

Cavitron®

**Cavitron Systems, Sterilizable Handpieces and
Reservoir Bottles**

INFECTION CONTROL PROCEDURES

The objective of the information provided in this booklet is to supplement published general guidelines for reducing the potential for cross contamination when using a Cavitron® Ultrasonic Scaling and/or Air Polishing Systems, Dispensing System, Cavitron sterilizable handpieces or reservoir bottles during routine dental care. In the event any regulatory agency disagrees with this information, the agency requirements take precedence.

For Infection Control Procedures relating to Cavitron ultrasonic inserts or air-polishing nozzles and inserts, refer to the procedures provided with each instrument.

INFECTION CONTROL PROCEDURES Cavitron Systems

WARNINGS:

- Cavitron system cabinets, power cords, non-sterilizable handpieces, handpiece cables, foot controls, foot control cables, and Sterile Lavage Kit infuser bag are not sterilizable but can be disinfected following the procedures and recommendations listed below.
- Use water based non-immersion type disinfectant solutions. Alcohol based disinfectant solutions may be harmful and may discolor plastic material.

LIMITATIONS ON PROCESSING:

- Do not spray disinfectant solutions directly on system surfaces.
- Do not use disinfectant solution on sterilizable handpieces. Refer to sterilization procedures for sterilizable handpieces.

INFECTION CONTROL PROCEDURES

Cavitron Systems

INSTRUCTIONS:

Point of Use:

Remove excess soil with disposable cloth or paper. Discard cloth after use.

Containment and Transportation:

Handle with care.

Cleaning: manual

Generously spray disinfectant solution on a clean cloth. Wipe the outer surfaces of the cabinet, power cords, non-sterilizable handpieces, handpiece cables, air and water lines, foot control, foot control cables, and infuser bag. Discard used cloth. Wipe dry with a clean cloth.

Disinfection:

Generously spray disinfectant solution on a clean cloth. Wipe the outer surfaces of the cabinet, power cords, non-sterilizable handpieces, handpiece cables, air and water lines, foot control, foot control cables, and infuser bag. Discard used cloth. Allow disinfectant to air dry.

Drying:

When cleaning, wipe surfaces dry with a clean cloth. To achieve disinfection, allow surfaces to air dry.

INFECTION CONTROL PROCEDURES Cavitron Systems

Maintenance, inspection and testing:

- Visually inspect to ensure all contamination is removed.
- Visually inspect all cables and power cord for tears.
- Visually inspect handpiece cable o-rings for wear. Replace worn o-rings (refer to applicable Directions for Use of system). Lubricate o-rings with water before use.

Storage:

Do not place on or next to a radiator or other heat source. System is portable but must be handled with care.

INFECTION CONTROL PROCEDURES

Steri-Mate, Steri-Mate 360 & Jet-Mate Handpieces, Handpiece Adapters, and Reservoir Bottles

WARNINGS:

- Instruments are not sterile upon receipt and must be sterilized prior to use in accordance with the following instructions.
- The colorant used in the Steri-Mate Handpiece Soft Grips may bleed during autoclaving. This will not affect performance.
- Do not disinfect or autoclave the Steri-Mate Handpiece or Steri-Mate Handpiece Adapter while assembled.

INFECTION CONTROL PROCEDURES

Steri-Mate, Steri-Mate 360 & Jet-Mate Handpieces, Handpiece Adapters, and Reservoir Bottles

LIMITATIONS ON PROCESSING:

- Repeated cleaning and sterilization cycles have minimum effect on these instruments. End of life is normally determined by wear and damage due to use.
- Do not use chemical disinfectants prior to sterilization or rapid deterioration of the material may occur.
- Reservoir bottle storage caps are not steam autoclave sterilizable.
- Automated washer-disinfectors, Cold liquid disinfection/sterilization, chemical vapor sterilization, and dry heat sterilization methods have not been tested or validated for efficacy and are not recommended for use.
- Do not immerse handpieces in ultrasonic bath.

INSTRUCTIONS:

Point of Use:

Before processing, remove Ultrasonic insert from the handpiece and disconnect handpiece from the scaler cable.

Remove any moist debris/residue on the handpiece using a lint free wipe (disposable cloth or paper towel) moistened with water. Then dry handpiece with a fresh dry paper towel or disposable cloth. Alternatively, use a disposable disinfectant cleaning wipe (such as VoloWipes™) to remove moist debris/residue.

Do not allow residue or any form of contamination to dry on device.

INFECTION CONTROL PROCEDURES

Steri-Mate, Steri-Mate 360 & Jet-Mate Handpieces, Handpiece Adapters, and Reservoir Bottles

Containment and Transportation:

Protect instruments from damage. Instruments should be reprocessed as soon as is reasonably practical following use. Instruments left standing wet may stain or corrode.

Cleaning: manual

Follow manufacturer instructions for cleaning detergent observing concentration rates and contact times. To remove contamination thoroughly wipe the handpiece using soap and water or a cleaning solution (such as ReSURGE® solution); pay special attention to holes/cannulas - these can be cleaned using a disposable syringe filled with soap and water or cleaning solution (such as ReSURGE®).

Rinsing:

Rinse the handpiece under tepid (potable) running water for 30 seconds to remove cleaning agent; a disposable syringe may be used to rinse the holes/cannulas.

Drying:

Dry the handpiece using a dry, lint-free wipe (disposable cloth or paper towel). Check that all debris has been removed. If not, repeat the cleaning process.

Disinfection:

To disinfect the storage caps, generously spray disinfectant solution on a clean cloth and wipe the caps thoroughly. Discard used cloth. Allow disinfectant to air dry. Storage caps are not steam autoclave sterilizable.

INFECTION CONTROL PROCEDURES

Steri-Mate, Steri-Mate 360 & Jet-Mate Handpieces, Handpiece Adapters, and Reservoir Bottles

Disinfection of the sterilizable handpieces, handpiece adapters, reservoir bottles, blue interface caps and sip tubes is not necessary prior to steam autoclave sterilization.

Packaging:

Place instrument in a paper or paper/plastic steam sterilization pouch. Instruments may be loaded into dedicated instrument trays.

Sterilization:

(Steri-Mate/Steri-Mate 360/Jet-Mate Handpieces, handpiece adapters, Reservoir bottles, and blue interface caps with sip tubes). Use only validated steam vacuum autoclaves. Place bagged handpiece into the steam autoclave, paper side up when using a paper/plastic pouch. After warm-up is completed, operate at the sterilizing temperature and cycle time listed in the chart below:

ITEMS	STERILIZING TEMPERATURE	STERILIZING CYCLE TIME
<ul style="list-style-type: none">• Jet-Mate Handpiece• Black Steri-Mate Handpiece• Handpiece Adapters• Reservoir Bottles• Blue Interface Caps with Sip Tubes	270°F / 132°C	3 minutes
Gray Steri-Mate Handpiece	273°F / 134°C	4 minutes
Steri-Mate 360^o Handpiece	270°F / 132°C	10 minutes

INFECTION CONTROL PROCEDURES

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Alternate method: Place non-bagged instruments into the steam autoclave. After warm-up is completed, operate at the sterilizing temperature and cycle time listed in the chart above. Instruments should be used immediately.

Drying:

To dry, use the drying cycle of the autoclave. Set cycle for 20-30 minutes.

Maintenance, inspection and testing:

- Visually inspect to ensure all contamination is removed.
- Check for distortion, damage and wear. Discard damaged, worn or corroded instruments.
- Inspect o-rings on the handpiece, handpiece adapter and handpiece cable for damage or wear. Replace if necessary.
- Ensure all o-rings are in place.

Storage:

To maintain sterility, instruments should remain bagged until ready for use and stored in a dry, clean environment.

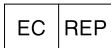
MANUFACTURER CONTACT:

In the United States, contact DENTSPLY Customer Service Technical Support at 800-989-8826. For areas outside the United States, contact your local DENTSPLY Representative.



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