



Original Light Source



Rechargeable Light Source



Magnification Lens

General Cleaning Instructions – Bionix® Light Sources and Magnification Lens:

1. Prepare the Cleaning Solution:

- Mix a mild dishwashing detergent with warm water to create a sudsy solution.
- **NOTE:** There is no specific detergent concentration required for general cleaning. Add enough detergent to create a sudsy solution.

2. Clean the Device:

- **⚠ WARNING: DO NOT** submerge the Light Source in water, as that will damage the unit.
- Dampen a soft cloth or sponge with the cleaning solution and gently wipe the outer surfaces.
- Use a new soft cloth or sponge dampened with clean water to wipe away any soap residue.

3. Dry Completely:

- Allow the device to fully dry before storage.

Important: Avoid using abrasive materials or harsh chemicals, as they may damage the device.

Compatible Disinfection Active Ingredients – Light Sources and Magnification Lens:

A comprehensive review of all Bionix Light Sources and the Magnification Lens materials was conducted to evaluate their compatibility with various disinfectants. This assessment considered the composition of each component, potential chemical interactions and long-term durability when exposed to different disinfecting agents.

Based on the findings, Bionix has developed tables of approved disinfectant active ingredients for both low-level and high-level disinfection. These tables list only those solutions that meet material compatibility requirements while maintaining the integrity and performance of the components.

Important Notes:

- This chemical compatibility review evaluates only the material compatibility of disinfectants; it does NOT assess the cleaning or disinfection efficacy of these agents.
- **Bionix is not responsible for improper disinfection practices.** It is the responsibility of the end user to ensure that their chosen disinfection method aligns with their facility's protocols, standards and local regulations.
- The use of any cleaning agent **other than those labeled “COMPLIANT” or “COMPLIANT W/ RINSE”** in the matrix below is at the sole risk of the customer. Bionix assumes no responsibility for any damage or adverse effects resulting from unapproved cleaning agents.

Compatibility Ratings in the Matrices Below:

• COMPLIANT:

COMPLIANT

The disinfectant solution should be used routinely per your facility's protocols, standards or local regulations, following the solution manufacturer's instructions.

• COMPLIANT W/ RINSE:

COMPLIANT
W/ RINSE

The disinfectant solution may be used routinely per your facility's protocols, standards or local regulations, following the solution manufacturer's instructions. However, the device must be rinsed or wiped down using a soft cloth or sponge dampened with fresh water immediately after disinfection. Failure to follow this step will cause chemical degradation of the device materials, potentially leading to device failure.

• NOT RECOMMENDED:

NOT
RECOMMENDED

The disinfectant solution should NOT be used, as it is NOT compatible with the device materials.

HIGH LEVEL DISINFECTION

Disinfection Active Ingredient	Disinfection Product Examples (NOT all-inclusive list)	Original & Rechargeable Light Source	Magnification Lens
Glutaraldehyde	FDA Cleared Sterilants and High Level Disinfectants with General Claims for Processing Reusable Medical and Dental Devices: <ul style="list-style-type: none"> • Cetylcode-G, Wavicide-01, TD-5 HLD, Rapicide HLD, Procide 14 NS, Omnicide Plus, Omnicide Long Life, Metricide Plus 30, Metricide, Metricide 28, MedSci 3%, Cidex, Cidex Plus, Cidex Formula 7, Cidex Activated, Banmicide Advanced 	COMPLIANT W/ RINSE OR WIPE-DOWN WITH SOFT CLOTH OR SPONGE	COMPLIANT
Hydrogen Peroxide	FDA Cleared Sterilants and High Level Disinfectants with General Claims for Processing Reusable Medical and Dental Devices: <ul style="list-style-type: none"> • Sporex Sterilizing & Disinfection Solution 	COMPLIANT	COMPLIANT
Hydrogen Peroxide & Peracetic Acid	FDA Cleared Sterilants and High Level Disinfectants with General Claims for Processing Reusable Medical and Dental Devices: <ul style="list-style-type: none"> • Peract 20, EndoSpor Plus 	COMPLIANT W/ RINSE OR WIPE-DOWN WITH SOFT CLOTH OR SPONGE	COMPLIANT
Hydrogen Peroxide, Accelerated	FDA Cleared Sterilants and High Level Disinfectants with General Claims for Processing Reusable Medical and Dental Devices: <ul style="list-style-type: none"> • Resert XL HLD 	COMPLIANT W/ RINSE OR WIPE-DOWN WITH SOFT CLOTH OR SPONGE	COMPLIANT
ortho-Phthalaldehyde (OPA)	FDA Cleared Sterilants and High Level Disinfectants with General Claims for Processing Reusable Medical and Dental Devices: <ul style="list-style-type: none"> • Cidex OPA, Rapicide OPA-28 HLD, Opaciden, OPA 30 	COMPLIANT W/ RINSE OR WIPE-DOWN WITH SOFT CLOTH OR SPONGE	COMPLIANT

LOW LEVEL DISINFECTION			
Disinfection Active Ingredient	Disinfection Product Examples (NOT all-inclusive list)	Original & Rechargeable Light Source	Magnification Lens
Ethyl Alcohol	EPA's Disinfectants for Use Against SARS-CoV-2 [List N] : • GOJO Purell Professional Surface Disinfectant Wipes	COMPLIANT	COMPLIANT
Isopropyl Alcohol (70%)	EPA's Disinfectants for Use Against SARS-CoV-2 [List N] : • Ecolab Klercide 70/30 IPA	COMPLIANT W/ RINSE OR WIPE-DOWN WITH SOFT CLOTH OR SPONGE	COMPLIANT
Quaternary Ammonium	EPA's Disinfectants for Use Against SARS-CoV-2 [List N] : • Clorox Disinfecting Wipes, Clorox Commercial Solutions Clorox Disinfecting Wipes, Clorox Healthcare VersaSure Wipes	COMPLIANT W/ RINSE OR WIPE-DOWN WITH SOFT CLOTH OR SPONGE	COMPLIANT
Sodium Hypochlorite (>100 ppm)	EPA's Disinfectants for Use Against SARS-CoV-2 [List N] : • Clorox Healthcare Bleach Germicidal Wipes, Clorox Healthcare Spore10 Defense Cleaner Disinfectant, Metrex Caviwipes Bleach, Metrex Cavicide Bleach	COMPLIANT	COMPLIANT

Additionally, please note the disinfectant examples listed in the tables above do NOT represent an all-inclusive list. If needed, comprehensive lists of disinfectants can be found on the websites listed below:

- EPA-Registered Disinfectants:
<https://www.epa.gov/pesticide-registration/selected-epa-registered-disinfectants>
- FDA-Cleared Sterilants and High-Level Disinfectants:
<https://www.fda.gov/medical-devices/reprocessing-reusable-medical-devices-information-manufacturers/fda-cleared-sterilants-and-high-level-disinfectants-general-claims-processing-reusable-medical-and>

For additional guidance on selecting the appropriate disinfection method for your application, refer to the CDC's *Guideline for Disinfection and Sterilization in Healthcare Facilities*. This document provides valuable information on disinfection methods and can be accessed at the website listed below:

- Guideline for Disinfection and Sterilization in Healthcare Facilities:
<https://www.cdc.gov/infection-control/hcp/disinfection-and-sterilization/index.html#toc>