Cleaning of BD Pyxis™ Products

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About this guide

This document covers the safety and cleaning guidelines for BD Pyxis system products. Some information in this document does not apply to all BD Pyxis equipment.

For safety information about the BD Pyxis system not covered in this document, call the Technical Support Center for BD Pyxis Products at 1.800.727.6102 or 858.617.2000.
Cleaning of BD Pyxis™ Products

Below are cleaning guidelines for the following BD Pyxis™ products:
BD Pyxis™ Anesthesia System
BD Pyxis™ MedStation®
BD Pyxis™ Supply Technologies
BD Pyxis™ CII Safe System

Cleaning supply and medication dispensing systems
To prevent damage to electrical components and to prevent the possibility of electric shock, safely shut down, turn off, and unplug all BD Pyxis products before washing them. BD products are typically cleaned with mild soap and warm water.

Warning
If you spill anything on the circuit board inside a drawer, immediately contact the Technical Support Center for BD Pyxis products at 800.727.6102 or 858.617.2000.

Caution
• When needed, clean the station with a damp cloth. Do not allow liquid to seep into any openings or seams. A nonabrasive cleanser can be used sparingly. Be sure to rinse off any residue with a clean, damp cloth. Avoid using spray bottles to spray into slots or ventilation openings.
• The same cautions, as previously stated, apply to cleaning drawer interiors and BD Pyxis CUBIE Pockets. Clean the drawers and pockets with a slightly damp cloth. Do not leave behind a wet surface where dust may accumulate.
• Do not use Ecolab Quick-Care hand sanitizer to clean the lids of enhanced half-height BD Pyxis CUBIE Pockets. Doing so will degrade the barcode labels on the lids.

For stations containing BD Pyxis CUBIE drawers, MiniDrawers, and Matrix drawers, HealthCare Logistics™ has created a disposable bin liner that can be used to help reduce contaminants and minimize the risk of infection. The disposable, inexpensive liners can be ordered through the HealthCare Logistics website—http://www.healthcarelogistics.com. Enter bin liners in the search field.

Note
Do not use alcohol to clean clear plastic components.

Cleaning the cabinet surfaces
• Clean the exterior of the cabinet with a slightly damp cloth, ensuring that liquids do not seep into any openings or seams.
• Wipe off any cleanser residue with a clean, damp cloth.
• Wipe computer keyboards using mild soap and warm water with a slightly dampened soft cloth.
Avoid contaminating supplies and medications stored in the product when cleaning the drawer and door fronts.

**Cleaning the BD Pyxis™ Anesthesia ES System**

Station keyboards have a protective cover. Follow normal cleaning procedures to maintain the cover. Covers are replaced without charge for normal wear and tear.

- To remove any dirt or fingerprints from the front surface of Pyxis products displays or touch screens, use an alcohol pad and a clean, lint-free cloth.
- Clean third-party peripheral equipment, such as scanners, printers, and handheld devices, according to the manufacturer’s instructions.
- All electronic areas must be completely dry and free of foreign material before returning the product to service.
- Clean the drawer interiors with a slightly damp cloth and wipe them dry.
- Bin liners can be replaced on a regular basis and whenever the liner becomes soiled.

Warm water is an acceptable cleaning solution. In addition, the following are acceptable cleaning solutions which must be diluted according to the manufacturer’s recommendation:

- Mild detergent—per manufacturer’s recommendation, as needed
- 10% bleach solution—1 part bleach to 9 parts water
- Compublend II (Base V with fragrance)—0.5 oz/gallon water
- 70% isopropyl alcohol (IPA)—no dilution required
- Wex-Cide—1 oz/gallon water
- Ready to Use Wex-Cide—no dilution required
- Sani-Cloth Plus, Sani-Cloth Super, Sani-Cloth HB
- Asepti-zyme—1 oz/gallon water
- Clorox wipes
- Hibiclens—25.6 oz/gallon water
- LpH disinfectant cleaner—0.5 oz/gallon water
- Maxima 128—1 oz/gallon water
- MetriZyme—1 oz/gallon water
- Expose II 256—0.5 oz/gallon water
- Virkon—dilute per manufacturer’s recommendation

**Hand Sanitizers**

- Purell™ with 62% alcohol—no dilution required
- 3M™ Avagard™ D—no dilution required
- Ecolab™ Quick-Care™—no dilution required
Cleaning the BD Pyxis™ MedStation

Station keyboards have a protective cover. Follow normal cleaning procedures to maintain the cover. Covers are replaced without charge for normal wear and tear.

- To remove any dirt or fingerprints from the front surface of Pyxis products displays or touch screens, use an alcohol pad and a clean, lint-free cloth.
- Clean third-party peripheral equipment, such as scanners, printers, and handheld devices, according to the manufacturer’s instructions.
- All electronic areas must be completely dry and free of foreign material before returning the product to service.
- Clean the drawer interiors with a slightly damp cloth and wipe them dry.
- Bin liners can be replaced on a regular basis and whenever the liner becomes soiled.
- To clean the BioID Device, refer to the instruction on how to clean the cabinet.

Warm water is an acceptable cleaning solution. In addition, the following are acceptable cleaning solutions which must be diluted according to the manufacturer’s recommendation:

- Mild detergent—per manufacturer’s recommendation, as needed
- 10% bleach solution—1 part bleach to 9 parts water
- Compublend II (Base V with fragrance)—0.5 oz/gallon water
- 70% isopropyl alcohol (IPA)—no dilution required
- Wex-Cide—1 oz/gallon water
- Ready to Use Wex-Cide—no dilution required
- Sani-Cloth Plus, Sani-Cloth Super, Sani-Cloth HB
- Asepti-zyme—1 oz/gallon water
- Clorox wipes
- Clorox Healthcare Bleach Germicidal Cleaner—no dilution required
- Hibiclens—25.6 oz/gallon water
- LpH disinfectant cleaner—0.5 oz/gallon water
- Maxima 128—1 oz/gallon water
- MetriZyme—1 oz/gallon water
- Expose II 256—0.5 oz/gallon water
- Virkon—dilute per manufacturer’s recommendation

Hand Sanitizers

- Purell™ with 62% alcohol—no dilution required
- 3M™ Avagard™ D—no dilution required
- Ecolab™ Quick-Care™—no dilution required
Cleaning the BD Pyxis™ Supply Technologies

The following recommended solutions must be diluted according to the manufacturer's recommendation. Acceptable cleaning solutions are:

- Warm water
- Manu-Klenz
- 10% Bleach solution (1 part bleach to 9 parts water)
- Compublend II
- Envirocide
- 70% Isopropyl Alcohol
- Vesphene II SE
- Cavicide
- Sani-Cloth Plus
- Super Sani-Cloth
- Sani-Cloth HB

The same precautions apply to cleaning drawer interiors. Clean the drawers with a slightly damp cloth. Do not leave behind a wet surface where dust may accumulate. Do not use alcohol to clean clear plastic components.
Cleaning the BD Pyxis™ CII Safe System

Cleaning the print heads

When a new ribbon is loaded or the print quality become noticeably poor, the print head must be cleaned with a cleaning pen.

- Remove any labels loaded into the label printer.
- Remove the transfer ribbon.
- Gently rub the cleaning pen across the amber area of the label printer head.
- Allow the print head to dry for one minute before loading transfer ribbon or labels.

Cleaning the cabinets

When needed, clean the exterior of the cabinet with a slightly damp cloth. You can use a non-abrasive cleanser but use it sparingly and rinse off any residue with a clean, damp cloth.

Caution
Do not leave behind a wet surface where dust can accumulate. Do not use alcohol to clean glass doors.

The following recommended solutions must be diluted according to the manufacturer's recommendation. Acceptable cleaning solutions are:

- Warm water
- Manu-Klenz™
- 10% Bleach solution (1 part bleach to 9 parts water)
- Compublend™ II
- Envirocide™
- 70% Isopropyl Alcohol
- Vesphene™ IISE
- Cavicide™
- Sani-Cloth™ Plus
- Super Sani-Cloth
- Sani-Cloth HB

Cleaning the BioID Device

Depending upon the amount of use, the sensor window picks up dirt and salts from your finger from normal use.
Caution

- Never clean the sensor window with a paper product.
- Never clean the sensor with a solvent-based cleaner.
- Do not pour or spray any liquid directly on the sensor window.
- Do not submerge the sensor in liquid.