



POST COVID-19 START UP CHECKLIST

We are committed to getting you back up and running, safely and efficiently.

Please follow this guide to ensure that your Hydro dispensers are ready to use when your business needs them.

RECOMMENDATIONS FOR DOSITEC DISPENSERS



It is important to understand the dispenser's history and how long it has been since it last operated and since it last was serviced



Examine the alarm logs and dosage history to understand any challenges that might have been previously present



Check and ensure that the flowmeter is mechanically and electrically sound



Visibly inspect the system for damage, leaks, or any obstructions in the flow path



Check and calibrate the water supply and ensure flushing is working correctly



Inspect and clean the air supply system



Calibrate each product as needed



Inspect and clean the chemical supply lines as needed



Use the manual dosing procedure to ensure chemical delivery is working as intended



PLEASE NOTE: Take caution to not allow incompatible chemicals to mix together
Ensure dispenser has been fully reconnected and recalibrated before use
Please refer to product manual for extra guidance on specific tasks



If unsure of any of these processes at any time, please contact Hydro Systems for further information

Full Instruction For Inspecting Your Dositec Unit

1. Check the alarm listing and last dosages at the touchscreen, within the web-based UI (PCB-Controlled Units), or via Hydro Connect.

Water and Product Flowmeter alarms will provide good information concerning the status of the flowmeter, indicating and identifying any possible obstructions or challenges with the calibrations.

Monitoring the Last Dosages display will inform about how the products are being measured. Taking careful note of the time it takes to complete dosages will indicate product flow rates.

2. Visibly look over the system. Check for leaks and dry chemical build-up.

- Check for chemical build-up around any transition from tubing to hard plastic fitting, such as the inlets/outlets of pneumatic valves.
- Check the pump for signs of leaking or chemical build-up.
- Using a flashlight inspect the clear tubing to determine if any debris or build up is internal.

3. Check and Clean the Air Flush (Tunnels and Optional on Washer Extractor Systems)

Perform a manual “Purge” of the Air Solenoid confirming there is good and constant air pressure. Make sure there is no fluid or obstructions in the solenoid. Dismount the Air Flush Solenoid and also the Air Injection Housing to make sure there are no obstructions in the inlets or outlets. Replace components as needed.

4. Cleaning and Inspection of Chemical Suction Tubing

The following steps should be performed one chemical at a time.

If the chemical input lines are hard plumbed or not convenient for the following flush out procedure skip to Step 2 to inspect the lines and chemical input barbs for leaks and debris.

- Use the calibration vase to perform this procedure. Open the drain valve making sure the drain tube is routed to an open drain. If using a container to catch the residual chemical and flush water, it should be emptied and rinsed between each chemical flush.
- Prepare a container of fresh water (warm water if available) sufficient to flush the number of chemical lines you will be cleaning.
- Remove the suction wand, lance, or tubing from the chemical container and place it into the container of fresh water.
- Using the PRIME feature of the dispenser, activate the pump until you see clear water being discharged into the drain at the end of the discharge tubing.
- Follow up with the mandatory post flush.
- If you have a foot valve or strainer on the inlet of the chemical suction line, inspect it for proper operation and clean or replace if necessary.
- After flushing and inspecting all chemical lines replace the tubes into the appropriate chemical container.
- Use the PRIME feature to fill pickup lines with chemical.

5. Open each flowmeter to inspect for build-up and make sure the paddles freely rotate.

- The paddles need to rotate freely.
- The flowmeter should not have excessive amount of hard water or chemical deposits on the paddles.
- If the paddle does not spin freely or deposits exist soak the assembly in an acid bath for approximately 10 minutes. This will dissolve and loosen the deposits to aid in cleaning the paddle.
- Replace paddle if damage is present.

6. Calibrate Water to the Calibration Vase to make sure the flow meters are responding properly, and water supply is sufficient.

- Follow the CALIBRATION procedure to access and perform this process.
- Flowmeter should respond and register pulses on the calibration screen.
- Input new flow rate.

7. Calibrate each chemical to the Calibration Vase to make sure the flow meters are responding properly.

- Follow the CALIBRATION procedure to access and perform this operation.
- Flowmeter should respond and register pulses on the calibration screen.
- Input new flow rate for each chemical.

8. Calibrate water to each washer to make sure the distributor valves are opening. Do not input the dosed amount.

- This step is used to verify that all the distributor valves are opening properly.
- Follow line to washer to check for tubing integrity. Leaks and blockage that could compromise the safety and performance of the system.

9. Send a manual dosage of the least hazardous product to one washer or module.

- This is the final step to determine the overall health of the system.
- Follow the MANUAL DOSE procedure to access and perform this operation.
- Select Softener or Detergent (least hazardous) to manually dose to a washer.
- This operation will check all aspects of the system.
- Any issues with water or chemical will alarm during this step. If any issues occur recheck the system and attempt another manual dose.

Replacement Parts

Should you need to replace any part of the dispenser, please contact your local Hydro Systems representative for the relevant part numbers and to place an order.



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