

Sterilox Dental Applications Continued

Hospital-Grade Hard Surface Disinfection

The Sterilox Solution is a hospital-grade hard surface disinfectant. Pour full-strength Sterilox Disinfectant Solution into a spray bottle. Apply the disinfectant label provided in the Starter Kit to the exterior of a spray bottle and ensure all staff are properly trained.

1. For heavily soiled surfaces, a pre-cleaning step is required.
2. Hold the plastic spray bottle 6-8 inches from the surface to be treated and spray until thoroughly wetted.
3. Allow the surface to remain wet for 5 minutes.
4. Wipe the surface with a clean cloth, sponge, or paper towel.

Endodontic Cleanser

Follow the detailed instructions in the Sterilox Dental User Manual to utilize Sterilox Solution as an endodontic cleanser following root canal procedures before sealing and obturation.

Troubleshooting

You are missing a part, or the Sterilox Dental Generator is broken.	Call PuriCore Customer Service.
The unit fails to power on, which means that none of the lights are illuminated on the Reservoir Status Panel.	Check the fuses. If the fuses are okay, call PuriCore Customer Service.
You are out of Sterilox Electrolyte Solution.	Call PuriCore Customer Service to order.
The Sterilox Solution or the Waste Product has spilled in the well(s).	Dry the well(s) with absorbent paper towel. Ensure the containers are installed as described in the User Manual. Empty the waste container regularly. If the Sterilox Generator continues to leak, ensure that the waste extension sleeve is placed properly over the spout.
When starting with an empty waste container, the waste container overflows with waste product on a single 500 ml dispense.	Discontinue use immediately and call PuriCore Customer Service.
The Sterilox Solution has a very strong chlorine odor.	Test the Sterilox Solution as described in the User Manual. If the AFC level is not within the recommended range, call PuriCore Customer Service.
The Sterilox Generator fails to operate.	Turn the Generator off and back on. If the problem continues, call PuriCore Customer Service.



Quick Start Guide

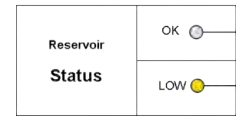
Initial Set-Up

Read the Sterilox Dental User Manual before using this system.

1. Unpack: Discard any packing material including any REMOVE BEFORE USE labels and underlying packaging material. Do not apply power to the Sterilox Dental Generator until all packing materials are removed. Remove any rubber caps covering the spouts on the dispense well (top) and the waste well (bottom).

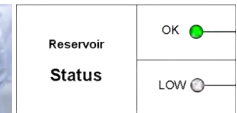
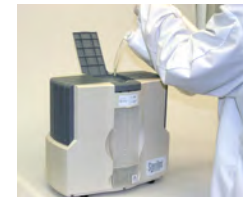
2. Replace the uptake tubes: IMPORTANT: The uptake tubes inside the dental unit water bottles must be of medical-grade silicone or neoprene. If necessary, replace these uptake tubes inside the dental unit water bottles with the uptake tubes provided in the Sterilox Starter Kit.

3. Power on the Generator: Connect the power cord to the back of the Sterilox Dental Generator and plug the other end into an AC power outlet with a grounded receptacle. Press the **ON/OFF switch** on the rear switch to the On position. Ensure that the yellow **LOW** light on the Reservoir Status Panel is illuminated.



4. Install the containers: Insert the dispense container in the top well of the Sterilox Dental Generator. Ensure that the waste extension sleeve (1/2-inch clear Teflon tube) is placed over the waste spout. Insert the waste container in the bottom well.

5. Fill: Lift the fill lid on the top of the Sterilox Dental Generator. Carefully and slowly pour an entire bottle of the Sterilox Electrolyte Solution into the funnel. The green **OK** light on the Reservoir Status Panel will illuminate. Use caution when pouring the Sterilox Electrolyte Solution to avoid spills.



6. Prime: Hold down the Dispense Button and dispense 200 ml of Sterilox Solution into the dispense container. Discard this initial priming solution and waste product down a sink drain. Wait 10 minutes before using the Generator again.



Operating Procedures

Generate Sterilox Solution

Press and continue to hold down the gray dispense button to generate Sterilox Solution. Release the dispense button to stop the generation of Sterilox Solution. Never generate less than 250 ml of the Sterilox Solution to ensure that it is within specification. Use the Sterilox Solution as directed on the following page. Generate additional Sterilox Solution as required, emptying the waste container when necessary.



Ensure an Adequate Electrolyte Level

If the Sterilox Electrolyte Solution level runs low, the Generator will cease generation of Sterilox Solution, and the yellow **LOW** light on the Reservoir Status will be illuminated. Replenish the electrolyte, ensure that the green **OK** light on the Reservoir Status is illuminated, and press and continue to hold the gray Dispense Button complete the generation of Sterilox Solution

Test the Sterilox Solution

Available Free Chlorine (AFC) Concentration: To test the Sterilox Solution for proper concentration, use one of the two following methods.

- **Free Chlorine Check Test Strips.** When using the test strips, follow the “Directions for Use” provided, which depict the acceptable color range.
- **Palintest 1000 Chlorometer-Duo Meter.** When using the meter, follow the operating procedure provided with the instrument.

The recommended concentration range is 180-260 ppm AFC. Contact PuriCore Customer Service if your Sterilox Solution is out of specification.

Applications

Disinfect Dental Unit Water Lines

Purging

This step is a mandatory initial purge of the dental unit water lines and if line has been inactive for 1 month or more.

1. Ensure that all hand pieces, electric motors, air/water tips, and couplings are removed.
2. Empty the dental unit water bottle and empty or air dry the lines.
3. Fill the water bottle with the Sterilox Solution.
4. Flush each dental unit water line with approximately 250 ml of Sterilox Solution. *Leave a small amount of Sterilox Solution in the bottle. Do not allow the lines to run dry.*
5. **Keep the Sterilox Solution in the lines for four hours.**
6. After four hours, air-purge the dental unit water lines until all Sterilox Solution is removed.
7. Refill the dental unit water bottle with Sterilox Solution.
8. Attach the bottle and run a minimum of 250 ml of Sterilox Solution through each of the individual water lines.
9. Air-purge the unit water lines until the Sterilox Solution is removed.
10. Fill the dental unit water bottle with diluted Sterilox Solution for Daily Maintenance (see below) and flush each line with a minimum of 200 ml.

Daily Maintenance

Use a 2% by volume diluted Sterilox Solution for Daily Maintenance every time you refill your dental unit water bottle to keep the water lines free of biofilms buildup. Fill the water bottle with a small volume of Sterilox Solution diluted with water based on the bottle capacity according to the table below.

Water Bottle Capacity	Add Water to Bottle	Add Sterilox Solution
750 ml	735 ml	15 ml
1000 ml	980 ml	20 ml
1500 ml	1470 ml	30 ml
200 ml	1960 ml	40 ml