

PEA POD® Cleaning and Disinfecting Guidelines with Special Considerations for COVID-19

In response to the COVID-19 pandemic, these are the best practices for cleaning and disinfection of the PEA POD. The PEA POD has been designed to minimize the risk of infection due to contaminated components, including the implementation of continuous unidirectional air flow mechanisms (from outside environment to patient to outside environment only). However, operators must carefully follow the reprocessing instructions reported in the [PEA POD User Manual](#), which are reprinted in their entirety in this document. Additionally, operators should note the following:

More frequent disinfection may be warranted based on COVID-19 prevalence in your region. Disinfection should be performed using a disinfectant that meets the EPA's criteria for use against SARS-CoV-2, the virus that causes COVID-19. The following disinfectants are approved for use on the PEA POD and also appear in the EPA list: (<https://www.epa.gov/pesticide-registration/list-n-disinfectants-use-against-sars-cov-2>):

- **Clorox Healthcare® Bleach Germicidal Wipes** [Active Ingredients: Sodium Hypochlorite (0.65%)]
- **Super SaniCloth Germicidal Disposable Wipes** [Active Ingredients: n-Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chlorides (0.25%), n-Alkyl (60% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chlorides (0.25%), Isopropyl Alcohol (55%)]

Alternatively, in situations where the above products or equivalent products cannot be found, a **0.5% Sodium Hypochlorite solution** can be made from bleach and applied with clean cloths as described below with a minimum contact time of 1 minute. <https://www.cdc.gov/coronavirus/2019-ncov/community/organizations/cleaning-disinfection.html>
<https://www.cdc.gov/infectioncontrol/pdf/guidelines/disinfection-guidelines-H.pdf>

WARNING: In case of room sanitization using vapor with chlorine, cover the PEA POD with impermeable fabric during the treatment and then immediately afterwards, wipe the PEA POD down to avoid any possible damage.

Cleaning and Disinfecting PEA POD (Extracted from PEA POD® Infant Body Composition System Operator's Manual – P/N 210-4004 Rev. T – Pages 181-183)

Cleaning and Disinfection Precautions:

CAUTION: The PEA POD and accessories are non-sterile products. Do not attempt to sterilize any part of the PEA POD, as sterilization may damage the device.

CAUTION: Do not soak parts in cleaning/disinfection solutions. Always dry parts after cleaning. Following these two recommendations will greatly extend the life of the parts.

CAUTION: Do not allow excess cleaning/disinfection solution to seep in between parts (especially in the PEA POD test chamber) where it cannot be easily wiped dry with a cloth.

CAUTION: Use of cleaning/disinfection solutions not listed in this manual, or chemicals in greater concentrations than those listed may damage the PEA POD.

CAUTION: To minimize the generation of static electricity, do not polish the top of the unit or doors with a dry cloth.

CAUTION: The chamber tray and the scale tray should be cleaned after every use. The disposable scale tray pad should be replaced after the testing of an individual test subject is complete.

If the PEA POD has been exposed to body fluids, check the hospital's infection control procedures. Protective clothing and/or eye wear or use of special disinfecting agents and cleaning procedures may be required.

Always apply cleaning/disinfection solutions onto a clean cloth and then use the cloth to clean the PEA POD. Never directly spray or

apply solutions to the PEA POD or its components. After cleaning, wipe dry the PEA POD and its components using a clean soft cloth to avoid scratches.

Cleaning and Disinfection Procedure:

According to the Spaulding scheme described in the CDC Guideline for Disinfection and Sterilization in Healthcare Facilities (2008), the PEA POD is a noncritical item (contact with intact skin but not mucous membranes). Noncritical items require low-level disinfection, at a minimum. This is a multi-step process consisting of cleaning to remove visible soil, followed by disinfection. Approved disinfectants for the PEA POD are listed below.

After testing a subject, clean and disinfect the PEA POD scale tray, test chamber tray, and urination shield. This can be done by leaving the trays and the shield in place (for the test chamber tray and shield, the tray must first be pulled out of the test chamber) while the PEA POD is in operation. Cleaning and disinfecting of the trays and urination shield can also be done after removing them and allows for the cleaning/ disinfecting of the top cover under the scale tray and the test chamber, respectively. To remove each tray, gently lift them up until they have cleared their receptacles (for the test chamber tray this can be done after pulling it out of the test chamber). To place each tray back, gently lower them into their receptacles. Check for proper orientation and snugness.

Clean and disinfect the PEA POD sides and top with an approved disinfection solution weekly. Remove the scale tray as described above for a complete cleaning and disinfection of the top cover. Always apply the disinfection solutions onto a clean cloth and then use the cloth to disinfect the PEA POD. Never directly spray or apply disinfection solutions to the PEA POD or its components. After disinfecting, wipe the cleaned areas dry using a clean soft cloth to avoid scratches.

Clean and disinfect the test chamber monthly and after testing, if body fluids were not contained within the test chamber tray during the test. Before cleaning / disinfecting the test chamber, shut down the PEA POD, turn the power switch to the OFF position and unplug the power cord. The PEA POD should also be allowed to cool down for 2 hours.

The PEA POD computer/monitor, keyboard, and printer should be cleaned as needed following the cleaning guidelines in their respective User Manuals (provided).

The keyboard membrane should be cleaned using a mild soap and water solution, then rinsed and dried.

The standard weight and standard volume should be cleaned as needed using a clean soft cloth.

Approved Cleaning/Disinfection Solutions (Follow all instructions for use specified for cleaning/disinfection solutions).

Disinfect the PEA POD using one of the following solutions:

Generic Formulation	Maximum Concentration Level
Sodium Hypochlorite (bleach)	0.5% Aqueous Solution
Glutaraldehyde	2%
Hydrogen Peroxide	6%
Cavicide	100% spray

Do not use the following cleaners, as they will damage the parts:

- Isopropyl Alcohol, Solvents (such as acetone) & Virex

Do not use the following cleaners, as they are not recommended to clean non-critical infant equipment:

- Phenolic germicidal detergent solutions

Safety & Quality Standards: MDD (93/42 EEC); FDA 510(k); EN 60601-1 (safety) / EN 60601-1-2 (EMC)

