

SHUT DOWN protocol:

Please put the system in the default settings: *i.e.* 50 μ l drive from each syringe - 100 μ l total, 1.5 mm settings for both slits on monochromator.

1. Shut down the power on PMT.
2. Load 2 ml of water into each drive syringe (4 ml total).
3. Flush the flow-cell by pushing liquid from the drive syringes into stopped syringe (the driving syringe valves should be in “drive position” and the stopped-flow valve handle facing you); NOTE: the first time you will be able to push only \sim 100 μ L of solution- later you will be pushing \sim 2mL in one shot.
4. Turn the stop valve handle 180° (the handle will be facing the shelves - away from you) and manually empty the stopped syringe (push the plunger all the way up).
5. Turn the stop valve handle back so it will be facing you.
6. Repeat 10 times- rinsing with at least 40 mL of water.
7. Load 20% Ethanol into each drive syringe and repeat steps 3 through 5 with 20% Ethanol.
8. Quit the software.
9. Remove filter from the detector.
10. Turn off the lamp and workstation.
11. Turn off the main switch on the N₂ tank.
12. Empty the waste bottle.
13. Power down the power strip (behind the system) and Zip-drive/printer strip (next to the computer).

REMINDER: Drain the water from the water jacket if you have