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> VEVOR 3L Ultrasonic Cleaner User Manual (Model TH-20A)

VEVOR TH-20A

VEVOR 3L Ultrasonic Cleaner User Manual

Model: TH-20A

INTRODUCTION

This manual provides essential instructions for the safe and efficient operation of your VEVOR 3L Ultrasonic Cleaner. This device is designed for deep cleaning various items such as jewelry, glasses, watches, circuit boards, and small parts using ultrasonic technology and a heated function. Please read this manual thoroughly before first use and retain it for future reference.



Image: The VEVOR 3L Ultrasonic Cleaner, showcasing its compact design and digital control panel.

SAFETY INSTRUCTIONS

To prevent injury or damage to the unit, always adhere to the following safety precautions:

- **Electrical Safety:** Ensure the unit is connected to a grounded outlet. Do not disassemble the unit except for authorized personnel. Avoid touching the power cord with wet hands to reduce the risk of electric shock.
- **Water Level:** Do not operate the unit without sufficient water in the tank. The water level should always be above the minimum fill line and below the maximum fill line.
- **Heat and Overheating:** The unit generates heat. Ensure adequate ventilation around the unit during operation. Do not block ventilation openings.
- **Chemicals:** Use only cleaning solutions recommended for ultrasonic cleaners. Avoid flammable, corrosive, or abrasive cleaning agents.
- **Children and Pets:** Keep the unit out of reach of children and pets.
- **Damaged Unit:** Do not operate the unit if it is damaged or malfunctioning. Contact customer support for assistance.

PRODUCT COMPONENTS

The VEVOR 3L Ultrasonic Cleaner package includes the following items:

- 1 x Ultrasonic Cleaner Unit
- 1 x Cleaning Basket
- 1 x Power Cord
- 1 x User Manual (this document)

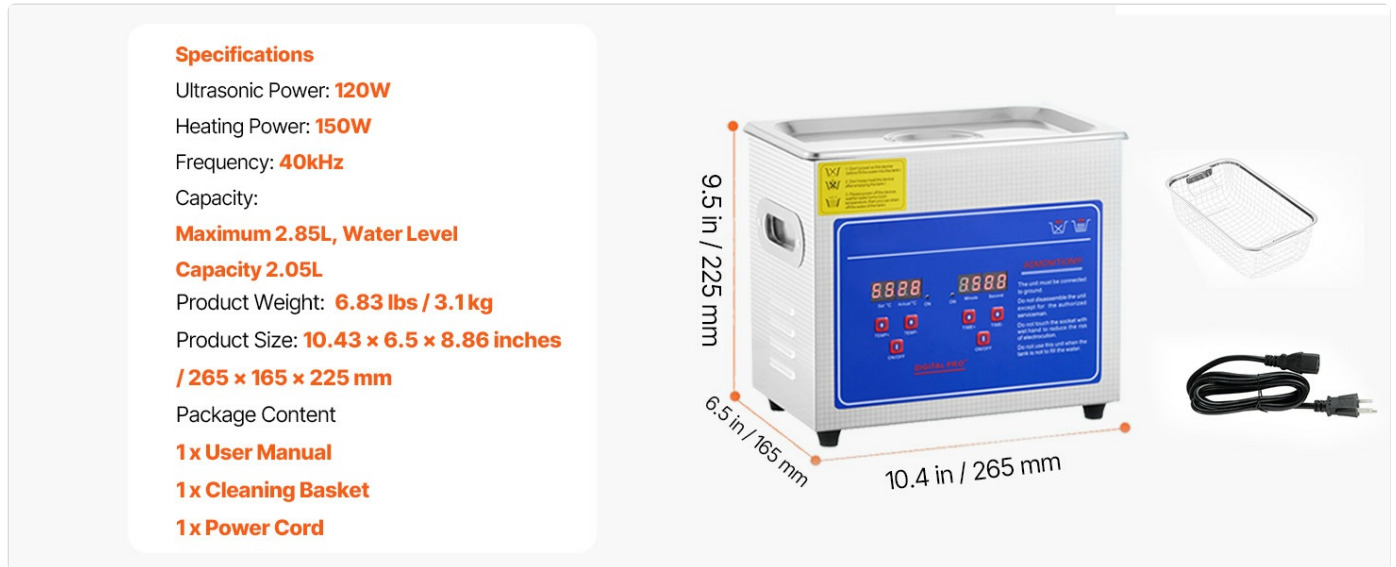


Image: Key accessories including the stainless steel tank, cleaning basket, and integrated carry handle.

SETUP

1. **Unpacking:** 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 space around the unit for ventilation.
3. **Power Connection:** Connect the power cord to the unit and then to a grounded electrical outlet.
4. **Fill Tank:** Open the lid and fill the stainless steel tank with the appropriate cleaning solution. Ensure the liquid level is between the "MIN" and "MAX" marks. Do not overfill or underfill.
5. **Insert Basket:** Place the cleaning basket into the tank.



Image: The ultrasonic cleaner with its lid removed, revealing the stainless steel cleaning tank.

OPERATING INSTRUCTIONS

The VEVOR 3L Ultrasonic Cleaner features a digital control panel for precise time and temperature settings.



Image: Detailed view of the digital control panel, highlighting temperature and time controls.

- 1. Load Items:** Place the items to be cleaned into the cleaning basket. Ensure items are fully submerged in the cleaning solution but do not touch the bottom of the tank directly. Avoid overcrowding the basket.
- 2. Set Temperature (Optional):** Press the "TEMP+" or "TEMP-" buttons to adjust the desired cleaning temperature. The temperature can be set from room temperature up to 176°F (80°C). Press the "Heating ON/OFF" button to start or stop the heating function.
- 3. Set Cleaning Time:** 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 "Ultrasonic ON/OFF" button to begin the ultrasonic cleaning process. The unit will start generating ultrasonic waves.
- 5. Monitor Progress:** The digital display will show the remaining cleaning time and the actual temperature.
- 6. End of Cycle:** Once the set time expires, the ultrasonic function will automatically stop. You can manually stop the process at any time by pressing the "Ultrasonic ON/OFF" button again.
- 7. Remove Items:** Carefully remove the cleaning basket from the tank. Rinse the cleaned items with clean water and dry them thoroughly.

Your browser does not support the video tag.

Video: Demonstration of the VEVOR Ultrasonic Cleaner in action, showing how it transforms dirty items into pristine condition.

MAINTENANCE

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

- Draining the Tank:** After each use, especially if using specialized cleaning solutions, drain the tank. Use the drain valve if available, or carefully pour out the liquid.
- Cleaning the Tank:** Wipe the inside of the stainless steel tank with a soft cloth. Do not use abrasive cleaners or scouring pads, as these can damage the tank surface.
- Exterior Cleaning:** Clean the exterior of the unit with a damp cloth. Avoid getting water into the control panel or electrical components.
- Storage:** Store the unit in a cool, dry place when not in use. Ensure the tank is empty and dry before storage.
- Fuse Replacement:** The unit includes a spare fuse. If the unit fails to power on, check and replace the fuse located at the back of the unit if necessary. Always unplug the unit before attempting fuse replacement.

TROUBLESHOOTING

Refer to the following table for common issues and their solutions:

Problem	Possible Cause	Solution
Unit does not power on.	No power supply; Blown fuse.	Check power cord connection and outlet; Replace fuse.

Problem	Possible Cause	Solution
Ultrasonic function not working.	Insufficient water level; Ultrasonic function not activated.	Ensure water level is correct; Press "Ultrasonic ON/OFF" button.
Heating function not working.	Heating function not activated.	Press "Heating ON/OFF" button.
Poor cleaning results.	Incorrect cleaning solution; Overcrowding; Insufficient cleaning time/temperature.	Use appropriate solution; Clean fewer items at a time; Increase time or temperature.
Unit is excessively noisy.	Normal operation sound; Unit not on a stable surface.	Some noise is normal during ultrasonic operation; Ensure unit is on a flat, stable surface.

SPECIFICATIONS

- **Brand:** VEVOR
- **Model Number:** TH-20A
- **Capacity:** 3L (Maximum 2.85L, Water Level Capacity 2.05L)
- **Ultrasonic Power:** 120W
- **Heating Power:** 150W
- **Frequency:** 40kHz
- **Material:** 304 Stainless Steel Tank
- **Product Dimensions:** 10.43 x 6.5 x 8.86 inches (265 x 165 x 225 mm)
- **Product Weight:** 6.83 lbs (3.1 kg)
- **UPC:** 197988365518

Equipped with Sandwich Piezoelectric Transducer

Breaks Down Stubborn Grime with Ease





Ultrasonic Waves Generate Millions of Microbubbles



Bubbles Expand and Collapse, Creating Intense Vibrations



Repeated Vibrations Lift Away Dirt and Contaminants Completely

Image: Visual representation of the cleaner's core specifications: 40kHz frequency, 150W heating power, and 120W ultrasonic power.

Specifications

Ultrasonic Power: **120W**

Heating Power: **150W**

Frequency: **40kHz**

Capacity:

Maximum 2.85L, Water Level

Capacity 2.05L

Product Weight: **6.83 lbs / 3.1 kg**

Product Size: **10.43 × 6.5 × 8.86 inches**

/ 265 × 165 × 225 mm

Package Content

1 x User Manual

1 x Cleaning Basket

1 x Power Cord

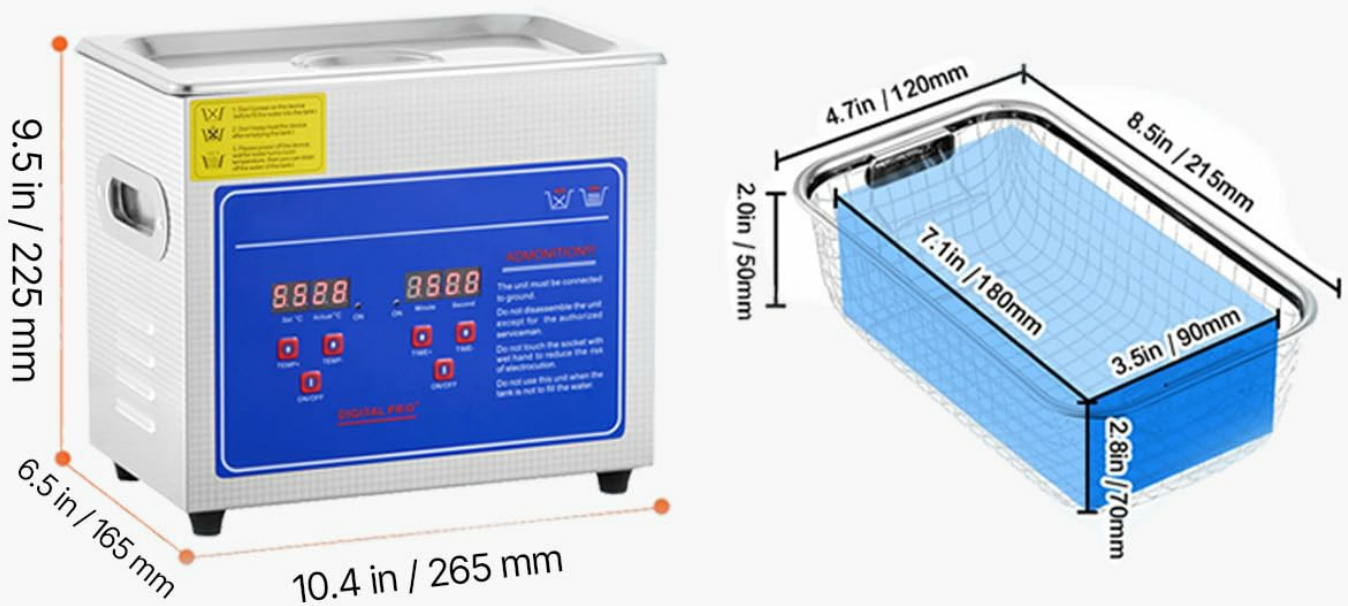


Image: Detailed dimensions of the ultrasonic cleaner unit and its cleaning basket.

WARRANTY AND SUPPORT

VEVOR products typically come with a one-year warranty. For warranty claims, technical support, or any questions regarding your VEVOR 3L Ultrasonic Cleaner, please contact VEVOR customer service. Refer to the official VEVOR website or your purchase documentation for specific contact information.

Online Support: www.vevor.com

