

Delivery System Preventative Maintenance

Daily Maintenance

Purging with air: At the end of every day, the lines should be purged with air to prevent the growth of biofilm.

1. Remove handpieces from tubing.
2. Empty the water bottle, then reinstall it (if water bottle is applicable, when using city water, turn off water from the source).
3. Hold the handpiece tubing and syringe over a reservoir. Turn the unit on, wait a few moments and then operate the flush toggle (if applicable), syringe and foot control until water is purged from the system.
4. Turn unit off.

Monthly Maintenance

The monthly cleaning procedure should be performed at the start of the week before treating patients. If the unit is stored for any length of time, perform the monthly maintenance routine immediately before and after storage.

1. Purge the unit with air (see Daily Maintenance).
2. Flush the system with disinfectant solution:
 - a. Turn unit off. Empty the water bottle (if water bottle is applicable), replacing the water with cleaning solution (see Disinfectant Solution).
 - b. Remove handpieces from tubing and hold the handpiece tubing and syringe over a reservoir. Turn unit on, wait a few moments and then operate the flush toggle (if applicable), syringe and foot control until a continuous stream of solution is running through the system.
3. Allow the disinfectant to remain in the unit for at least 10 minutes and then flush the system again until all the solution is used up.
4. Purge the unit with air:
 - a. Hold the handpiece tubing and syringe over a reservoir. Turn the unit on, wait a few moments and then operate the flush toggle (if applicable), syringe and foot control until all solution is purged from the system.
 - b. Turn unit off. (If the unit is to be stored, stop here.)
5. Fill with clean water:
 - a. With the unit turned off, remove the empty disinfectant bottle (if applicable). Replace with clean bottle and water.
 - b. Hold Remove handpieces from tubing and hold the handpiece tubing and syringe over a reservoir. Turn unit on, wait a few moments and then operate the flush toggle (if applicable), syringe and foot control until a continuous stream of solution is running through the system.

Disinfectant Solution: Use 100 ml (9 parts tap water & 1 part 5.25% Sodium hypochlorite (chlorine

bleach) of disinfectant solution for each application per month. Always use a fresh mixture every month.

Annual Maintenance

In addition to the monthly maintenance protocol, once a year, it is recommended that the Regulator air and water filters are changed in the junction box, or wherever your utilities are connected.

1. Gain access to the regulators and turn both the water and air valves off.
2. Using a flat head screwdriver unscrew the filter housing from the regulator body.
3. Unscrew the thumb screw securing the filter. NOTE: the filter has a beveled side and a non-beveled side.
4. Remove the old filter and replace it with a new filter (P/N 5-020-1008) with the beveled side facing the regulator body.
5. Reinstall the thumb screw and filter housing.
6. Turn on the water and air valves and purge the system.