

How to Clean the Infutest

WARNING:

The cleaning procedure for the Infutest Series E is different from previous series of Infutest. Improper cleaning of the unit may result in damage which is not covered under warranty.

The following cleaning procedure should be performed on the Infutest once per month if the instrument is used with tap water, or once every three months if the Infutest is used exclusively with distilled water. These recommendations apply to instruments which remain set up and primed at all times. If the Infutest spends most of its time dry and in storage, cleaning should be conducted more frequently, ideally when the dry instrument is first primed during setup. Cleaning after a period of dry storage is the preferred method of "wetting" the fluid system prior to use.

In the event of accidental contamination with dextrose or TPN solution, the following procedure should be adequate provided cleaning is performed immediately following contamination. If cleaning does not appear to improve test results (i.e. flow measurements are persistently erratic, low or nonexistent), contact your dealer and/or Datrend Customer Service.

1. Make up about 200 ml of cleaning solution by mixing 100 ml of distilled water with 100 ml of "Sudsy Ammonia" household cleaner (e.g. AMEX brand by Colgate-Palmolive Inc.). If "Sudsy Ammonia" is not available in your area, add one-half teaspoon of liquid dish detergent to the 200 ml of ammonia and water solution.
2. Fill a disposable 60 ml syringe with the cleaning solution and discharge the syringe quickly into CHANNEL A at about 2 ml per second. Don't use the same syringe you use to prime the Infutest because the cleaning solution will remove the syringe's lubricant. Refill the syringe and inject CHANNEL B with the cleaning solution in the same manner.
3. Fill the syringe with 20 ml of cleaning solution and connect the syringe to CHANNEL A. Inject about 10 ml into the channel. Under no circumstances should you quickly draw solution back into the syringe as the excessive suction may damage the pressure sensors.
4. Repeat (step 3) for CHANNEL B.
5. Let the cleaning solution sit in the Infutest for about 10 to 15 minutes. DO NOT leave the cleaning solution in the Infutest any longer than 15 minutes as prolonged exposure to the solution may damage the neoprene seals of the internal valves.
6. Rinse the fluid channel thoroughly with distilled water to remove all ammonia from the fluid system.
7. If the fluid system has been contaminated with a sticky liquid (e.g. D5W, D25W, TPN solution, etc.), you may need to perform this procedure using undiluted Sudsy Ammonia to clean the flow sensors. In this case, DO NOT leave ammonia in the Infutest for more than 10 minutes, and be sure to thoroughly flush the instrument with distilled water afterwards.