

GENERAL CLEANING PROCEDURE FOR ELECTRIC/HYDRAULIC MICROFLUIDIZER PROCESSORS

1. Using distilled water or water for injection, flush the unit via the priming valve with the process pressure control valve at the minimum setting.
2. Flush should continue until the distilled water or water for injection is free of product.
3. Close priming valve, increase pressure to 5kpsi and flush through the process piping, interaction chambers, and auxiliary process module. Flushing should continue until the distilled water or water for injection is free of product.
4. Using the appropriate cleaning solution, repeat steps 1-3.
5. From the tools and spares kit, install a plug in place of the process pressure gauge.
6. Remove the interaction chamber and install the chamber replacement tube or replacement module from the tools and spares kit.
7. Sonicate process pressure gauge, and Interaction chamber with the appropriate cleaning solution.
8. With the Interaction chamber replacement tube and or replacement module installed, begin flushing the unit as outlined in steps 1-4. The tube, in place of the interaction chamber, will allow for greater flow through the process piping and heat exchanger.
9. All external surfaces must be cleaned with the appropriate cleaning solution.
10. If shipping the unit, all hydraulic oil must be drained prior to shipping.

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