

**Henry Schein ProRepair Cavitron Step By Step Maintenance Guide:**

**IMPORTANT NOTE:** Turn OFF water supply to Cavitron system or disconnect water quick disconnect from the water supply when not in use.

**Daily Maintenance:**

START-UP PROCEDURES AT THE  
BEGINNING OF THE DAY:

1. Open the manual shut-off valve on the dental office water supply system.
2. Install a sterilized handpiece onto the handpiece cable.
3. Set the Power Level Control to minimum and the Lavage Control to maximum.
4. Turn the system ON.
5. Hold the sterilized handpiece (without insert installed) over a sink or drain.
6. After completing the purge cycle, place a sterilized Ultrasonic Insert into the handpiece and set the Power Level Control and Lavage Control to your preferred operating position for ultrasonic scaling.

**BETWEEN PATIENTS:**

1. Remove the used Ultrasonic Insert. Clean and sterilize following the Infection Control Procedures that were enclosed with your insert.
2. Hold the handpiece over a sink or drain and activate Purge function as described in Step 10 of the Start-Up procedure.
3. After the purge cycle is complete, turn the System to the OFF (0) position.
4. Remove the handpiece, clean, and sterilize
5. Disinfect the surfaces of the cabinet, Power Cord, Handpiece Cable, Water Supply and Air Supply Lines. DO NOT SPRAY DISINFECTANT SOLUTION DIRECTLY ON SYSTEM SURFACES.
6. Inspect the handpiece cable for any breaks or tears.
7. OPTIONAL: If using a closed water supply or DualSelect Dispensing System, check for adequate fluid volumes for the next

patient.

8. When ready to use, place a sterilized Handpiece onto the handpiece cable assembly and insert a sterilized ultrasonic insert into the handpiece and adjust system controls as preferred.

#### SHUT-DOWN PROCEDURES AT THE END OF THE DAY:

Follow the “Between Patients” maintenance procedures, Steps 1 through 6. In addition, it is recommended to close the manual shut-off valve on the dental water supply system.

***\*NOTE: Broad spectrum hospital grade water-based disinfection solutions are preferred, such as Lysol IC. Some alcohol-based disinfectant solutions may be harmful and may discolor plastic materials.***

#### **Weekly Maintenance**

It is strongly recommended that this system be disinfected by chemically flushing the waterlines with a 1:10 Sodium Hypochlorite solution (NaOCl) at the end of each week. This can be accomplished by connecting this device to the Cavitron DualSelect Dispensing System or a number of other devices available from your local distributors. Where this device is connected to the Cavitron DualSelect Dispensing System, please follow the DualSelect system’s Directions for Use manual. If connected to another device, please follow those directions for use, keeping in mind that a chemical flush should be performed at maximum water flow for at least 30 seconds. The system should be left undisturbed for 10 minutes but no more than 30 minutes to allow the sodium hypochlorite solution to soak in the lines. As a suggestion, it is recommended that a sign be placed on the system stating that the SYSTEM IS BEING DISINFECTED WITH A STRONG DISINFECTANT AND SHOULD NOT BE USED. When ready, flush system with clean water for at least 30 seconds or until sodium hypochlorite odor disappears. ALL CHEMICALS MUST BE FLUSHED FROM THE SYSTEM BEFORE IT IS READY FOR PATIENT USE.

#### **Monthly Maintenance**

##### **WATER LINE FILTER MAINTENANCE:**

When the water line filter becomes discolored, the filter should be replaced to prevent reduced water flow to the Cavitron Plus system.

1. Verify that the system is turned OFF.
2. Disconnect the water supply hose from the dental office water supply. If a quick disconnect connector is attached to the end of the hose, relieve the water

pressure by pressing the tip of the connector in an appropriate container and drain the water.

3. Grasp the fittings on either side of the filter disk and twist counterclockwise. Remove the filter section from either side of the water hose.

4. Install the replacement filter onto the water hose fittings. The filter should be positioned to match up with the correct hose fitting.

5. Hand tighten one hose fitting onto filter in a clockwise direction. Tighten second hose onto filter in clockwise direction. Reconnect the water supply line, operate unit to bleed the air and test for leaks.