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HANGSUN Ultrasonic Cleaner

Hangsun Ultrasonic Cleaner User Manual

Model: Ultrasonic Cleaner
Brand: HANGSUN

1. Introduction

The Hangsun Ultrasonic Cleaner is designed for effective and gentle cleaning of various oral appliances. Utilizing ultrasonic technology, it provides a thorough cleaning process that reaches areas inaccessible to manual brushing, helping to maintain hygiene and prolong the life of your dental devices.
This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your ultrasonic cleaner.

Key Features:

- **Versatile Cleaning:** Suitable for dentures, aligners, retainers, mouthguards, whitening trays, and other removable dental appliances.
- **Gentle Yet Effective:** Ultrasonic waves create microscopic bubbles that clean without causing damage to the appliance's structure.
- **Two Cleaning Modes:** Offers 5-minute and 10-minute cycles for daily cleaning and removal of heavier stains.
- **Compact Design:** Tank size of Φ3.14”x1.53” (Φ80x39 mm) accommodates regular-sized dental appliances.
- **Enhanced Cleaning:** Can be used with tap water or specialized denture cleaning tablets/solutions for improved results.



Image: Overview of the Hangsun Ultrasonic Cleaner's key features and benefits for dental appliances.

2. Safety Information

Please read all safety instructions before using the appliance to prevent injury or damage.

- Do not immerse the main unit in water or other liquids.
- Ensure the power cord and plug are not damaged. Do not operate if damaged.
- Keep out of reach of children.
- Use only tap water or recommended cleaning solutions. Do not use corrosive or flammable liquids.
- Unplug the unit before cleaning or when not in use.
- Do not disassemble or attempt to repair the unit yourself. Contact customer support for service.
- Avoid operating the unit empty (without water).

3. Product Overview

Familiarize yourself with the components of your Hangsun Ultrasonic Cleaner.

- **Main Unit:** The body of the cleaner containing the ultrasonic transducer.
- **Lid:** Covers the cleaning tank, often containing LED lights for enhanced cleaning.
- **Stainless Steel Tank:** The reservoir where water and dental appliances are placed for cleaning.
- **Control Button:** Used to power on/off and select cleaning modes.
- **Power Port:** For connecting the power adapter.
- **Anti-Slip Base:** Ensures stability during operation.



Image: Dimensions and internal components of the Hangsun Ultrasonic Cleaner.

4. Setup

1. **Unpack:** Carefully remove the ultrasonic cleaner and all accessories from the packaging.

2. **Inspect:** Check the unit for any signs of damage. If damaged, do not use and contact customer support.
3. **Placement:** Place the cleaner on a flat, stable, and dry surface, away from heat sources and direct sunlight. Ensure there is adequate ventilation.
4. **Connect Power:** Plug the power adapter into the cleaner's power port, then plug the adapter into a suitable electrical outlet.

5. Operating Instructions

Follow these steps for effective cleaning of your oral appliances.

General Cleaning Steps:

1. **Add Water and Solution:** Open the lid and fill the stainless steel tank with tap water. For enhanced cleaning, you may add a recommended denture cleaning tablet or solution according to its instructions. Do not exceed the MAX fill line.
2. **Place Appliance:** Carefully place your dental appliance(s) into the water in the tank. Ensure the appliance is fully submerged. Close the lid.
3. **Select Cleaning Mode:**
    - **Mode 1 (Daily Clean - 5 minutes):** Press the control button once. The unit will start a 5-minute ultrasonic cleaning cycle with LED light.
    - **Mode 2 (Heavy Stains - 10 minutes):** Press the control button twice. The unit will start a 5-minute pulse cleaning with LED light, followed by 5 minutes of ultrasonic cleaning with LED light, for a total of 10 minutes.
4. **Cleaning Process:** The unit will operate for the selected duration and automatically shut off when the cycle is complete.
5. **Remove Appliance:** Once the cycle is finished, open the lid, carefully remove your clean dental appliance, and rinse it thoroughly under running water.
6. **Empty and Rinse Tank:** Discard the used water from the tank and rinse the tank with clean water. Wipe dry.

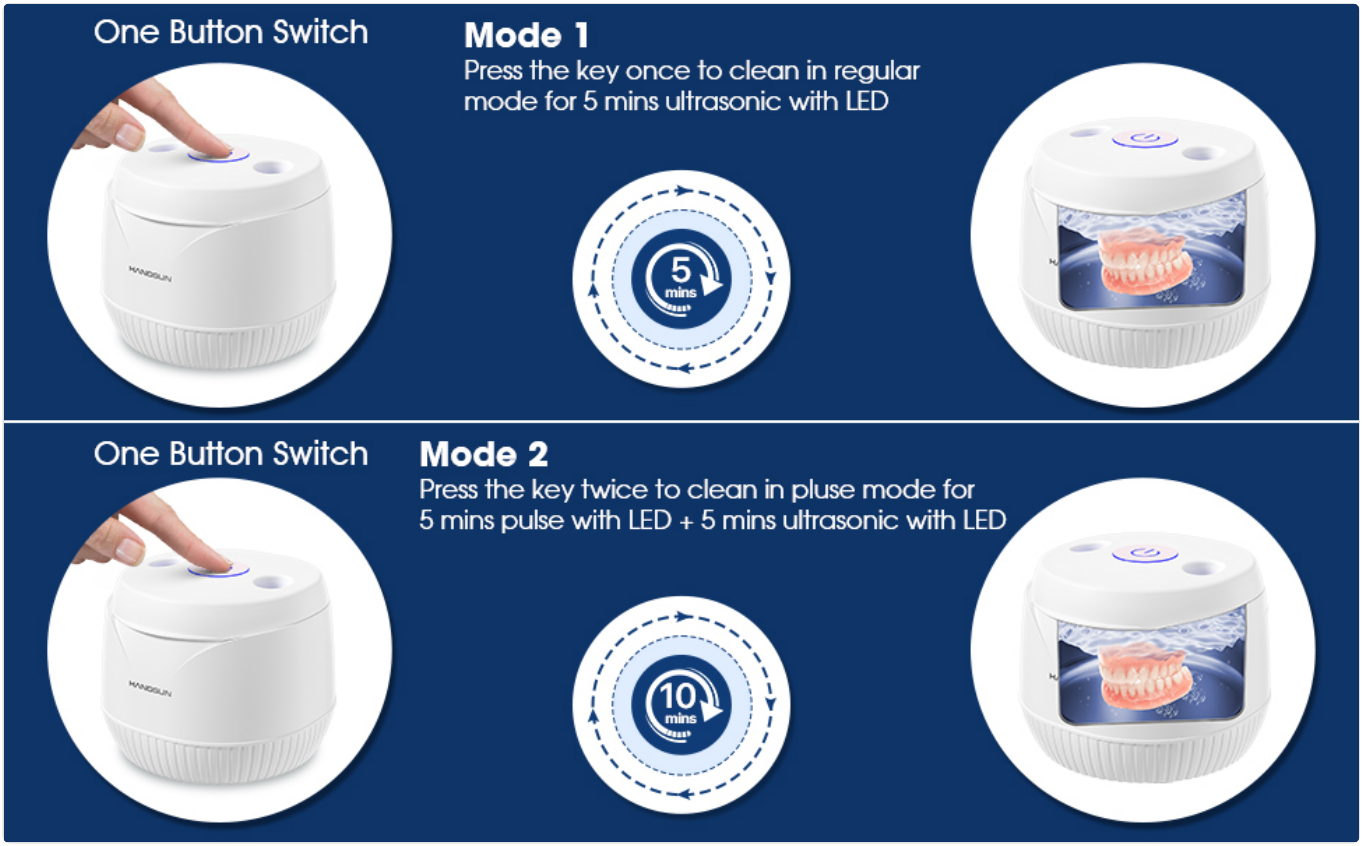


Image: Simplified 4-step cleaning process.



Image: Detailed explanation of the two cleaning modes.

6. Maintenance

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

- **Daily Cleaning:** After each use, empty the water from the tank and rinse it with clean tap water. Wipe the tank and the exterior of the unit with a soft, damp cloth.
- **Avoid Abrasives:** Do not use abrasive cleaners or harsh chemicals, as these can damage the unit's surface or internal components.
- **Drying:** Ensure the unit is completely dry before storing it. Leave the lid slightly ajar to allow air circulation and prevent moisture buildup.
- **Storage:** Store the cleaner in a cool, dry place, away from direct sunlight and extreme temperatures.

7. Troubleshooting

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

Problem	Possible Cause	Solution
Unit does not turn on.	No power, loose connection, or unit malfunction.	Check if the power adapter is securely plugged into both the unit and the wall outlet. Try a different outlet. If the issue persists, contact customer support.
Cleaning is not effective.	Insufficient water, incorrect cleaning mode, or heavily soiled appliance.	Ensure the appliance is fully submerged. Use the 10-minute mode for heavier stains. Consider adding a denture cleaning tablet/solution. Pre-rinse heavily soiled items.
Unit stops during operation.	Cycle completed, or potential overheating.	The unit automatically shuts off after the selected cycle. If it stops prematurely, unplug it and let it cool down for 10-15 minutes before attempting to restart. If the problem continues, contact customer support.

8. Specifications

- **Model:** Ultrasonic Cleaner
- **Brand:** HANGSUN
- **Tank Capacity:** 200ml
- **Tank Dimensions:** Φ3.14” (diameter) x 1.53” (depth) (Φ80x39 mm)
- **Cleaning Frequency:** 42000Hz (Ultrasonic)
- **Cleaning Modes:** 5 minutes (Ultrasonic + LED), 10 minutes (Pulse + LED, then Ultrasonic + LED)
- **Power Source:** AC Adapter (specific voltage/current not provided, assume standard for small appliances)
- **Package Dimensions:** 5.75 x 5.12 x 5.12 inches
- **Weight:** 1.12 Pounds
- **ASIN:** B0C4TT9K64

9. Warranty and Support

The Hangsun Ultrasonic Cleaner typically comes with a**one-year limited warranty** from the date of purchase, covering defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.
For warranty service, technical support, or any questions regarding your product, please contact HANGSUN customer support through their official website or the retailer where the product was purchased. Provide your product model and

purchase details when contacting support.

Note: Warranty terms may vary by region and retailer. Please refer to the specific warranty information provided with your product at the time of purchase.

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