

hygea® 6427 Daily Operation

1. Filling the Ultrasonic Cleaner

Fill the **hygea 6427** with cold water from the tap. Ensure the drain valve is closed before filling. The water needs to reach the level sensor (a small screw attached to the inside of the tank) located in the front right hand corner.

Ensure the basket and nothing else is in direct contact with the level sensor.

2. Adding detergent

Add the correct amount of detergent (refer to manufacturer's technical data sheet), if not enough detergent is added, the level sensor may not trigger if there is not enough conductivity in the water. This will display a "Fluid Level Low".

3. Powering up the Ultrasonic Cleaner

Ensure the mains plug is in the power socket and switched on. Turn the machine on via the switch located on the rear of the machine, left hand side.

Once the machine is turned on, it will prompt you on the LCD display to close the lid. Close the lid as prompted, the ultrasonics and heat will operate in order to heat the water to the minimum set temperature (20°C).

Once the water has reached this temperature, the lid can now be opened, the ultrasonics will stop. The heaters will remain switched on in order to get the water to the set temperature (25°C).

4. Degassing the water

It is recommended that one cycle is run before processing instruments, as this will ensure the water is degassed, and the ultrasonics perform more effectively.

5. Connecting instruments

The machine is now ready for use. Connect the instruments to the manifold using the accessory kit supplied. **Important note:** when not processing hollow instruments, ensure that at least one luerlok connector is fitted to each manifold. This will protect the pump from damage.

6. Running a cleaning cycle

Once the instruments are in place, close the lid. To run a cycle:

- Press the Enter/Accept button
- Select the operator (if no operators programmed in, simply choose OP01), by pressing the Enter/Accept button
- Press the Enter/Start button to begin the cycle

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- If detergent has been added, at the prompt press the Enter/Start button to begin the cycle
- The pre-set cycle time is 15 minutes. The countdown will operate in 3 sections of 5 minutes. During the 1st, 6th and 11th minutes, the pump will operate to irrigate the instruments
- Do not open the lid open whilst in a cycle, doing so will abort the cycle
- Upon completion of the 15 minute cycle, an audible alarm will sound and the screen will display “Cycle complete, recording data”. It will then ask if you want another record. Press ESC to say no
- Remove the cleaned instruments and rinse with clean running water prior to the next stage in the decontamination process.
- The machine is now ready to use again.

7. Aborting a cycle

To abort the cycle at point during the cleaning cycle, press the Enter/Abort cycle button.

8. Regular solution replenishment

The tank should be drained, and replenished with clean water and detergent at the end/start of each clinical session.

9. Repeat steps

Each time clean water and detergent is added, repeat from step 1.

Daily maintenance & cleaning activities:

- The liquid level sensor located inside the cleaning chamber should be wiped clean every day. If contamination is allowed to build up, the **hygea 6427** may give a false alarm
- All internal surfaces of the **hygea 6427** should be manually cleaned and disinfected daily
- Cleaning and disinfection processes may be regulated by the CSSD/HSDU manager or AP so check with these before attempting manual disinfection
- Check hoses for any signs of visible blockages or damage and replace as necessary.

The information provided is subject to change for continual improvements