

Instrument Extreme Clean Procedure

If contamination is suspected, use this procedure to remove residual material from the Instrument Lines. This procedure is also recommended once a month to keep the Instrument clean.

Before cleaning the Instrument, the *Pressure Transducer* needs to be bypassed to avoid corrosion. See How to Guide 238 – Bypassing the Pressure Transducer (HG238) for instructions.

Note: The 4000 and other Instruments with a stainless steel Pressure Transducer do not require the Pressure Transducer to be bypassed.

Note: For 3X00 the various cleaning solutions should be placed on the Buffer Line, Inject Line, Sample Lines, and in the Particle Reservoir.

- Whenever a new solution is introduced, a **Buffer Change** procedure should be performed to put an air bubble between the solutions. Introducing a bubble to the *Buffer Line* reduces mixing of the new solution with the old.
- Click on the **Buffer Change** icon {  } and follow the directions provided.
- **Fill/Empty** {  } the *Injection Syringe* [2] times in order to prime the *Syringe* with each new solution.

Extreme Clean Procedure

1. Run [10] **Rinses** {  } with a bleach solution*. Wipe *Sample Lines* with the bleach solution.
2. Overnight, run [25] **Nightwashes** {  } with *KinExA® Cleaning Solution (2T7010)*.
Note: A full 250 mL bottle is needed.
3. Run [10] **Rinses** {  } with *Buffer* of choice.

- Be sure to replace or sterilize all containers touching instrument fluids, including the *Buffer Reservoir*, *Bead Vial*, etc.

* It is important to keep the bleach solution below 0.5% NaOCl (sodium hypochlorite). If using household bleach, (~5% NaOCl) a 10 fold dilution is adequate. If using concentrated sodium hypochlorite solution (~10-15% NaOCl) a 20-30 fold dilution should be used.