

Automated Instrument Washer-Disinfectors
are the first step in the sterilization process



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SciCan

HYDRIM[®] M2 G4

Product Advice Sheet

Recommended protocol for decommissioning
unit during prolonged periods of inactivity.

COLTENE

Like any working device, your Hydrim washer disinfecter, once commissioned, is designed to operate on a regular basis to provide reliable service. If, like any active device, it is out of use for any prolonged length of time and inactive (e.g. for > 2 weeks) it is important to ensure the device is drained and cleaned to remove the possibility of crystallisation of the detergent solution and reduce the risk of microbial growth in the unit due to retained water in the pipework.

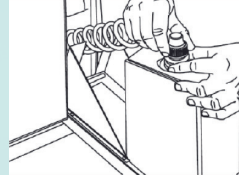
SciCan therefore recommend that if your Hydrim unit is not going to be used for a prolonged period, the following decommissioning protocol is undertaken to ensure the unit is preserved and will provide reliable service when time comes for recommissioning.

The main areas that demand attention are the Dosing system and the Airgap and pipework system.

Prior to actioning the protocol, remove any instruments, instrument baskets, racking or containers from the unit, but retain the load support systems (trolleys and LCS fittings).

ACTIONING THE PROTOCOL

- ▶ Disconnect the solution connector from the chemical container and remove the chemical container from the unit.



- ▶ Remove the clamp holding the black connector (using pliers or flat head screwdriver) to the clear tube, pull out the black connector from the tube.

- ▶ Immerse the connector in warm water to dissolve any residual chemical.

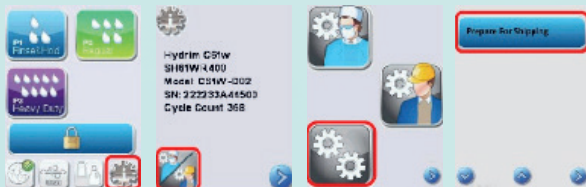


⚠ IMPORTANT NOTE

During the following 'prepare for shipping' cycles, you will need a container which will hold AT LEAST 200ml to catch as much as possible of the liquids that will be pumped into the chamber from the solution outlet on the right hand side of the chamber.

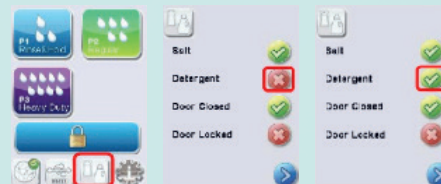
It is accepted that SOME will leak past the container and down the chamber wall, but the idea here is to minimise the amount in the chamber after the cycle. Any leaked liquids may be wiped off the chamber wall using a disposable lint free wipe.

- ▶ With the main door open, run the 'prepare for shipping' cycle until the cycle times out (approximately 3 minutes). To activate the shipping cycle, proceed as follows. This will purge the solution



- ▶ On completion of the prepare for shipping cycle, return to the main menu and select the detergent/salt icon. The next screen will show a red cross opposite to the word 'Detergent', click on this icon to open the detergent system refill solenoid valve.
- ▶ Fill up a syringe (without needle) with warm water and insert it in the now open end of the solution delivery tube. Inject the water into the tube.

- ▶ Continue to inject water into the tube until the red cross changes to a green check mark (tick). (This may take several fills depending on the size of the syringe.)



- ▶ Run the 'prepare for shipping' cycle once again (do not forget to catch fluid exiting into the chamber) until the cycle times out (approximately 3 minutes). This is to purge any water that is now in the dosing system through the dosing pump to the chamber to clean out residual detergent. This is an important step and is undertaken to ensure that when the unit is idle, there is no residual detergent in the system which may crystallise and prevent the components from operating correctly when the unit is re-commissioned.
- ▶ Repeat the detergent priming (red cross – syringe with warm water - green tick) because the unit will not run without liquid in the dosing reservoir.
- ▶ The syringe can now be removed, and the connector can be refitted to the tube. If the black clip cannot be reused, a sturdy cable tie (tie wrap) may be used in its place but MUST be tight. The tubing can be returned to the inside of the solution storage area and the solution door closed.

Note, a small quantity of solution will still remain as a coating on the chamber and due to its viscosity will coat the chamber from the solution outlet to the sump.

The following step should be undertaken in an effort to ensure that when the unit is recommissioned the process will not fail in the pre-wash phase due to excess foaming of the purged solution.

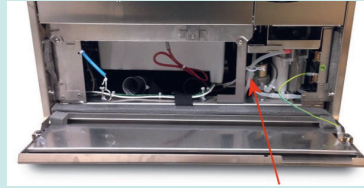
- ▶ Open the door and pour 4 litres of warm water into the chamber. Tip - Pouring it down the side of the chamber where the solution has entered the chamber is recommended.
- ▶ Close the door and activate the P1 (Rinse and Hold) cycle. Note that no solution is required for this cycle so the unit should not fault or empty the dosing reservoir.▶ On completion of the cycle, open the unit main door.



- ▶ On completion of the cycle, open the unit main door. Note that there may be some residual water remaining on the surfaces of the chamber. We recommended that this is removed to prevent/delay the build-up of any biofilm if the unit is inactive for a prolonged period. This should only be undertaken using a clean, dry, lint free cloth.

- ▶ Open the kick plate on the front of the unit and remove the stoppers on the manual draining tubes (airgap and dosing reservoirs) and drain any liquid still left in each system. Replace stoppers.

The airgap and dosing reservoir drain tubes for the M2 are located behind the kick plate on the front right-hand side of the unit. Release the tubes from the retaining clip to access the stoppers.



On completion of the protocol, turn off the power and water connections to the unit.

We recommend that the door to the unit is left ajar to allow natural ventilation of the chamber.