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> Borosil 5.0 Liter Digital Ultrasonic Cleaner Bath User Manual

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Model: 5.0 Liter Digital

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient operation, maintenance, and troubleshooting of your Borosil 5.0 Liter Digital Ultrasonic Cleaner Bath. Please read this manual thoroughly before using the appliance and retain it for future reference.

The Borosil Ultrasonic Cleaner utilizes high-frequency sound waves to create cavitation bubbles in a liquid, effectively cleaning various items by dislodging dirt and contaminants from surfaces, including intricate parts and crevices.

2. SAFETY INSTRUCTIONS

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

- Always ensure the unit is unplugged from the power outlet before filling or emptying the tank, or performing any maintenance.
- Do not immerse the main unit in water or any other liquid. The unit is not waterproof.
- Do not operate the unit with an empty tank. Always ensure the tank is filled with liquid above the minimum fill line before turning on.
- Keep the appliance out of reach of children and pets.
- Use only the provided power cord. Do not use extension cords unless absolutely necessary and ensure they are rated for the appliance's power requirements.
- Do not touch the power plug with wet hands.
- If the unit is damaged, especially the power cord or plug, do not operate it. Contact customer support for assistance.
- Ensure proper ventilation around the unit during operation.
- Avoid using flammable or corrosive cleaning solutions unless specifically designed and approved for ultrasonic cleaners.
- Do not place items directly on the bottom of the tank; always use the provided basket.

3. PACKAGE CONTENTS

Carefully unpack the box and ensure all items are present and in good condition. If any items are missing or damaged, contact Borosil customer support.

- Borosil 5.0 Liter Digital Ultrasonic Cleaner Bath Unit
- Stainless Steel Lid
- Cleaning Basket
- Power Cord
- User Manual (this document)

4. SETUP

1. **Unpacking:** Remove all packaging materials from the unit. Keep packaging for potential future transport or returns.
2. **Placement:** Place the ultrasonic cleaner on a stable, level, and dry surface. Ensure there is adequate space around the unit for ventilation. Avoid placing it near heat sources or in direct sunlight.
3. **Filling the Tank:**
 - Open the lid and pour the appropriate cleaning solution or water into the stainless steel tank.
 - Ensure the liquid level is between the "MIN" and "MAX" fill lines marked inside the tank. Do not overfill or underfill.
 - For general cleaning, tap water is often sufficient. For enhanced cleaning, use a specialized ultrasonic cleaning solution.
4. **Connecting Power:** Insert the power cord securely into the power inlet on the back of the unit, then plug the other end into a grounded electrical outlet.



Image: Setup diagram illustrating the components and proper liquid fill level.

5. OPERATING INSTRUCTIONS

5.1 Control Panel Overview

The digital control panel features a display and buttons for setting the timer and initiating the cleaning cycle.

- **Digital Display:** Shows the remaining cleaning time.
- **TIME +/- Buttons:** Adjust the cleaning duration.
- **ON/OFF Button:** Starts and stops the ultrasonic cleaning process.



Image: Digital control panel showing timer display and control buttons.

5.2 Basic Cleaning Cycle

1. **Prepare Items:** Ensure items to be cleaned are suitable for ultrasonic cleaning. Remove any loose debris.
2. **Place Items:** Place the items into the cleaning basket. Do not overload the basket. Ensure items are fully submerged in the cleaning solution but do not touch the bottom of the tank directly.
3. **Close Lid:** Place the lid on the unit to reduce noise and prevent splashing.
4. **Set Timer:** Use the "TIME +/-" buttons to select the desired cleaning duration. Typical cleaning cycles range from 3 to 10 minutes, depending on the item and level of dirt.
5. **Start Cleaning:** Press the "ON/OFF" button to begin the ultrasonic cleaning process. The digital display will count

down the remaining time.

6. **End of Cycle:** The unit will automatically stop when the timer reaches zero. You can also press the "ON/OFF" button to stop the cycle manually at any time.
7. **Remove Items:** Open the lid, carefully lift the basket out of the tank, and rinse the cleaned items under running water. Dry them thoroughly.

5.3 Draining the Tank

After cleaning, especially if the solution is dirty, the tank should be drained.

1. **Unplug Unit:** Always unplug the unit from the power outlet before draining.
2. **Drain Solution:** Carefully lift and pour the cleaning solution out of the tank, or use the drain valve if your model is equipped with one. Dispose of the solution according to local regulations.
3. **Rinse Tank:** Rinse the tank with clean water to remove any residue.

6. MAINTENANCE

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

- **Cleaning the Tank:** After each use, especially if using cleaning solutions, rinse the tank thoroughly with clean water. Wipe the interior dry with a soft cloth.
- **Exterior Cleaning:** Wipe the exterior of the unit with a soft, damp cloth. Do not use abrasive cleaners or immerse the unit in water.
- **Storage:** When not in use, ensure the unit is clean, dry, and unplugged. Store it in a cool, dry place away from direct sunlight and extreme temperatures.
- **Avoid Harsh Chemicals:** Do not use strong acids, alkalis, or highly corrosive substances in the tank, as they can damage the stainless steel.

7. TROUBLESHOOTING

If you encounter issues with your Borosil Ultrasonic Cleaner, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Unit does not power on.	Power cord not properly connected. No power from outlet.	Ensure power cord is securely plugged into the unit and the wall outlet. Test the outlet with another appliance.
No ultrasonic sound or vibration.	Tank is empty or liquid level is too low. Unit malfunction.	Fill the tank with liquid above the MIN line. Contact customer support if the issue persists after checking liquid level.
Poor cleaning results.	Incorrect cleaning solution. Insufficient cleaning time. Overloaded basket. Items not fully submerged.	Use a suitable ultrasonic cleaning solution. Increase cleaning time. Reduce the number of items in the basket. Ensure items are fully submerged.
Unusual noise or odor.	Unit malfunction.	Immediately turn off and unplug the unit. Contact customer support.

If the problem persists after attempting these solutions, please contact Borosil customer support for further assistance.

8. SPECIFICATIONS

- **Brand:** Borosil
- **Model:** 5.0 Liter Digital
- **Capacity:** 5.0 Liters
- **Control Type:** Digital with Timer
- **Item Weight:** 7 kg
- **Package Dimensions:** 31 x 24 x 16 cm
- **Manufacturer:** BOROSIL LIMITED
- **Country of Origin:** India

9. WARRANTY AND SUPPORT

Borosil products are manufactured to high-quality standards. This product comes with a standard manufacturer's warranty against defects in materials and workmanship. Please refer to the warranty card included with your purchase for specific terms and conditions, including the warranty period.

For technical support, service, or warranty claims, please contact Borosil customer service:

- **Website:** www.borosil.com
- **Customer Service Email/Phone:** Refer to the Borosil website or product packaging for the most current contact information.

Please have your product model number (5.0 Liter Digital) and purchase date available when contacting support.

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