

SH800 Cell Sorter

Long term shutdown (4 weeks or greater)

1. Power up the instrument and the SH800 Software
2. At the software log-in screen, select the ‘Maintenance’ tab in the bottom right corner. For SH800Z and SH800S models select “Ethanol Cleaning of All Lines.”

NOTE: For SH800Z models *without* the “Ethanol Cleaning of All Lines” option- follow the manual cleaning procedure using sterile DI water instead of 70% ethanol

3. Proceed with the wizard to fill the system with 70% ethanol and select the 60-min soaking option.
4. At the rinse step of the wizard, when the software says to fill the sheath tank with PBS, use 3L of **sterile DI water** instead. This way the lines will be filled with DI water for long term storage.
5. Once the cleaning finishes, power down the system and the workstation. Empty the Waste and Sheath tanks on the fluidics cart and the DI water bottle behind the left side door.

Starting Up After Long Term Shutdown

1. Power up the instrument and the SH800 Software
2. At the software log-in screen, select the ‘Maintenance’ tab in the bottom right corner. For SH800Z and SH800S models select “Ethanol Cleaning of All Lines.”

NOTE: For SH800Z models *without* the “Ethanol Cleaning of All Lines” option- follow the manual cleaning procedure.

3. Fill the sheath tank with 3L of sterile water, and the DI water tank with 500mL of DI water
4. Click ‘Ethanol Cleaning of All Lines’ in Maintenance tab at the bottom right corner of the log in screen and proceed with the cleaning wizard.
5. Allow the system to soak overnight with ethanol. At the end of the cleaning cycle, fill sheath tank with fresh sheath fluid when prompted and thoroughly de-bubble the filters.
6. Start system setup and calibrate the system using sorting chip.

Note - If the stream is unstable, run another ‘Ethanol Cleaning of All Lines’ in Maintenance tab at the bottom right corner of the log in screen cleaning and allow run ethanol cleaning again allowing it to soak the lines for 3-4 hours.