

LabTec Methadone Dispenser Cleaning & Maintenance

Cleaning the Pump Head:

Flushing the pump head with a **cleaning solution** and **distilled** water **before** shutdown is critical for long-term trouble free use of your LabTec or Clinitec Dispenser. Most clinics use an Alconox™ solution made with Alconox and distilled water. This powder is available from your regular lab supply provider or directly from the manufacturer at www.alconox.com. Be sure the Alconox is thoroughly dissolved (according to the instructions on the package) in the distilled water before flushing the pump. Alternatively, you can also use a 50:50 mixture of **distilled water** and **isopropyl alcohol** (IPA) for cleaning purposes. Steam-distilled water can be purchased in larger food stores.

NOTE: *Never use tap water for flushing, the water “hardness” associated with most tap water supplies will cause the pump head to “freeze”, i.e. the pump head becomes inoperable.*

For cleaning purposes, you must pump the cleaning solution through the pump for about **three to four minutes** or until the cleaning solution appears clear at the discharge port of the pump. If cleaning with Alconox or alcohol, a final 1-2 minute flush with distilled water is needed. Stop the pump and leave the distilled water in your pump head. Do not leave Alconox in your pump head over night. Do not remove the tubing from the distilled water reservoir until you are ready to prime the pump with Methadone the following day.

Do not leave Methadone in the pump head overnight! Preventive maintenance is very valuable and ensures a long operational pump life.

MAINTENANCE:

The LabTec or CliniTec Dispensing Pump should be shipped to SciLog once every 12-18 months for preventative maintenance that can not be done in the clinic. The head contains seals that must be replaced periodically. The pump head is disassembled, the piston polished, new seals installed, and the pump is recalibrated before returning it to the clinic. A Repair Report and a new Performance Validation is sent with the unit. SciLog has a loaner program to minimize your down time, and the purchase of a backup unit if you have multiple dispensing stations is encouraged.

NOTE: If the LabTec unit is not used frequently or is to be stored for an extended period of time, use the cleaning procedure outlined above then fill a 12” piece of tubing with distilled water and connect the tubing between the pump inlet and outlet. Turn the pump on for a brief period to ensure the pump head is filled with distilled water. If stored for more than 30 days, it is advisable to plug the LabTec in and run it for a couple of minutes in Manual Mode to keep the head wet. This simple procedure prevents the pump head from drying out and thus remains operable for a long time.