

PicoSure Cleaning & Disinfecting Manual

Care and Handling: System Exterior

Cynosure suggests that operators periodically clean and disinfect the exterior of the laser system. Always turn off the system before cleaning.

Cleaning System Exterior

1. Using a soft cloth, clean the exterior of the laser with a mild soap and water.
2. When necessary, using a soft cloth, disinfect the exterior parts of the equipment with a hospital-grade disinfectant per healthcare facility approved disinfection protocol.

Cleaning Display

1. Prepare a mild soap and water solution.

CAUTION: Do not use any organic solvent, acid or alkali solution on the display or it may become damaged.

2. Immerse a soft cloth into the solution, and then wring water from cloth.
3. Wipe the surface of the display with the dampened cloth.

Care and Handling: Handpieces and Treatment Tips

NOTE: The following are recommendations for cleaning and high-level disinfection/sterilization of the patient contacting surfaces and cleaning and disinfection of non-patient contacting surfaces of the PicoSure handpieces. The ultimate responsibility for infection control in the healthcare facility is on the healthcare facility where these procedures are performed. The healthcare facility is obligated to follow all pertinent CDC and FDA guidance related to infection control for reusable medical devices.

CAUTION: Wear protective goggles, an apron and gloves when handling the cleaning solution.

CAUTION: Do not soak the spacer, the cal tool or Focus lens array.

CAUTION: Always disassemble the treatment tip from the spacer or array prior to cleaning and disinfection, see disassembly starting on page 58.

Cleaning the 755-nm Treatment Tip

1. Immediately after use, rinse the handpiece treatment tip with warm tap water to remove any visible debris.
2. Prepare a mild enzymatic cleaning solution, such as Endozime® AW Triple Plus with APA, according to the manufacturer's instructions.
3. Soak the treatment tip for at least 2 minutes in the prepared solution.
4. Remove the treatment tip from the cleaning solution and rinse thoroughly with warm tap water for at least 20 seconds, removing remaining debris.
5. Inspect the treatment tip. If any debris remains, repeat steps 3-4.
6. Sterilize the tip immediately after cleaning if possible.

Cleaning the 532-nm and 1064-nm Treatment Tips

1. Immediately after use, rinse the handpiece treatment tip with warm tap water to remove any visible debris.
2. Prepare a mild enzymatic cleaning solution, such as Endozime® AW Triple Plus with APA, according to the manufacturer's instructions.
3. Soak the treatment tip for at least 2 minutes in the prepared solution. After soaking, keep the treatment tip immersed in the solution and wipe the interior surfaces with a soft bristle brush, such as Gordon Brush part number 435151.
4. Remove the treatment tip from the cleaning solution and rinse thoroughly with warm tap water for at least 20 seconds, removing remaining debris.
5. Inspect the treatment tip. If any debris remains, repeat steps 3-4.
6. Sterilize the tip immediately after cleaning if possible.

Disinfecting/Sterilizing the Treatment Tips

Chemical Disinfection/Sterilization

IMPORTANT: These instructions apply to the 755-nm treatment tip only.

CAUTION: Follow the manufacturer’s guidelines for personal protection when handling the chemical disinfectant/sterilant.

After cleaning, immerse the treatment tip in an FDA-cleared, high-level disinfecting solution and sterilant, such as Cidex Plus® 28 Day Solution (3.4% glutaraldehyde). The minimum immersion period, per the Cidex Plus® Solution label, is 10 hours at 25°C for sterilization and 20 minutes at 25°C for high-level disinfection.

Steam Sterilization

IMPORTANT: These instructions apply to all treatment tips.

1. After cleaning, seal the treatment tip in a sterilization pouch. The pouch should be large enough to hold the treatment tip without stressing the pouch’s seals.
2. Place the pouch in the autoclave.
3. Select the preferred autoclave settings from the table below:

Temperature	Time	Cycle Type	Minimum Dry Time
273°F (134°C)	5 minutes	Prevacuum	10 minutes
270°F (132°C)	25 minutes	Gravity	10 minutes

Cleaning and Disinfecting Handpiece Components

NOTE: Handpiece components include the handpiece body, spacers, Focus lens array, cal tip and the handpiece adapters.

After each procedure, it is recommended to wipe off all handpiece component surfaces not contacting the patient, including the protective windows located in the fixed handpiece spacer and in the zoom handpiece body. Utilize applicable cleaning and disinfecting techniques, per healthcare facility guidelines.