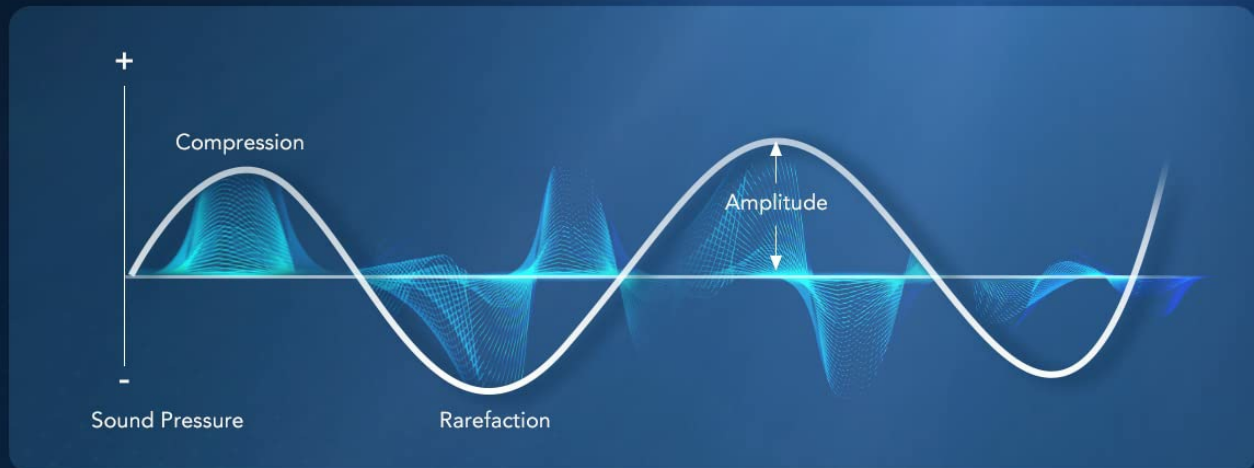
5. OPERATING INSTRUCTIONS

Follow these steps to operate your ultrasonic cleaner:

1. **Prepare Items:** Place the items to be cleaned into the cleaning basket. Ensure items are not touching each other if possible, and are fully submerged in the cleaning solution.
2. **Close Lid:** Close the lid of the ultrasonic cleaner.
3. **Set Temperature (Optional):** If heating is desired, turn the "TEMPERATURE" knob to select the desired temperature between 70°F and 175°F (20°C and 80°C). The heating indicator light will illuminate. Allow time for the solution to reach the set temperature.
4. **Set Cleaning Time:** Turn the "TIME" knob to select the desired cleaning duration, up to 30 minutes. The cleaning indicator light will illuminate, and the ultrasonic cleaning process will begin.
5. **Monitor Process:** The unit will operate for the set time. You may hear a slight buzzing sound, which is normal during ultrasonic operation.
6. **Completion:** Once the set time has elapsed, the unit will automatically stop. The indicator lights will turn off.
7. **Remove Items:** Carefully open the lid and remove the cleaning basket with the cleaned items. Rinse items thoroughly with clean water if necessary and dry them.
8. **Drain Solution:** After cleaning, it is recommended to drain the used cleaning solution. Place a suitable container under the drain valve and open the valve to empty the tank. Close the valve once empty.

POWERFUL ULTRASONIC CAVITATION

Perfect 40 kHz Frequency Produces Liquid Molecules for Thorough Cleaning and Effective Stain Removal



Vibration Begins to Remove Stains

Image: Illustration of how ultrasonic cavitation works to clean items by forming and bursting microscopic bubbles.

WIDE APPLICATION

Thoroughly Clean Intricate Surfaces & Tight Corners
with **240W** Ultrasonic Power & **300W** Heating Power



Glasses



Machine Parts



Auto Parts



Tools



Tableware

Image: Examples of items suitable for cleaning with the ultrasonic cleaner, such as glasses, machine parts, and tools.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your ultrasonic cleaner:

- **Empty and Clean Tank:** After each use, especially if using cleaning solutions other than water, drain the tank completely. Rinse the tank interior with clean water and wipe it dry with a soft cloth. Do not use abrasive

cleaners or scourers.

- **Exterior Cleaning:** Wipe the exterior of the unit with a damp cloth. Do not use harsh chemicals.
- **Storage:** Store the unit in a cool, dry place when not in use.
- **Fuse Replacement:** The unit is equipped with protective fuses. If the unit fails to power on, check and replace the fuses if necessary. Refer to the specifications for fuse type.

7. TROUBLESHOOTING

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

- **Unit does not power on:**
 - Check if the power cord is securely plugged into a working electrical outlet.
 - Verify the power switch is in the "ON" position.
 - Check the fuses. Replace if blown.
- **No ultrasonic action (no buzzing sound):**
 - Ensure the tank is filled with sufficient liquid.
 - Check if the timer is set and the unit is powered on.
 - Contact customer support if the issue persists.
- **Cleaning results are unsatisfactory:**
 - Ensure the cleaning solution is appropriate for the items being cleaned.
 - Increase the cleaning time.
 - Consider using heat to improve cleaning effectiveness.
 - Ensure items are not overcrowded in the basket.

8. SPECIFICATIONS

Attribute	Value
Model Number	JX-040
Tank Volume	10 L (2.6 Gallons)
Ultrasonic Power	240W
Heating Power	300W
Frequency	40 kHz
Temperature Range	70-175°F (20-80°C)
Timer Setting	1-30 minutes

Tank Material	304 Stainless Steel
Exterior Material	201 Stainless Steel
Noise Level	Below 60 dB
Package Dimensions	16.54 x 13.78 x 13.39 inches
Item Weight	17.15 Pounds

SPECIFICATIONS

10 L (2.6 gal.) Tank Volume



Image: Dimensional drawing of the ultrasonic cleaner and its basket.

9. WARRANTY AND SUPPORT

For warranty information or technical support, please contact CREWORKS customer service. Keep your purchase receipt and model number (JX-040) handy when contacting support.

You can find contact information on the official CREWORKS website or through your point of purchase.