

## User Manual Ultrasonic Cleaner



### Disclaimer

#### 1. Product Modifications

Any modifications or alterations to Crewworks products void any warranties and may result in damage or injury. Crewworks shall not be liable for any damages resulting from such modifications or alterations.

#### 2. Compliance with Laws

Customers shall be liable for ensuring that the use of Crewworks products complies with all applicable laws and regulations in their respective jurisdictions. Crewworks shall not be responsible for any violations of laws or regulations resulting from the use of Crewworks products.

#### 3. Correct Use

Always use Crewworks products only as directed in the accompanying manuals. Failure to follow instructions may result in injury or damage.

Always ensure the assembly, installation, operation, maintenance, or repair of Crewworks products is carried out by a competent person.

Regular maintenance should be performed throughout the lifecycle of Crewworks products. You are responsible for ensuring the products operate as intended.

Always wear appropriate protective gear.

#### **4. Third-Party Products**

Crewworks shall not be liable for any damages or losses resulting from the use of third-party products in conjunction with Crewworks products. Customers shall refer to the third-party's guidelines and/or warranties (if any) for any third-party products used.

#### **5. Limitation of Liability**

Crewworks shall not be liable for any direct, indirect, punitive, incidental, special, or consequential damages to property or life, whatsoever arising out of or connected with the use or misuse of Crewworks products. In no event shall Crewworks's liability exceed the value of the products sold.

#### **6. Warranty**

Refer to the sales page for warranty information.

This disclaimer states the entire obligation of Crewworks with respect to Crewworks products. If any part of this disclaimer is determined to be void, invalid, unenforceable, or illegal, including but not limited to the warranty disclaimers, liability disclaimers, and liability limitations set forth above, the invalid or unenforceable provision will be deemed superseded by a valid and enforceable provision that most closely matches the intent of the original provision and the remainder of the agreement shall remain in full force and effect.

### **Safety Information**

#### **Warning**

- Read all instructions before using the device and save these instructions.
- Use this device ONLY in accordance with these instructions and for its intended purpose.
- This device can be used by children aged 8 and above and persons with reduced physical, sensory, or mental capabilities, ONLY IF (1) they have been given supervision or instruction concerning the use of the appliance in a safe way, (2) they understand the hazards involved, (3) there are persons capable of safely using this appliance present during the entire process of use.
- Keep the device and its cord out of the reach of children under 8 years old.
- If the supply cord is damaged, cease using it and have the cord replaced by the manufacturer, its service agent, or similarly qualified persons before resuming use.
- Cleaning and user maintenance shall not be done by children without supervision.
- ONLY use this device with a stable, compatible, and well-grounded power source. DO NOT use 3-to-2 prong adapters, ungrounded extension cords, or extension cords of insufficient gauge for this device's expected electrical load.
- ALWAYS keep the air inlet free of any obstruction.

- DO NOT modify the power plug or move this device by pulling on its power cord. In case of power loss during operation, unplug it IMMEDIATELY until power is restored.
- ALWAYS disconnect this device from power before filling up or draining fluid.
- DO NOT allow this device to run dry or with excessive fluid.
- NEVER fill the tank above the recommended maximum height mark or within 1/2 inches (1 cm) of the top if there is no such mark.
- NEVER operate this device with less than 1/2 of its tank height.
- DO NOT use volatile solvents with low boiling temperatures. Ultrasonic waves can cause them to heat up and release fumes.
- DO NOT use this device around flammable, explosive, or corrosive objects or fumes.
- DO NOT get any electrical components wet or operate them with wet hands or in highly humid environments. If they become wet accidentally, disconnect them from power and allow time for them to dry completely before further use.
- DO NOT leave this device unattended or its lid open during use.
- DO NOT place any body parts in the tank during use.
- DO NOT remove the lid before or immediately after the heating is turned off, as hot steam may burn your bare skin.
- ALWAYS disconnect this device from power before performing any cleaning, maintenance, or repair.
- DO NOT operate this device if it malfunctions or shows signs of damage. Repair or replace damaged components before further use. NEVER replace any parts with nonidentical ones.

## Caution

- Standard ultrasonic cleaning is NOT recommended for porous items like corals or gemstones, such as pearls, emeralds, and opals. Apply degassing and gentle cleaning for them.
- DO NOT use fluids that can damage the stainless-steel surface of the tank, such as strong acids or bases.
- For aqueous fluids, deionized, demineralized, or distilled water is recommended to avoid harmful impurities.
- DO NOT drop items or place them directly into the tank, as both actions may damage the transducer before or during use. ALWAYS deposit items into the tank gently and use the provided basket to hold them.
- To extend the service life, DO NOT operate this device for more than 30 minutes continuously.

- ALWAYS remove all items before emptying the used fluid from the tank.

## Specifications

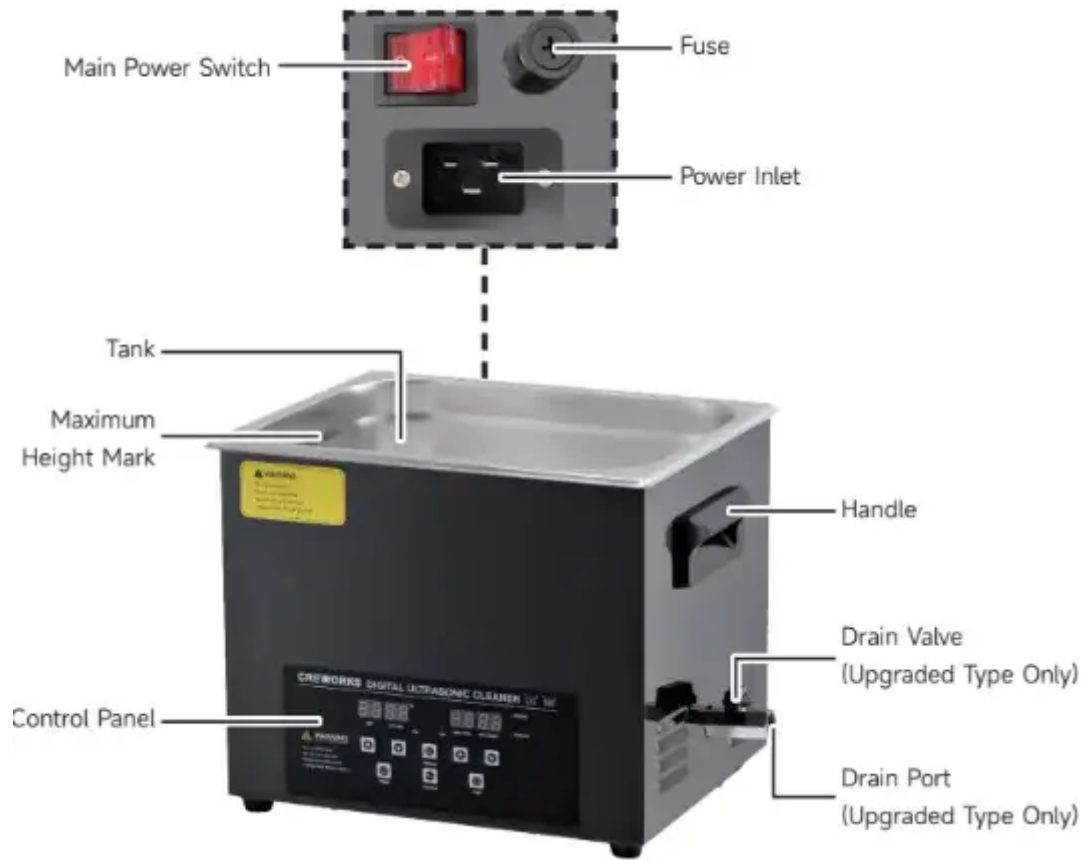
Model		JX-080T	JX-100T
Input Power		AC 110-120 V, 60 Hz	
Tank	Size	500 × 300 × 150 mm 19.7 × 11.8 × 5.9 in	500 × 300 × 200 mm 19.7 × 11.8 × 7.9 in
	Capacity	22 L 5.81 gal	30 L 7.93 gal
Oscillation	Power	480W/240W	600W/300W
	Frequency	40 kHz	
	Timer Range	Standard 1-30 min Extended 1-99 min	
Heating	Power	1200 W	
Max Temperature		176 °F	
Fuse Type		F20AL250V (6 × 30 mm)	
Drain Port Outer Diameter		1/2 in	
Power Cord Length		1.2 m 3.9 ft	1.2 m 3.9 ft
Overall Dimensions		53 × 33 × 28 cm 20.8 × 13.0 × 11.0 in	53 × 33 × 33.3 cm 20.8 × 13.0 × 13.1 in
Weight		11.2 kg 24.69 lb	12.8 kg 28.2 lb

## Package List

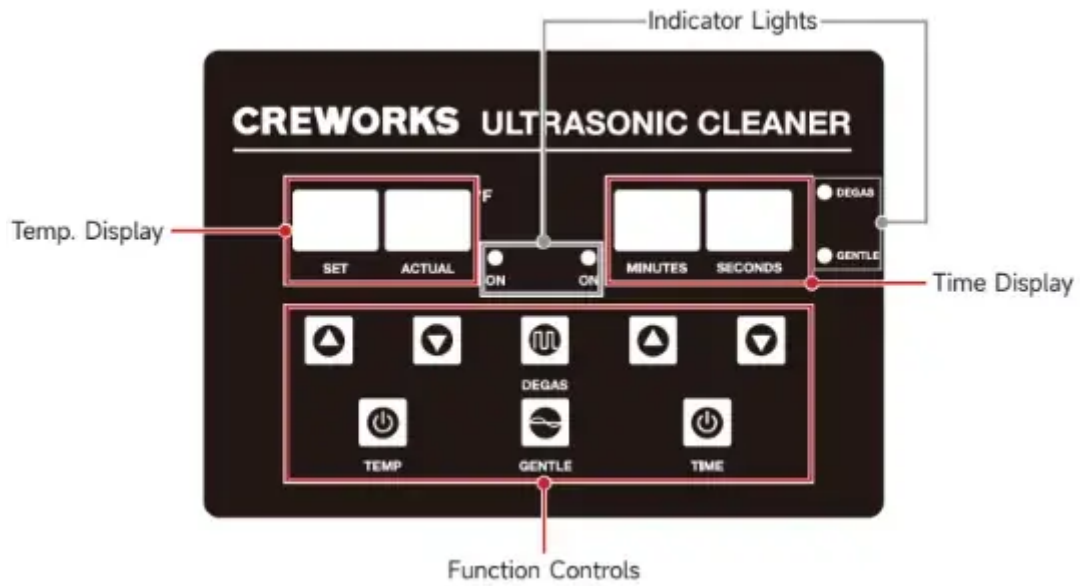


No.	Item	Qty.
A	Ultrasonic Cleaner	1
B	Power Cord	1
C	Lid	1
D	Mesh Basket	1

## Product Diagram



## Control Panel



Temp. Display		Displays the set temperature and the actual temperature.	
Time Display		Displays the set cleaning time when you are setting the cleaning time. Displays the remaining cleaning time when the oscillation begins.	
Function Controls	▲	Press to increase the temperature or cleaning time.	
	▼	Press to decrease the temperature or cleaning time.	
	TEMP	Press to activate or deactivate the heating.	
	TIME	Press to activate or deactivate the oscillation. Hold to switch the timer range from 1–30 minutes to 1–99 minutes.	
	DEGAS	Press to activate or deactivate periodic degassing, alternating 10 seconds of oscillation with 5 seconds of rest to allow air, nitrogen, and other dissolved gases to escape.	
	GENTLE	Press to activate or deactivate gentle cleaning, reducing the oscillation intensity.	
	Indicator Lights	ON	Lights on when the heating or oscillation begins.
DEGAS	Lights on when the periodic degassing is activated.		
GENTLE	Lights on when the gentle cleaning is activated.		

## Operation

### Preparation

1. Turn the drain valve clockwise to close it completely.
2. Connect the drain port to a sink or an appropriate container through a drain hose (not included).
3. Remove the lid from the top of the ultrasonic cleaner.
4. Fill the tank with the cleaning fluid appropriate for your task.  
**Warning:** Be careful that its level will NOT exceed the 1/2 inches (1 cm) of the top once your items are added. NEVER operate this device with less than 1/2 of its tank height.
5. Place the provided mesh basket and its handles in the tank.
6. Place the items to be cleaned into the basket gently, ensuring your items are FULLY submerged while the fluid remains BELOW the 1/2 inches (1 cm) of the top.

7. Remove excess fluid appropriately if necessary.
8. Replace the lid.

## Power On

1. Connect the device to a stable, compatible, and well-grounded power source using the provided power cord.  
**Warning:** DO NOT use a 3-to-2 prong adapter or ungrounded extension cord.
2. Flip the power switch behind the device to I. The control panel should be displaying the current temperature of the fluid.

## Cleaning Procedures

**Note:** If you are not sure about the cleaning time and temperature, refer to Recommended Settings on Page 7.

1. Press the ▲ or ▼ above **TEMP** to set the heating temperature at 68-176 °F or 20-80 °C.  
**Caution:** The set temperature needs to be higher than the fluid's current temperature.
2. Press **TEMP** to start heating.  
The heating indicator light should turn on and the **ACTUAL** temperature will start flashing. The heating will stop when the fluid reaches the set temperature. To stop heating ahead of time, press **TEMP** again.

Note:

- You can also perform ultrasonic cleaning while heating, but if the cleaning time is too short, it is recommended to preheat to the set temperature before starting cleaning, or you won't be able to clean items at the temperature you set.
  - Set a temperature slightly lower than your desired temperature if the heating and cleaning functions are to be active simultaneously, as there may be a slight temperature increase during ultrasonic cleaning.
  - The actual temperature may be higher than the set temperature while the oscillation is in process. This is normal.
3. Press the ▲ or ▼ above **TIME** to set the length of ultrasonic cleaning up to 30 minutes. To extend the cleaning time, hold **TIME** until 99% is displayed, enabling you to set the timer to 1-99 minutes.  
**Warning:** Continuous use longer than 30 minutes is NOT recommended and will shorten this device's service life. For best results, use repeated 30-minute sessions paired with 15-minute rest breaks when prolonged cleaning is needed.
  4. Press **TIME** to start ultrasonic cleaning.  
The oscillation indicator light should turn on and the remaining time will count down in the time display area.

The oscillation will stop at the end of its countdown.

To stop oscillation ahead of time, press **TIME** again.

5. (Optional) If needed, press **GENTLE** to toggle to gentle cleaning.

The gentle cleaning indicator light should come on and the cleaner will reduce the oscillation intensity.

To return to standard cleaning, press **GENTLE** again.

6. (Optional) If needed, press **DEGAS** to start periodic degassing.

The degassing indicator light should come on and the cleaning will begin to alternate 10 seconds of cleaning with 5 seconds of rest to allow air, nitrogen, and other dissolved gases time to escape.

To return to continuous oscillation, press **DEGAS** again.

## After Cleaning

1. Flip the power switch to **O** and disconnect the device from power.

2. Open the lid.

3. Remove the fluid from the device.

- For the basic type, pour out the fluid by tilting the device.
- For the upgraded type, turn the drain valve counterclockwise completely to open it completely, fully drain the fluid, and turn the valve back in place.

4. Remove the mesh basket from the tank.

**Caution:** Handle hot water vapor with care and use tools to take out the items.

5. Wait till the items have cooled to room temperature and remove them from the mesh basket.

6. Rinse any remaining detergent off their surfaces with clean water as needed.

7. Use a soft cloth to dry the exterior of your items, the tank, and the basket, or allow time for everything to air dry.

8. Replace the basket and lid.

## Recommended Solutions

It is recommended to use **CREWORKS** solutions.

Solution	Application	Ratio (Solution to Water)
Jewelry Cleaner Solution	Gold, Silver, Gems, Glasses, and More	1:40
Parts Cleaner Solution	Most Metal and Plastic	1:10
Heavy-Duty Rust Remover	Metal, Plastic, and Rubber	1:10

## Recommended Settings

### Caution

- Ultrasonic cleaning is **NOT** recommended for porous items like corals or gemstones like pearls, emeralds, and opals.
- The washing time can be adjusted based on the contamination level of the items, adding the appropriate cleaning solution to achieve the best cleaning effect.
- Choose mild cleaning agents; avoid strong acids/alkalis or corrosive cleaning fluids.
- It is recommended to let the machine run for no more than 30 minutes, followed by a 15-minute rest before continuing.
- During operation, the ultrasonic vibrator causes the water temperature to rise. It is recommended not to set the temperature above 80°C / 176°F.
- If the item to be cleaned is heavily soiled, you can use the degas function to aid the cleaning process.

Item	Temperature	Time
Glasses (without UV coating)	30-40°C/86-104°F	90 s
Pens, Cutters, Steel Pen Tips, etc.	40-50°C/104-122°F	360 s
Toothbrush, Razor Blades, Utility Knives, etc.	40-50°C/104-122°F	360 s
Rings, Necklaces, Earrings, Watches, etc.	50-60°C/122-140°F	540 s
Metal Cutlery, Ceramic Tableware, Glassware, etc.	50-60°C/122-140°F	18 min
Lenses, Mirror Lenses, Transparent Lenses, etc.	30-40°C/86-104°F	900 s
Fake Teeth, Retainers	30-40°C/86-104°F	360 s
Fishing Tackle, Low-Profile Reel	40-50°C/104-122°F	900 s
Jade, Hardware Workpieces	50-60°C/122-140°F	30 min

## Maintenance

- Turn off and unplug this device prior to any draining, cleaning, maintenance, or repair.
- Replace the cleaning fluid between uses.
- Check the parts of this device for any wear or damage after use. Repair or replace any faulty parts before further use.



- If this device is not going to be used for an extended period of time, unplug, drain, and fully dry it before storing it in a cool, dry, and clean place away from direct sunlight and inaccessible to children.

## Disposal

Electrical products should not be disposed of with household products. In the EU and UK, according to the European Directive 2012/19/EU for the disposal of electrical and electronic equipment and its implementation in national laws, used electrical products must be collected separately and disposed of at the collection points provided for this purpose. Locations in Australia, Canada, and the United States may have similar regulations. Contact your local authorities or dealer for disposal and recycling advice.

## We care about your experience!

We truly hope our product brings you joy and convenience. If you have any questions or need assistance, please don't hesitate to reach out. We're always happy to help!

Simply fill out the form below, take a photo of it (along with any relevant photos or videos if needed), and email it to us. Our service team will respond within 24 hours.

Platform: Amazon eBay Walmart Wayfair Other: (please specify)

Order Information: Order No.: Product: Purchase Date: Your Name: Email:

Subject of Inquiry

Your satisfaction means everything to us. :)

support@creworksequipment.com

### Warning

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.