

CARE Solution for ABI 3730xl Analyzer

User's Protocol

Materials & Reagents

1. CARE solution 30 ml
2. POP-7 Polymer
3. 1X CE Buffer with EDTA
4. Milli-Q Water
5. ABI 3730xl DNA Analyzer

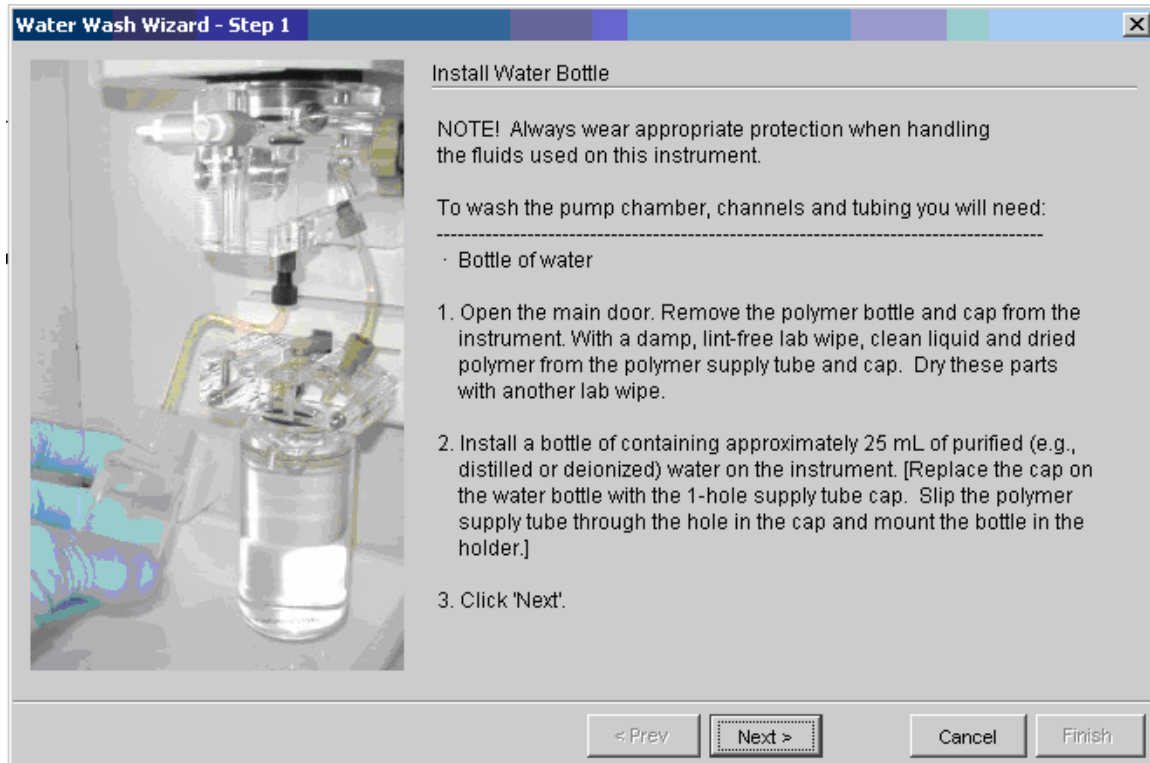
EH&S

Customers performing this procedure must wear a lab coat and gloves. In situation were there might be a chance of an accidental splash to the eyes, safety glasses must be worn.

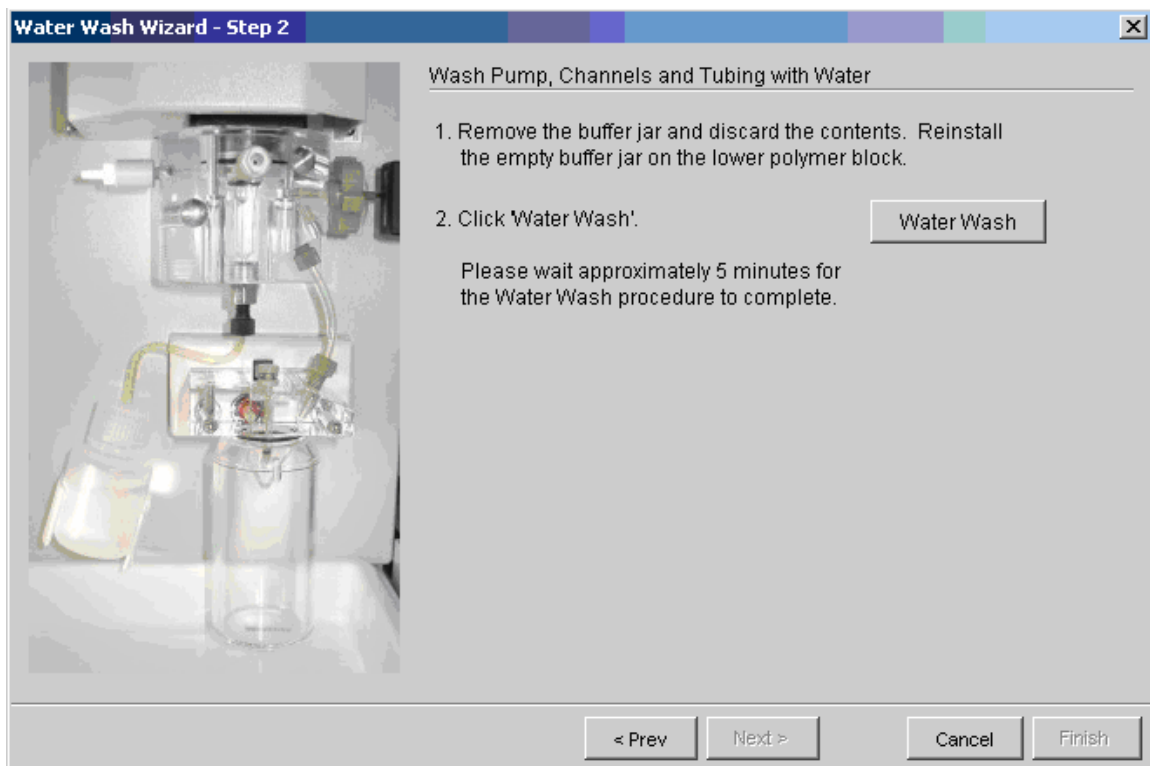
Procedures

1. Start the Water Wash Wizard by following all the instructions from 3730XI user Manual
2. Perform the Water Wash
3. Replace the polymer bottle currently in use with the bottle now filled with CARE solution. Do not discard the currently installed polymer bottle, as it will be replaced at the completion of the water wash.
4. Important! Always wear gloves when handling POP-7 and CARE solution!
5. Remove the buffer bottle from the lower block and replace it with an empty bottle. This will collect the CARE solution from the water wash.
6. Select to run the Water Wash Wizard from the dropdown toolbar on the top of the Unified Data Collection interface and follow all instructions (this will take approximately five minutes).

Step 1: Click **Next** in Water Wash Wizard




Step 2: Click **Water Wash** in Water Wash Wizard



Step 3: Select *Different lot of polymer* in Water Wash Wizard with CARE solution still in the polymer position

Water Wash Wizard - Step 3




Select Polymer Lot Type

1. Is the polymer lot to be installed the same or different from the lot removed from the instrument?
 Same Lot
 Different Lot
2. Click 'Next'.

< Prev Next > Cancel Finish

Step 4: Enter the information as below

Water Wash Wizard - Step 4

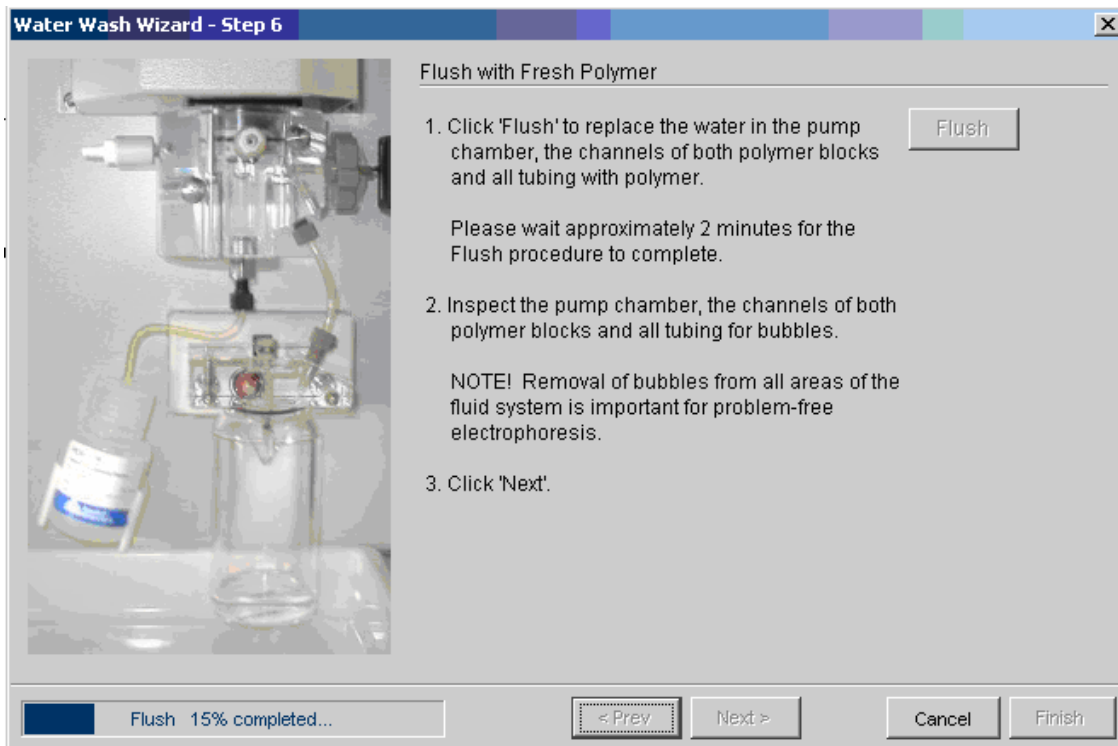


Enter Polymer Information

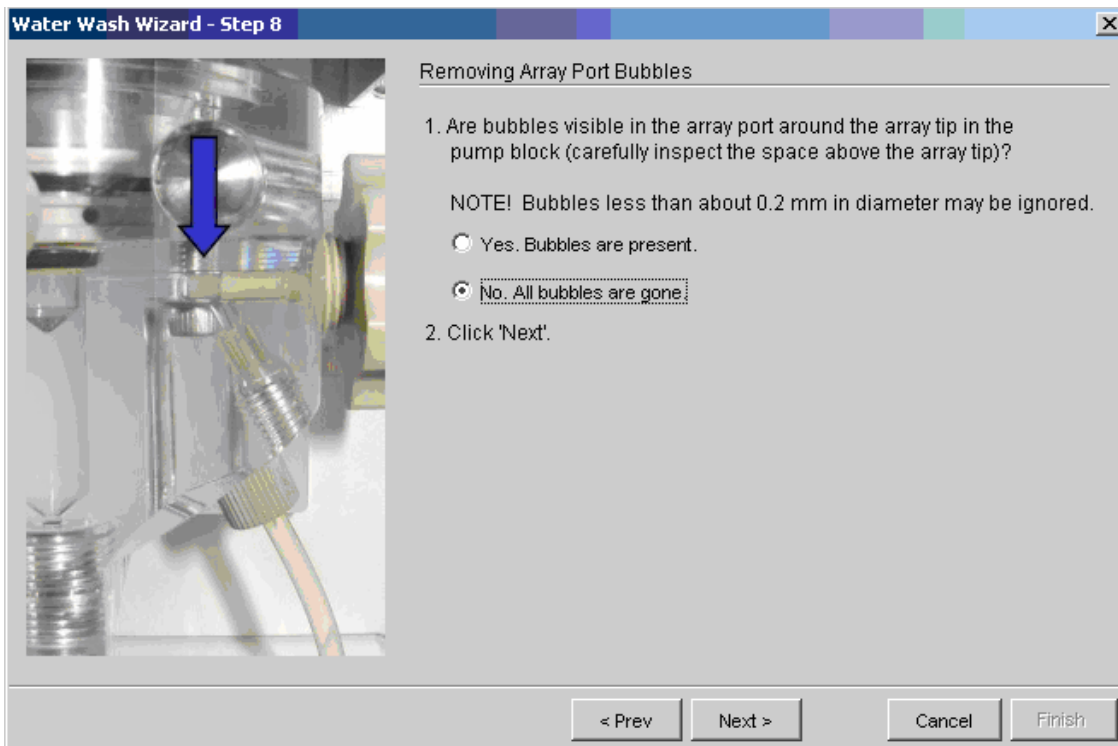
1. Enter the polymer lot information:
Polymer Type:
POP7
Polymer lot number:
care
Polymer expiration date (mm/dd/yy or ddMMMy):
02apr2008
2. Click Next.

< Prev Next > Cancel Finish

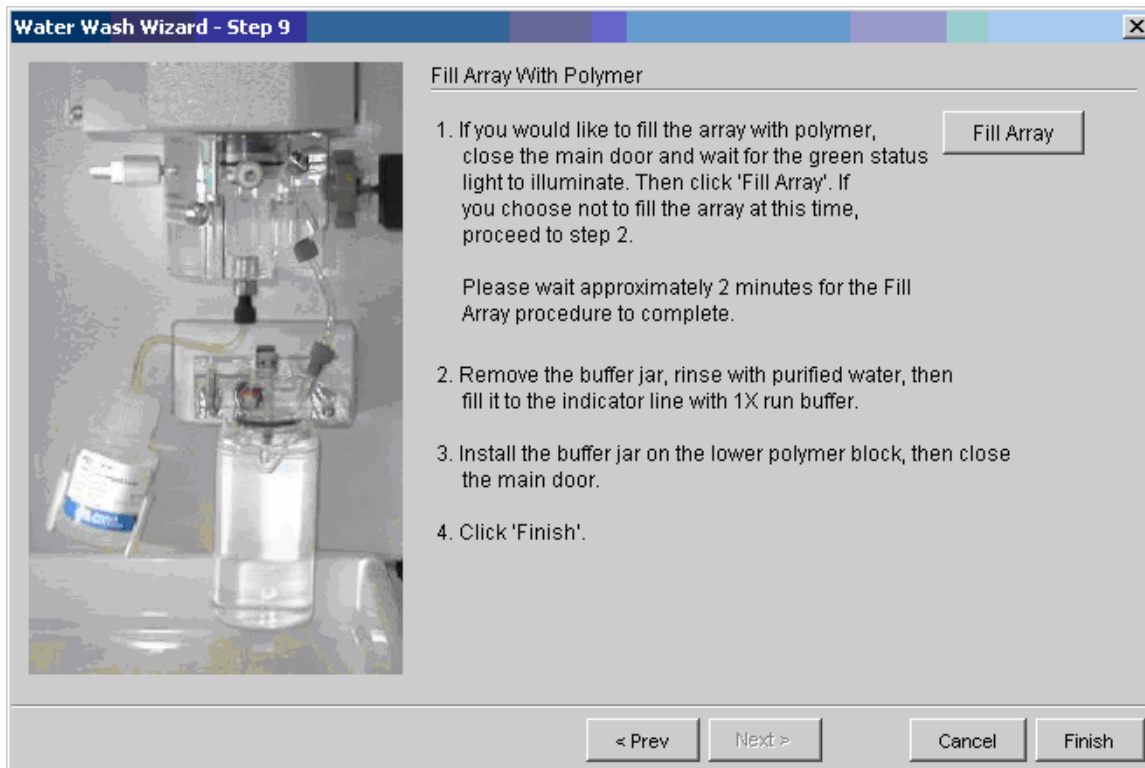
Step 5: Click *Flush* to wash the pump chamber, the channels of both polymer blocks and all the tubings with CARE solution.



Step 6 & 7: Select *No. All bubble are gone* and then click *Next*.



Step 8: Click **Fill Array** to wash the array with CARE solution. Due to lower viscosity of the CARE solution, the error leak message may occur. Just click **Finish**.



NOTES: The Water Wash can be run twice with CARE solution to completely wash the inner surfaces that the old polymer and sample contacted. The new POP7 can be installed right away by running the “change polymer wizard” .