



Summary of Start Up and Shut Down Procedures For the SPE-DEX 1000/3000XL

Start Up Procedure

- 1) Clear the sample collect check valve
- 2) Turn on power supply.
- 3) Fill solvent bottles.
- 4) Empty waste bottles.
- 5) Turn on Vacuum.
- 6) Set main vacuum to -25 " Hg.
- 7) Turn on and set main Nitrogen gas pressure to 60-80 psi.
- 8) Load empty disk holder cup.
- 9) Attach collection vessel.
- 10) Load empty sample bottle.
- 11) Run purge method twice.

Shut Down Procedure

- 1) Remove the sample bottle and attach a collection vessel.
- 2) Pour **hot** water into the empty Disk Holder.
- 3) **Flush the water waste pathway, solvent waste pathway, and Elute Check Valve using the Controller DRAIN function.**
- 4) Once a week flush the water waste pathway, solvent waste pathway, and Sample Collect Check Valve with Acetone for 10-15 seconds. It is imperative to follow the Acetone flush with a **hot** water flush for solvent waste, water waste, and sample collect (Refer to Tech Tip T72).
- 5) Remove the plug from the 5-gallon water waste plug assembly to vent system; run vacuum pump for 5 min.
- 6) Turn off Nitrogen gas supply.
- 7) Release the gas pressure from the solvent bottles by loosening one of the solvent bottle caps. Tighten cap after pressure is released.
- 8) Flush Water Inlet Valve under running water.
- 9) Turn off vacuum.
- 10) Turn off power supply.
- 11) **Remove disk holders, sample bottles and collection vessels from the instrument.**

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