

Cavitron® Ultrasonic Insert

Manual Reprocessing Steps

This reference, provided by Dentsply Sirona, is meant as a guide and is not intended as a replacement for following the Instructions for Use or IFU for any products shown. Refer to the Cavitron® ultrasonic inserts IFU for complete insert reprocessing procedures.

Utilizing automated equipment, like an ultrasonic bath or an instrument washer to clean and/or disinfect your Cavitron® ultrasonic inserts will increase the efficiency of the cleaning process and reduce risks of handling contaminated instruments. However, if an automated method is not available, follow these steps to manually clean Cavitron® ultrasonic inserts.

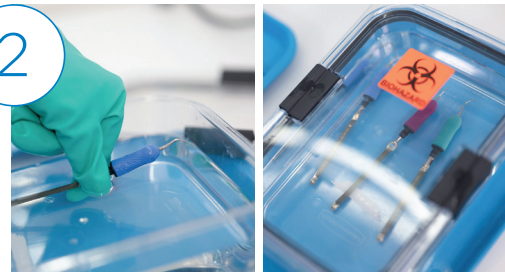


1

Begin by preparing a pH neutral enzymatic instrument cleaning solution, following the manufacturer's concentration rates.



Dentsply Sirona recommends using Resurge® Instrument Cleaning Solution because it is pH neutral and has been tested with Cavitron® inserts.



2

Ensure the Cavitron® inserts stay completely immersed in the pH neutral cleaning solution according to the manufacturer's recommended contact time.

If using Resurge® Instrument Cleaning Solution, the minimum contact time is **2 minutes**.



3

Removing all cleaning solution from the Cavitron® inserts prior to drying is an important step. To accomplish this, simply rinse the inserts under potable running water for at least **30 seconds**.



4

This is a great time to inspect your inserts for any remaining visible debris, insert wear, or damage.

If debris is still visible, repeat the cleaning procedure that is noted in the Cavitron® insert IFU.



Once the inserts are cleaned, they must be thoroughly dried prior to packaging.



If Cavatron® inserts are packaged and placed in a sterilizer before they are completely dry, staining, corrosion or even clogging of the insert may occur.



After inserts are **thoroughly dry**, place the inserts into an appropriately sized paper/plastic sterilization pouch.



Your Cavatron® ultrasonic inserts are now ready for sterilization! Make sure to read and follow Cavatron® ultrasonic inserts IFU for the appropriate sterilizers, time, and temperatures that can be used with your inserts (see chart 1).

Always follow the manufacturer's instructions for use for the sterilizer being used and to determine proper placement of sterilization pouches: paper side up or paper side down.

CHART 1

Steam Sterilization Cycles

*Dynamic Air Removal
Gravity Displacement

Sterilizing Temperature

270° F / 132° C
270° F / 132° C

Sterilizing Cycle Time

3 Minutes
10 Minutes

* The steam sterilization parameters specified are for Dynamic Air Removal steam sterilizers (pre-vacuum and steam flush pressure pulse).



Allow the dry cycle to finish before removing the Cavatron® inserts from the sterilizer.

If the insert packaging is still wet, when removing them from the sterilizer, allow it to dry completely before storing.



Cavatron® inserts should remain bagged until ready for use and stored in a dry closed or covered cabinet.

If a sterile package becomes compromised, repeat the process to clean, dry, package, and sterilize the inserts again.