

Best practices for cleaning BD Alaris™ System devices

ALWAYS follow the instructions provided in the maintenance section of your BD Alaris™ System User Manual.

Use healthcare-grade cleaning products that are recommended for cleaning BD Alaris™ System devices. **DO NOT** use chemicals that can damage the instrument's surface. Some chemicals can weaken or damage plastic parts and may cause instruments to not operate as intended or may void your warranty.

Access the recommended cleaners list, the BD Alaris™ System User Manual and other resources at bd.com/AlarisSystemCleaning

Cleaning the case—use recommended cleaners when possible



Make sure the instrument is upright, turned off and the power cord is unplugged. Attach strongly recommended IUI connector covers. Wipe all exposed device surfaces **EXCEPT** the inter-unit interface (IUI) connectors.

DO NOT use an oversaturated cloth. Be sure to squeeze out excess liquid.



Use a dedicated soft-bristle brush to clean the case to remove any visible residue. The brush may also be used to clean narrow or hard-to-reach areas.

DO NOT use any hard, abrasive or pointed objects to clean any part of the instrument.



Follow the cleaner manufacturer's instructions on the time to leave it on the device surface. Then, remove the cleaner using a soft cloth dampened with water.

DO NOT allow the cleaner to collect on the instrument.

Cleaning the IUIs—70% isopropyl alcohol (IPA) ONLY



Remove IUI connector covers. Apply 70% IPA directly to the dedicated IUI cleaning brush. To prevent cross-contamination, do not dip the brush into the IPA.

DO NOT use the same brush used on the case to clean the IUI connectors. Doing so could inadvertently transfer the cleaner or contaminants to the electrical contacts.



Clean both IUIs with the dedicated IUI cleaning brush.

To avoid accidental fluid deposits on the connectors, **DO NOT** use any spray cleaners anywhere near the IUI connectors. **NEVER ALLOW ANY CLEANER OTHER THAN 70% IPA TO CONTACT THE IUI CONNECTORS.**



Drying and inspection



Fully inspect the instrument during each cleaning. Look for any visible external damage, such as a cracked or broken door, handle or latch. Open the door of each pump module, and inspect the platen and hinge for cracks or other damage.

DO NOT use a device with any damage. Send it to Biomedical Engineering for repair.



Inspect the IUI connectors on each BD Alaris™ PC Unit and module prior to use. Replace any IUI connector with surface contaminants, blue or green deposits, damaged contacts, ribs or cracks.

DO NOT use a device with any cracks or surface contaminants on the IUI connectors. Send it to Biomedical Engineering for repair.



Confirm that the instruments and IUI connectors are thoroughly dry before using them again.

DO NOT attach devices that have not fully dried to one another. "Wet mating" can hinder proper instrument operation.

For product support, contact Customer Advocacy at **888.812.3266** or customerfeedback@bd.com

For technical support, contact Instrument Technical Support at **866.488.1408** or DL-US-INF-Tech-Support@bd.com

For product orders, contact Customer Order Management at **800.482.4822** or custcareinfusion@bd.com

 See below for applicable warnings and cautions.

 For complete instructions, refer to the BD Alaris™ System User Manual at bd.com

Warnings and cautions

WARNING

To prevent electrical hazard:

- Turn the instrument off and unplug the power cord from AC power before cleaning.
- Do not spray fluids directly onto the instrument or into the IUI connectors.
- Do not steam autoclave, EtO sterilize, immerse in fluids or allow fluids to enter the instrument case.
- Do not connect a module until the IUI connectors are thoroughly dry.
- Do not use compressed air to dry the instrument; this could force fluid into the instrument.

Inspect IUI connectors

WARNING

Inserting a finger or other object into the IUI connector, when the module is attached to the PC unit, could result in electrical shock.

WARNING

Failure to perform these inspections can result in improper instrument operation.

CAUTION

Preventative maintenance inspections should only be performed by qualified service personnel.

CAUTION

- The use of chemicals that can damage the surface of the instrument and failure to follow the BD Alaris™ and Alaris™ product cleaning procedures and the cleaning solution manufacturer's recommended dilutions can result in an instrument malfunction or product damage, such as weakening and cracking of the case, and could void the warranty.
- Do not allow the cleaning solution to contact the IUI connector when cleaning the instrument
- Do not use hard, abrasive or pointed objects to clean any part of the instrument.

CAUTION

- Do not allow cleaning solutions to collect on the instrument. Residue buildup might cause the moving parts to become sticky and hinder their operation over time.
- Certain chemicals can damage the surfaces of the instrument. Refer to the following website for a list of chemicals that should NOT be used: www.carefusion.com/alarissystemcleaning
- Do not use chemicals that can damage the surface of the instrument. When possible use cleaning products that are recommended for use by CareFusion.

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