



Summary of Start Up and Shut Down Procedures For the SPE-DEX[®] 4790

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) Set solvent waste vacuum gauge to -15 "Hg.
- 8) Turn on Nitrogen gas pressure and set to 60-80 psi.
- 9) Set Extractor gas pressure to 40 psi.
- 10) Set solvent bottle gas pressure to 15 psi.
- 11) Load empty Disk Holder.
- 12) Attach collection vessel.
- 13) Load empty sample bottle to Extractor.
- 14) Run purge method twice.

Shut Down Procedure

- 1) Remove the sample bottle.
- 2) Pour **hot** water into an empty Disk Holder and attach an empty collection vessel.
- 3) To clean check valve: Hold down ABORT key; press PURGE key; release once START/RUN light comes on.
- 4) To clean sample waste pathway: Use Method 15 to flush the sample waste pathway with about 200 mL of **hot** water.
- 5) Once a week flush the water 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 of the water waste pathway and sample collect.
- 6) Remove a cap from the 5-gallon water waste plug assembly to vent system; run vacuum pump for 5 min.
- 7) Turn off gas supply.
- 8) Release the gas pressure from the solvent bottles by loosening one of the solvent bottle caps. Tighten the cap after pressure is released.
- 9) Turn off vacuum.
- 10) Turn off power supply.
- 11) **Remove disk holders, sample bottles and collection vessels from the instrument.**