

Flow cell, Tubing, and Cuvette cleaning

Sample tubing

It is recommended that tubing be replaced at monthly intervals or sooner if the tubing is kinked or if there is any indication of contamination.

The flowcell and the cell inlet tubing should be kept very clean and washed out with laboratory grade purified water after every analysis and at shutdown.

Flow cell

The flowcell should be washed after each analysis with laboratory grade purified water and left filled with laboratory grade purified water at shutdown.

It is recommended that at least once a week, the flowcell is removed and filled with a solution of Decon™ detergent (or equivalent), diluted to the manufacturer's instructions.

This is particularly important if using biological materials. These may adhere onto the cell inside walls with prolonged use and cause problems with bubbles. Reconnect and flush with laboratory grade purified water before further use

Cuvette Cleaning

Solvents	Examples	Suggested Cleaning Methods
Organic	Acidic solutions	<ul style="list-style-type: none">• Rinse with organic solvent• Warm water with detergent• Dilute nitric acid (<10%) rinse• Copious water rinse
Organic	Hydrocarbons, small molecules, oils	<ul style="list-style-type: none">• Rinse with organic solvent• Warm water with detergent• Dilute nitric acid (<10%) rinse• Copious water rinse