

Borosil UCB025

Borosil UCB025 1.5 Liter Digital Ultrasonic Cleaner Bath User Manual

Model: UCB025

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Borosil UCB025 1.5 Liter Digital Ultrasonic Cleaner Bath. Please read these instructions thoroughly before using the device to ensure proper functionality and to prevent damage or injury.

The Borosil UCB025 is designed for effective cleaning of various items using ultrasonic waves, making it suitable for laboratory, industrial, and other professional applications. It features a digital timer and temperature control for precise cleaning cycles.

2. SAFETY INSTRUCTIONS

WARNING: Failure to follow these safety instructions may result in electric shock, fire, serious injury, or damage to the unit.

- Always ensure the unit is properly grounded.
- Do not operate the unit without liquid in the tank. This can damage the ultrasonic transducers.
- Do not immerse the main unit in water or other liquids.
- Keep the unit away from heat sources and direct sunlight.
- Use only recommended cleaning solutions. Avoid flammable, corrosive, or abrasive liquids.
- Ensure the lid is closed during operation to prevent splashing and reduce noise.
- Unplug the unit from the power outlet before cleaning or maintenance.
- Do not touch the tank or cleaning solution during operation, especially if heated.
- Keep out of reach of children.
- If the unit shows signs of damage, discontinue use immediately and contact customer support.

3. PRODUCT FEATURES

- 1.5 Liter tank capacity for various cleaning tasks.

- Digital control panel for precise time and temperature settings.
- Adjustable working temperature range from Ambient +5 °C to 80 °C.
- High-frequency 40kHz ultrasonic waves for thorough cleaning.
- Integrated heater with 100W power for enhanced cleaning efficiency.
- Timer setting from 1 to 99 minutes.

4. SPECIFICATIONS



Figure 1: Borosil UCB025 1.5 Liter Digital Ultrasonic Cleaner Bath. This image displays the main unit with its digital control panel and handles.

Parameter	Value
Brand	Borosil
Model Number	UCB025
Capacity	1.5 Liters

Parameter	Value
Working Temperature Range	Ambient +5 °C to 80 °C
Frequency	40 kHz
Time Setting	1 - 99 minutes
Interior Dimensions (L x W x H)	150 x 140 x 100 mm
Exterior Dimensions (L x W x H)	190 x 170 x 220 mm
Ultrasonic Power	50 W
Heater Power	100 W
Item Weight	7 kg

5. SETUP

1. **Unpacking:** Carefully remove the ultrasonic cleaner from its packaging. Inspect for any signs of damage.
2. **Placement:** Place the unit on a stable, level, and dry surface, away from direct heat or moisture. Ensure adequate ventilation around the unit.
3. **Power Connection:** Connect the power cord to a grounded electrical outlet with the correct voltage.
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.
5. **Insert Basket:** If using, place the cleaning basket into the tank.

6. OPERATING INSTRUCTIONS

1. **Prepare Items:** Place the items to be cleaned into the cleaning basket. Ensure items are not touching each other and are fully submerged in the cleaning solution.
2. **Close Lid:** Close the lid securely.
3. **Power On:** Turn on the main power switch (if present). The digital display will illuminate.
4. **Set Temperature (Optional):** Use the temperature control buttons to set the desired cleaning solution temperature. The heater will begin to warm the solution.
5. **Set Timer:** Use the timer control buttons to set the desired cleaning duration (1-99 minutes).
6. **Start Cleaning:** Press the "Start" button to begin the ultrasonic cleaning cycle. The unit will emit a humming sound, indicating that the ultrasonic waves are active.
7. **Monitor Progress:** The digital display will show the remaining time.
8. **End Cycle:** Once the timer counts down to zero, the ultrasonic cleaning will stop automatically.
9. **Remove Items:** Carefully open the lid. Using the basket, remove the cleaned items from the tank. Rinse them with clean water if necessary and dry thoroughly.
10. **Power Off:** Turn off the unit and unplug it from the power outlet after use.

7. MAINTENANCE

- **Draining the Tank:** After each use, especially with dirty solutions, drain the tank. Most units have a drain valve

or require careful pouring.

- **Cleaning the Tank:** Wipe the inside of the tank with a soft cloth. For stubborn residues, use a mild, non-abrasive cleaner. Rinse thoroughly with clean water.
- **Exterior Cleaning:** Clean the exterior of the unit with a damp cloth. Do not use harsh chemicals or immerse the unit.
- **Storage:** Store the unit in a clean, dry place when not in use.
- **Regular Inspection:** Periodically check the power cord for damage and ensure all connections are secure.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not power on.	No power supply; power cord loose; main switch off.	Check power outlet; ensure power cord is securely plugged in; turn on main switch.
Ultrasonic function not working.	Tank empty; insufficient liquid; ultrasonic function not activated.	Ensure tank is filled to appropriate level; press the ultrasonic start button.
Cleaning results are poor.	Incorrect cleaning solution; insufficient cleaning time; items overloaded; solution temperature too low.	Use appropriate cleaning solution; increase cleaning time; reduce item load; increase solution temperature.
Unit is leaking.	Tank damage; drain valve not closed properly.	Inspect tank for cracks; ensure drain valve is tightly closed. If damage is present, discontinue use and contact support.

9. WARRANTY AND SUPPORT

Borosil products are manufactured to high-quality standards. For specific warranty information, please refer to the warranty card included with your purchase or visit the official Borosil website. For technical support, service, or spare parts, please contact Borosil customer service. You can find more information and contact details on the [Borosil Store on Amazon](#).

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question