

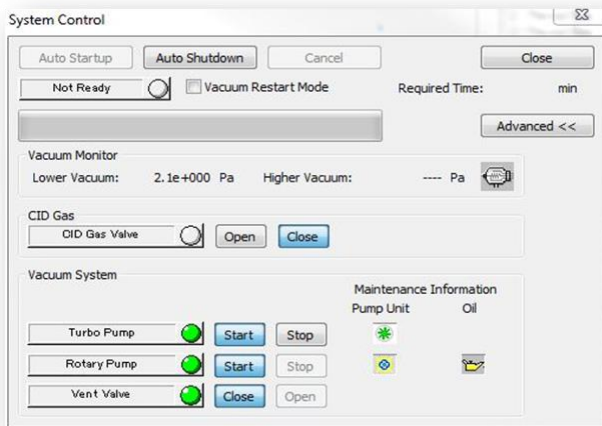
Shut down Recommendations for LCMS-2020/8030/8040/8045/8050/8060 for extended periods of time

*This document describes the best way to store your LCMS unit for an extended length of time. Please only follow this procedure if you will have continuous power still going to the LCMS unit. If you expect power failures, please follow the proper procedure to vent the MS and completely power the system off.

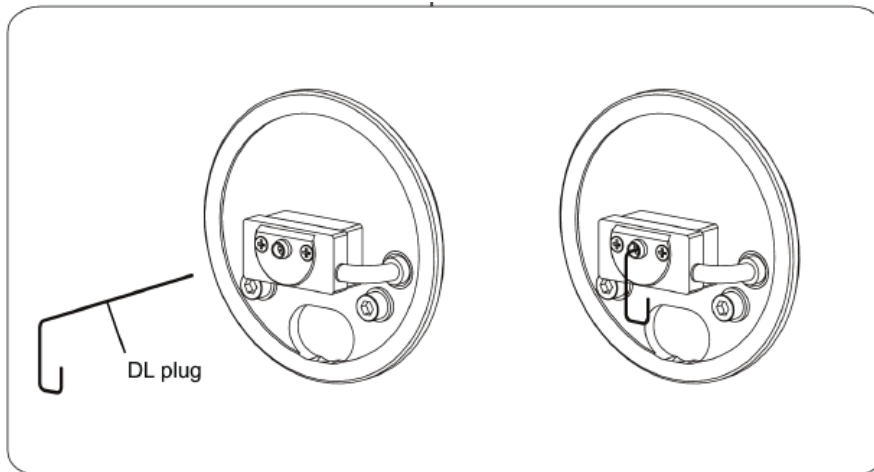
Recommended Shut Down

When the LCMS unit is not going to be in use for an extended length of time it is recommended to leave the system under vacuum if possible. No gas supply is required to maintain vacuum, but a continuous power supply is needed.

1. Stop all LC flow to the MS.
2. Power down the LC stack based on each model's specified recommendations.
3. Turn OFF all heaters and gas flow for the MS.
4. Go to Instrument tab → System control → Advanced.



5. Turn off CID gas by closing the CID Gas Valve. Leave both the Turbo pump and Rotary pump on and vent valve closed. (**Please note there is no CID gas valve for the LCMS-2020)
6. Open the source window and place a DL plug or GC septum on the DL.



7. Instrument can now be stored. (**Please note that if the length of non-use is longer than 6 months you may want to vent the instrument or ensure proper maintenance is still being done to the Rotary pump. For example, checking the level of oil and changing it if necessary.)

Upon restarting use of the instrument be sure to remove the DL plug or GC septum and re-open the CID gas valve.