stryker

Altrix™ Precision Temperature Management System

Disinfection guide

Disinfecting

Disinfect the internal water circuit and hoses every 14 days

Use the BruClean TbC disinfectant tablets by Brulin (EPA registration number 71847-2-106) before first use, at least every 14 days, and before storage. BruClean TbC has been validated for internal water circuit disinfection. Make sure that you follow the disinfectant manufacturer's guidelines to avoid the risk of injury. Failure to follow the disinfectant's instructions may void your warranty.

⚠ Caution

- Always use sterile distilled water or water that has been passed through a filter less than or equal to 0.22 microns with this product.
- Do not disinfect the internal water system with a thermal transfer device attached as this may cause a leak.
- Do not use bleach or any other cleaning or disinfectant agents for internal circuits. This could result in damage to the product. Only use approved disinfectant tablets.
- Always drain the product before disinfecting the internal water circuit. Failure to drain the product may reduce the effectiveness of the disinfection process.

Note: Disinfection of the Altrix internal water system was validated using *M. mucogenicum*.

Tools required:

- 2 gallons (11.4 L) of sterile distilled water or water that has been passed through a filter less than or equal to 0.22 microns
- Personal protection equipment (PPE) as recommended by the disinfectant manufacturer's instructions
- Soft, lint free cloth (2 or more)
- 2 BruClean TbC 13.1 g tablets (Active ingredient NaDCC solution ppm = 1874 mg/L)
  Note: BruClean TbC is a blend of 48% sodium dichloroisocyanturate and Adipic Acid with a 5% sodium dodecyl benzene sulphonate surfactant.
- Service tool adapter hose (8001-999-017) for Colder style connector hoses
- Floor drain

See Product illustration on page 10 of the manual for clarification of product component names and locations.

Draining the internal water circuit and hoses for disinfection

1. Unplug the power cord from the wall outlet.
2. Place the controller over a floor drain.
   Note: For best results, the floor drain should be within reach of a wall outlet to power on the controller.
3. To drain the controller, pull up on the controller drain plug (A) to open the drain (Figure 24). Leave the drain open.

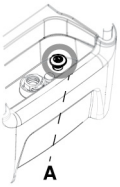

Figure 24

Draining the internal water circuit and hoses for disinfection (cont.)

4. Connect a hose to each port (Figure 25).
5. Close the connector ends of all three hoses:
   a. If you have Colder style connector hoses, attach the service tool adapter hose (8001-999-017) (Figure 26). Complete this for all three hoses.
   b. If you have Clik-Tite hoses, make sure that the connector ends are connected and closed (A), and clamps are open (B). Complete this for all three hoses (Figure 27).
6. To fully drain the hoses, raise all the hoses (Figure 28) above the connection ports on the controller.
   Note: For best performance, hang the hoses to keep them raised. Do not lower the hoses until you have completed the disinfection and rinsing process.
7. Allow the controller and hoses to drain for a minimum of two minutes.
8. Push down on the drain plug to close the drain.

Figure 25

Figure 26

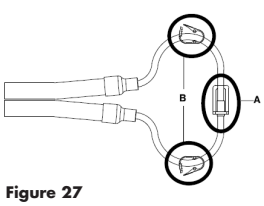

Figure 27

Figure 28

Disinfecting the internal water circuit and hoses

1. Use personal protection equipment as recommended by the BruClean TbC disinfectant manufacturer's instructions for use.
2. Put 2 BruClean TbC tablets into the reservoir.
3. Using appropriate measuring equipment, fill the empty reservoir with 1 gallon (3.8 L) of sterile-distilled water.
   Note: Always allow the disinfectant tablets to completely dissolve before starting the 20 minute disinfection cycle.
4. Place the reservoir into the controller.
5. Disconnect the bottom hose from the bottom right port (Figure 29).
6. Connect the bottom hose end to the hydraulic connector in the lid of the reservoir (Figure 30).
7. Plug the power cord into a wall outlet.
8. Press and hold the Stand-by button.
9. Tap the Manual mode icon.
10. Tap Confirm.
11. Set the water target temperature to 25.0° C (77.0° F).
12. Tap Confirm.
13. Run the controller for 20 minutes. 00:20:00
14. After 20 minutes, turn the controller off by pressing and holding the Stand-by button for two seconds.
15. Unplug the power cord from the wall outlet.
16. Place the controller over a floor drain.
17. Remove the reservoir. Pull forward at an angle, and lift out the reservoir.
18. Remove the bottom hose end from the hydraulic connector adapter in the reservoir lid by pushing down on the collar.
19. Empty water from the reservoir, dispose of the water per hospital protocol.

Figure 29

Figure 30

20. Pull up on the controller drain plug (Figure 31) to open the drain.

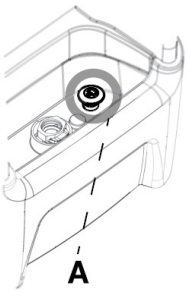

Figure 31

21. Make sure that all 3 hoses remain raised above the connection ports for draining.
22. Allow the controller and hoses to drain for a minimum of two minutes.
23. Push down on the controller drain plug to close the drain.
24. When the controller and hoses are drained, continue to Rinsing the internal water circuit and hoses.

Rinsing the internal water circuit and hoses

1. Using appropriate measuring equipment, fill the empty reservoir with 1 gallons (3.8 L) of sterile-distilled water.
2. Place the reservoir into the controller.
3. Connect the bottom hose end to the hydraulic connector in the lid of the reservoir (Figure 32).
4. Plug the power cord into a wall outlet.
5. Press and hold the Stand-by button.
6. Tap the Manual mode icon.
7. Tap Confirm.
8. Select the water target temperature of 25.0° C (77.0° F).
9. Tap Confirm.
10. Allow the controller to run for 5 minutes. 00:05:00
    Note: The timer will run on the main display, follow the current therapy duration timer.
11. After 5 minutes, turn the controller off by pressing and holding the Stand-by button for two seconds.
12. Unplug the power cord from the wall outlet.
13. Place the controller over a floor drain.
14. Remove the reservoir. Pull forward at an angle, and lift out the reservoir.
15. Remove the bottom hose end from the hydraulic connector adapter in the reservoir lid by pushing down on the collar.
16. Empty water from the reservoir, dispose of the water per hospital protocol.
17. Pull up on the controller drain plug to open the drain.
18. Make sure that all 3 hoses remain raised above the connection ports for draining.
19. Allow the controller and hoses to drain for a minimum of two minutes.
20. Push down on the controller drain plug to close the drain.
21. Wipe the inside and outside of the reservoir and reservoir lid, with a dry, soft, lint free cloth.
22. Place the reservoir into the controller.
23. Disconnect and store the service tool adapter hoses from all three of the hoses. (If applicable, when used with colder style hoses.)
24. Store the power cord, cables, and hoses.

Figure 32

Information on this card reflects procedures taken from operations manuals 8001-009-001. Always refer to your operations manual for more information.

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