

START UP protocol:

1. Power up the power strip behind the instrument.
2. Turn on lamp power supply (behind the lamp housing- switch on the back).
3. Check whether the settings are appropriate for a given lamp:-
 - **CR** for **Xe** lamp
 - **W4** for **Hg-Xe** lamp
4. Ignite the lamp - wait until it ignites before turning on other components of the system.
5. Turn on the workstation.
6. Turn on the main switch on the N₂ tank - the pressure should be 120 psi.
7. Power up the Zip-drive/printer strip (next to the computer).
8. Install a filter into the detector.

WARNING: *one should never remove the PMT without turning off the PMT voltage!!! It will cause permanent damage to the PMT.*

9. Start the software.
10. Load 2 ml of water into each drive syringe (4 ml total).
11. Do 20x0.1sec shots to flush any Ethanol from the flow-cell system.