CytoFLEX Long Term Shutdown

Preparing the Instrument for Transport or Storage

When the instrument is to be transported or is not to be used for 30 days or more, complete the emptying processes to prevent instrument damage and to reduce the possibility of biological contamination. Contact us if you have any questions.

1. Run the Deep Clean procedure. (Manual pp. 11-9)
2. Run the Daily Clean procedure. (Manual pp. 11-1)
3. Clean the Sample Station. (Manual pp. 11-7)
4. Empty the sheath fluid container and the waste container. (Manual pp. 12-9)
5. Clean and disinfect all surfaces. (Manual pp. 11-13)
6. Clean the sheath fluid container and the waste container. (Manual pp. 11-10)
7. Remove the right-side cover. (Manual pp. 12-4)
8. Remove the Deep Clean solution bottle from the bracket, empty the Deep Clean solution bottle, and rinse with DI water. Then, attach the Deep Clean solution bottle to the bracket.
9. Remove the Plate Loader module if applicable. (Manual pp. 12-51)
10. Power down and disconnect all the cables and sheath fluid and waste harnesses. 11-16 B49006AP Cleaning Procedures Nonscheduled Cleaning
11. CAUTION Risk of instrument damage. The Cytometer can suffer irreparable damage if it is exposed to subfreezing temperatures while it still contains liquid. Always drain the flow cell after cleaning the Cytometer if the Cytometer will be stored or transported in subfreezing temperatures.
12. WARNING Risk of contamination from biohazardous material. Always wear PPE when performing this procedure as you can contact components with blood residue when handling the Fluidics module. Dispose of any absorbent materials used to collect or clean up leaks in accordance with the local regulations and acceptable laboratory procedures.
13. Disconnect the blue-labeled tubing from the pneumatic valve PV1 and hold the absorbent material under the disconnected tubing to collect any dripping liquid.
14. Disconnect the yellow-labeled tubing connected to the choke to vent the flow cell, allowing it to drain.
15. Verify that liquid has stopped dripping from the blue-labeled tubing.
16. NOTE The flow cell is empty when liquid stops dripping from the blue-labeled tubing.
17. Dispose of the absorbent material used to collect the liquid in accordance with the local regulations and acceptable laboratory procedures and cleanup any spills.

18. Reconnect the blue-labeled tubing to PV1.
19. Reconnect the yellow-labeled tubing to the choke.
20. Reinstall the right-side cover. (Manual pp. 12-4)
21. Ensure that the optical filters are seated properly.
22. Ensure that the top cover is tightly closed.