

Cleaning, Disinfecting and Sterilization

ABP Monitors
90207, 90217, 90217A, 90227 (OnTrak)

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077-0356-00 Rev A


CUSTOMER SERVICE NOTE


Products: ABP Monitors 90207, 90217, 90217A, 90227 (OnTrak)

Purpose: To provide customers a detailed procedure for cleaning, disinfecting, and sterilization, with warnings and recommendations of proper cleaning agents.

Cleaning, Disinfecting, and Sterilization

Warnings, Cautions, and Notes – All Listed Products

	<ul style="list-style-type: none"> • <i>Use only recommended cleaning solutions, or you may void the manufacturer's warranty.</i> • <i>Harsh chemical agents, some germicidal and other harsh cleaning compounds are known to damage some plastics by weakening the structural integrity and compromising the electrical insulating properties.</i> • <i>Disconnect the equipment from the patient and the electrical supply before cleaning.</i> • <i>Do not allow liquid to enter the interior of the equipment.</i> • <i>Do not immerse the equipment or cables in water or cleaning solutions.</i> • <i>Do not autoclave.</i> • <i>Accelerated Hydrogen Peroxide (AHP) and quaternary ammonia-based products ARE NOT RECOMMENDED for cleaning monitors and cables. These chemicals degrade plastics used in ABP monitors, and can cause the electrical insulating properties and structural integrity of the equipment break down.</i> <p><i>Cavicide, Virex, Virex 256, PDI Sani-Cloth Bleach Plus, Super Sani-Cloth, and Sani-Cloth AF3 are common quaternary ammonia germicidal products. The manufacturers of these solutions advertise that these germicidal products are safe for use on hard, non-porous surfaces, such as linoleum floors, Formica countertops, and stainless steel. The manufacturers discourage the use of quaternary ammonia germicidal products on computer-grade plastics and on data, cables, which are classified as porous materials.</i></p>
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	<ul style="list-style-type: none">• Use caution when cleaning cable connectors so that liquid is not permitted to collect around the electrical contacts or seep inside the connector. Trapped liquids and surface residues provide an unintentional electrical path, which may cause communication failure. <p>Questions and concerns about cleaning issues should be directed to a Spacelabs Healthcare representative.</p>
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Note:

- *For cleaning instructions for an Original Equipment Manufacturer (OEM) device, refer to the user manual for that product.*
- *Accelerated Hydrogen Peroxide (AHP) contains hydrogen peroxide and low concentrations of phosphoric acid. AHP is different from cleaners containing hydrogen peroxide mixed with alcohols and specifically NOT recommended for cleaning Spacelabs Healthcare products.*
- *Over time, repeated use of a chlorine bleach solution may cause some colors to fade.*
- *Tape adhesive can be removed with Spacelabs Healthcare adhesive tape remover pads (P/N 392196-001).*
- *Follow your hospital protocol for the handling of blood and body fluids.*
- *Where provided, obey the manufacturers' instructions concerning disposable and reusable supplies.*
- *As applicable, obey your hospital protocol concerning cleaning, disinfection, and/or sterilization of reusable supplies.*
- *Obey hospital protocols to dispose of used and contaminated single-use accessories.*

Recommended Cleaners

- Mild soap and water solution
- U.S. Pharmacopoeia (USP) green soap
- Sodium hypochlorite solution (1:10 dilution of household chlorine bleach in water)
- Phenolic germicidal detergent (1% aqueous solution)
- Isopropyl alcohol (70% solution)
- PDI Sani-Cloth Bleach (sodium hypochlorite 0.63%)

Cleaning and Disinfecting ABP Monitor Cases

1. Remove the batteries and close the battery cover.
2. Remove the download cable and cuff hose (if fitted).
3. Rub the monitor with a cloth wetted in a mild detergent solution.
4. Dry the monitor thoroughly.

5. Prepare the cleaning solution chosen from the list of recommended cleaning solutions, according to the manufacturer's instructions.
6. Wet a clean cloth with the selected cleaning solution.
7. Remove excess liquid from the cloth and squeeze dry.
8. Wipe all exposed surfaces of the equipment.
9. Leave the monitor for the required contact time, during which it should remain wet.
10. Remove any soap residue by gently wiping with a clean damp cloth.
11. Wipe dry with a clean dry cloth.
12. Remove disinfectant residues in accordance with the disinfectant labelling.

Cleaning the 90227 (OnTrak) Buttons

Clean the buttons by wetting a small brush with a mild detergent solution and gently scrubbing around and across the buttons. Dry the buttons with a rubbing action.

To disinfect the buttons, repeat the procedure using 70% isopropyl alcohol which can be left to dry naturally and does not require any rinse procedures.

Cleaning the 90227 (OnTrak) Display

Clean the display with a soft cloth moistened with either 70% isopropyl alcohol solution or soapy water.

Cleaning Battery Covers

Clean around the battery cover with a small brush using a mild detergent solution.

Disinfect using the same method with 70% isopropyl alcohol to provide low level disinfection.

Open the battery cover and inspect for contamination. Clean using a small brush, taking care not to allow liquid to enter the body of the ABP.

Wipe with 70% isopropyl alcohol to provide low level disinfection. This agent can be left to dry naturally and does not require any rinse procedures.