

CREWORKS 15L Ultrasonic Cleaner

CREWORKS 15L Ultrasonic Cleaner with Heater and Timer User Manual

Model: 15L Ultrasonic Cleaner | Brand: CREWORKS

1. INTRODUCTION

This manual provides detailed instructions for the safe and efficient operation of your CREWORKS 15L Ultrasonic Cleaner. This industrial-grade ultrasonic cleaner is designed to thoroughly clean various items using cavitation technology, supported by heating and timing functions. Please read this manual carefully before use and retain it for future reference.



Image 1: CREWORKS 15L Ultrasonic Cleaner and Cleaning Solution.

2. IMPORTANT SAFETY INSTRUCTIONS

- **WARNING:** Do not disassemble the unit.
- Do not use unattended.
- Always use sufficient fluid in the tank.
- Unplug before filling & draining.
- Do not power on the device before filling the water into the tank.
- Do not heat the device after emptying the tank.
- Please power off the device, wait for water to reach room temperature, then you can drain off the water of the tank.
- The unit must be connected to ground.
- Do not touch the socket with wet hand to reduce the risk of electrocution.
- Do not use this unit when the tank is not to fill the water.

- Statements regarding dietary supplements have not been evaluated by the FDA and are not intended to diagnose, treat, cure, or prevent any disease or health condition. (*Note: This warning is from the product data, likely related to the cleaning solution.*)

3. PACKAGE CONTENTS

Verify that all items are present and in good condition:

- CREWORKS 15L Ultrasonic Cleaner Unit
- Stainless Steel Cleaning Basket
- Stainless Steel Lid
- 34 fl oz Ultrasonic Cleaning Solution (1:10 Dilution)
- Power Cord
- User Manual (This document)

4. SETUP

1. **Placement:** Place the ultrasonic cleaner on a stable, level, and dry surface. Ensure adequate ventilation around the unit.
2. **Fill the Tank:** Open the lid and fill the stainless steel tank with water. For optimal cleaning, use distilled or deionized water. Do not exceed the "MAX" fill line.
3. **Add Cleaning Solution:** Dilute the provided 34 fl oz Ultrasonic Cleaning Solution with water at a 1:10 ratio. For example, for every 1 part of cleaning solution, add 10 parts of water. Pour the diluted solution into the tank.
4. **Connect Power:** Plug the power cord into a grounded electrical outlet.

CREWORKS

NO MORE CLEANING HEADACHES

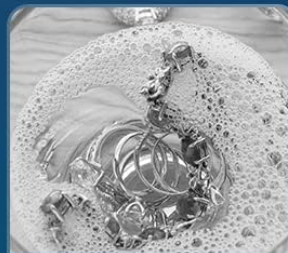
Your Expert Solution to Stubborn Grime



Tight
Corners



Scratched
Surfaces



Harmful
Chemicals



Endless
Scrubbing

Image 2: Front panel of the ultrasonic cleaner showing temperature and time controls.

5. OPERATING INSTRUCTIONS

1. **Prepare Items:** Ensure items to be cleaned are suitable for ultrasonic cleaning. Remove any loose debris or large particles before placing them in the basket.
2. **Place Items:** Carefully place the items into the stainless steel cleaning basket. Lower the basket into the tank, ensuring items are fully submerged in the cleaning solution but not touching the bottom of the tank directly.
3. **Set Temperature:** Turn the "TEMPERATURE" knob to set the desired cleaning temperature. The unit can heat up to 176°F (80°C). Heating helps to loosen grime and improve cleaning efficiency. The "HEATING" indicator light will

illuminate.

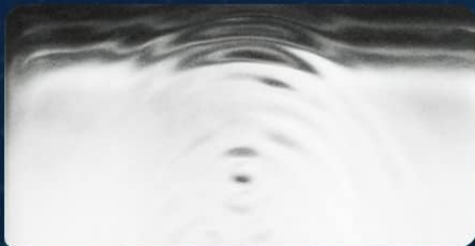
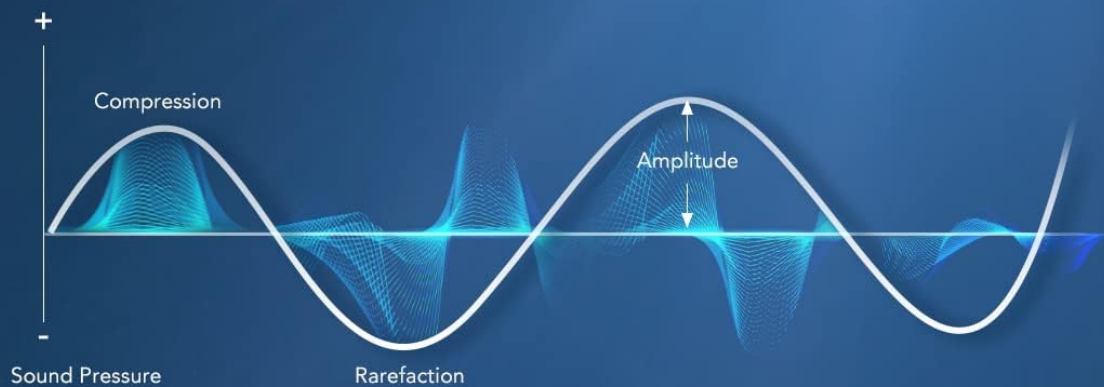
4. **Set Time:** Turn the "TIME" knob to set the desired cleaning duration. The timer can be set for up to 30 minutes. The "CLEANING" indicator light will illuminate when the ultrasonic function is active.
5. **Start Cleaning:** The unit will begin the ultrasonic cleaning process once the timer is set. The cavitation bubbles generated will dislodge dirt, grime, and other contaminants from the items.
6. **Monitor Progress:** For heavily soiled items, multiple cleaning cycles or pre-soaking may be necessary.
7. **End Cycle:** Once the set time has elapsed, the unit will automatically stop. The indicator lights will turn off.
8. **Remove Items:** Carefully lift the basket out of the tank. Rinse the cleaned items with clean water to remove any residual solution or dislodged debris. Dry thoroughly.

5.1. Understanding Ultrasonic Cleaning (Cavitation)

The CREWORKS Ultrasonic Cleaner utilizes high-frequency sound waves (40 kHz) to create microscopic bubbles in the cleaning solution. These bubbles rapidly form and collapse (cavitation), generating powerful scrubbing action that dislodges contaminants from surfaces, even in intricate areas. This process is highly effective for removing dirt, tarnish, carbon, and other residues without harsh chemicals or abrasive scrubbing.

POWERFUL ULTRASONIC CAVITATION

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

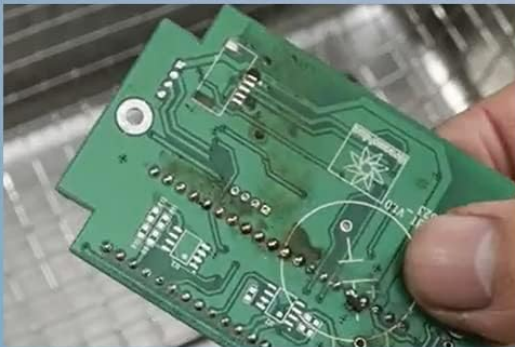


Vibration Begins to Remove Stains

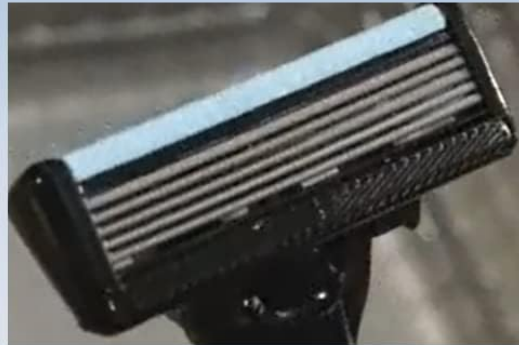
Image 3: Illustration of powerful ultrasonic cavitation at 40 kHz frequency.

VISIBLE CLEANING EFFECT

BEFORE



AFTER



Note: Unauthorized use of Creworks' pictures will lead to legal action.

Image 4: Visible cleaning effect on various items after ultrasonic cleaning.

5.2. Using the Cleaning Solution

The included CREWORKS Heavy Duty Cleaner & Degreaser is a concentrated solution designed for use with ultrasonic cleaners. It is suitable for most metals, alloys, and plastics. Always dilute it with water at a 1:10 ratio (1 part solution to 10 parts water) before use. This ensures effectiveness and extends the solution's lifespan.

MULTIPURPOSE CLEANER



Electronic Components



Carburetors



Gun Parts



Engine Parts



Metals



Bicycle Chains



Plastics



Image 5: CREWORKS Heavy Duty Cleaner & Degreaser for various applications.

THOROUGH CLEANING

- ✓ Grease Buildup
- ✓ Tight Corners
- ✓ Persistent Residues
- ✓ Stubborn Stains



Image 6: Thorough cleaning of parts using the solution.

Before



After







VISIBLE CLEANING EFFECT

☒ Sparkling Surface

☒ Corrosion Resistant

☒ Effective Stain Removal

☒ Scratch Resistant

Image 7: Visible cleaning effect on a bicycle chain.

5.3. Official Product Videos

CREWORKS Ultrasonic Cleaner with Knobs

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Video 1: Demonstrates the setup and operation of the CREWORKS Ultrasonic Cleaner with manual knobs for temperature and time control. Shows items being placed in the basket and the cleaning process in action.

CREWORKS 1 Gallon Ultrasonic Carburetor Cleaner

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Video 2: Illustrates the use of CREWORKS cleaning solution with an ultrasonic cleaner for carburetor parts. Shows the dilution process, placement of parts, and the resulting cleanliness.

CREWORKS 10L Ultrasonic Cleaner w Multi-Slots

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Video 3: Showcases the CREWORKS ultrasonic cleaner with multi-slots, demonstrating its versatility for cleaning various small items like jewelry, glasses, and watch parts. Highlights the ease of use and effective cleaning.

A-Team Ultrasonic Carburetor Cleaning Solution

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Video 4: Provides instructions on how to use the A-Team Ultrasonic Carburetor Cleaning Solution, including dilution ratios and the process of cleaning engine parts.

Ultrasonic Cleaning Solution for Carburetors & Engine Parts

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Video 5: Demonstrates the effectiveness of ultrasonic cleaning solution for carburetors and engine parts, showing the process and the clean results.

Creworks Ultrasonic Cleaner Your Cleaning Headache Solver

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Video 6: Highlights the benefits of the Creworks Ultrasonic Cleaner for tackling stubborn grime and hard-to-reach areas, showcasing its ease of use and powerful cleaning capabilities.

6. MAINTENANCE

- 1. **Draining the Tank:** After each use, especially when the solution is visibly dirty, unplug the unit. Allow the water to cool to room temperature. Use the built-in drain valve (if available on your model) or carefully pour out the used solution.
- 2. **Cleaning the Tank:** Rinse the stainless steel tank with clean water. Wipe the interior and exterior of the unit with a soft, damp cloth. Do not use abrasive cleaners or scouring pads.
- 3. **Storage:** Store the ultrasonic cleaner in a cool, dry place with the lid closed to prevent dust accumulation.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not power on.	No power supply; unit not plugged in.	Check power cord connection and outlet. Ensure unit is properly grounded.
No ultrasonic action.	Insufficient fluid in tank; timer not set.	Ensure fluid level is above MIN mark and below MAX. Set the timer.
Poor cleaning results.	Incorrect solution dilution; items too dirty; incorrect temperature/time.	Verify 1:10 solution dilution. Pre-clean heavily soiled items. Adjust temperature and time as needed. Use appropriate cleaning solution for item type.
Unit is overheating.	Running without sufficient fluid; prolonged use.	Ensure proper fluid level. Allow unit to cool down between extended uses.

8. SPECIFICATIONS

- **Brand:** CREWORKS
- **Model:** 15L Ultrasonic Cleaner
- **Tank Capacity:** 15 Liters (approx. 4 Gallons)
- **Ultrasonic Power:** 360W
- **Heating Power:** Up to 400W
- **Ultrasonic Frequency:** 40 kHz
- **Temperature Range:** Up to 176°F (80°C)
- **Timer:** Up to 30 minutes
- **Material:** Stainless Steel
- **Cleaning Solution Volume:** 34 Fluid Ounces (Concentrated)
- **Cleaning Solution Dilution:** 1:10 with water

9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the contact information provided with your purchase or visit the official CREWORKS website. Keep your purchase receipt as proof of purchase for warranty claims.