

Every 2 months maintenance

Cleaning the dilution tray cuvettes

Materials required:

- 2-liter beaker
- Probe Wash 3 solution (REF 03164495, PN B01-4183-01)
- Deionized water

Time: 15 minutes (replacement)

10 hours (immersion)

Analyzer mode: Off



BIOHAZARD

Wear personal protective equipment.
Use universal precautions.

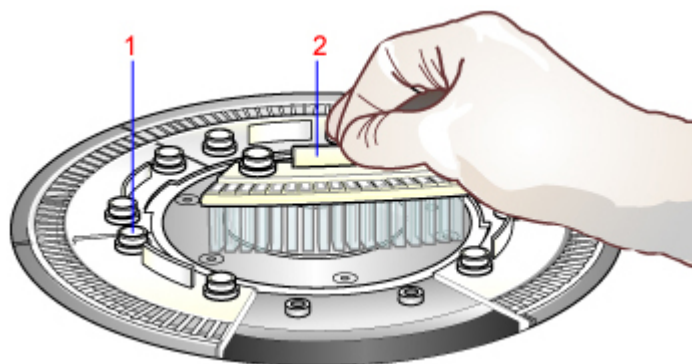


Figure 5-19. Components of dilution tray cuvette

1. Prepare 1.5 liters of 5% Probe Wash 3 solution diluted with deionized water.
2. Remove the 6 cuvette segments on the dilution tray (DTT).
 - a. Unfasten the 2 thumbscrews (1) on each section.
 - b. Grasp the cuvette section by the tab (2) and lift it from the tray.
 - c. To remove the cuvettes under the dilution washer (DWUD) and splash cover, turn the tray by hand until the cuvettes are clear.
3. Immerse the cuvette segments in 5% Probe Wash 3 solution.
 - a. Ensure no air bubbles are in the cuvettes.
 - b. Allow the cuvettes to soak for at least 10 hours.
4. Wash the cuvettes under running water, then rinse them in deionized water.
5. Drain the water from the cuvettes.
6. Install the cuvette segments on the dilution tray (DTT) and fasten the thumbscrews by hand.
7. At the Operation Panel, select **Initialize**.

NOTE

Verify that the Operating mode field displays **READY** before performing any further actions.

8. At the Operation Panel, select **WASH**.
9. Perform the daily shutdown wash routine, then verify the operation.

Cleaning and replenishing the cuvette conditioner bottle

Materials required:

- Deionized water
- Cuvette conditioner

Time: 10 minutes

Analyzer mode: **READY**



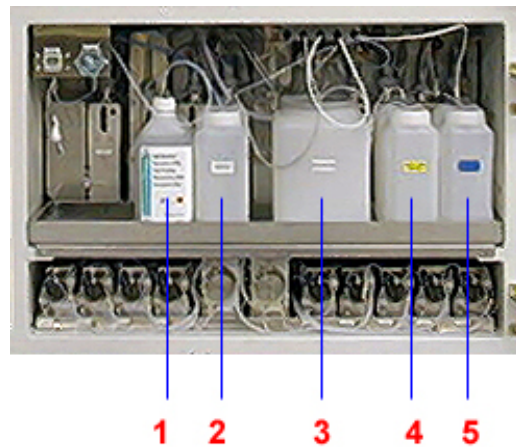
BIOHAZARD

Wear personal protective equipment.

Use universal precautions.

NOTE

The cuvette conditioner bottle may be cleaned when it is refilled, but must be cleaned at least once every 2 months.



- 1 ISE buffer bottle
- 2 RRV (Reaction) bath oil
- 3 Isotonic saline diluent bottle
- 4 Cuvette detergent bottle
- 5 Cell conditioner bottle

Figure 5-20. Cuvette conditioner bottle

1. Open the filter cap at the front of the cuvette conditioner bottle (5), and pull up the tube with the filter.
2. Disconnect the cuvette conditioner bottle level sensor connector.
3. Turn the connector counter-clockwise and pull it out.
4. Remove the bottle.



CAUTION

Make a note of the bottle position on the shelf, to avoid mixing up the fluid bottles.

5. Empty any remaining contents of the bottle.
6. Rinse the bottle with deionized water and drain well.



CAUTION

Ensure that the level-sensor connector does not get wet to avoid damaging it.

7. Refill the bottle with cuvette conditioner.
8. Return the bottle to the same position on the shelf in the cabinet.
9. Connect the cuvette-conditioner bottle level sensor connector, then push the connector in and turn clockwise.
10. Insert the filter and hose, then fasten the cap.

NOTE

Make sure that the filter holder is located at the bottom of the bottle.

11. Prime the fluid lines:

NOTE

If you are cleaning other bottles, wait to perform this step for all fluid lines.

- a. At the Operation Panel, select **Prime**.
- b. At the Prime Settings dialog box, select **Prime 2** and type **10** for the Number of times in all fields.
- c. Select **Execute**.