

AU680 Monthly Maintenance

| Step | Action |
|------|--|
| 1 | Perform the Clean the Sample Probe, Reagent Probe, HbA1c, and Mix Bar Wash Wells procedure |
| 2 | Perform the Clean the Wash Nozzle Component, Inspect the Tube Mounting Joints, Clean the Deionized Water Tank, and Clean the Deionized Water and Sample Probe Filters procedure |

For Training Purposes Only

These job aids are shortened versions of the procedures found in the source below. The procedures are listed in the order to perform in the most efficient manner. Where it is possible, procedures have been combined for efficiency. Information in the job aid is correct as of the date published. Verify you have the correct information.

Source: AU680 Chemistry Analyzer Instructions for Use B04779AB (June 2015)

AU680 Chemistry Analyzer

WARNINGS AND PRECAUTIONS

Read all product manuals and consult with Beckman Coulter-trained personnel before attempting to operate the instrument.

Beckman Coulter, Inc. urges its customers and employees to comply with all national health and safety standards such as the use of barrier protection. This may include, but is not limited to, protective eyewear, gloves, suitable laboratory attire when operating or maintaining this or any other automated laboratory equipment.

INTENTION FOR USE

This document is not intended to replace the information in your Instructions for Use or Reference Manual. Information in the Instructions for Use and Reference Manual supersedes information in any other manual.

REVISION STATUS

Version 1.0 (September 2016)

Based on:

- AU680 Chemistry Analyzer Software version 4.0
 - AU680 Chemistry Analyzer Instructions for Use B04779AB
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TRADEMARKS

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Clean the Sample Probe, Reagent Probe, HbA1c, and Mix Bar Wash Wells

- Supplies Required:**
- Cotton-tipped applicators
 - Disposable transfer pipette
 - 0.5% sodium hypochlorite solution (5% Sodium Hypochlorite Solution diluted 1:10)

Confirm the system is in *Warm Up* or *Standby* mode.
Lift the upper cover of the analyzer

Select **Home > Analyzer Maintenance**.
Place a ✓ in the **Analyzer Maintenance** check box

Select **Cleaning Wash Tank**, select **OK**

Press the green **TABLE ROTATION/DIAG** button to move the probes away from the wash wells. Manually turn the mix bar components so the mix bars are away from the wash wells

Use a transfer pipette to dispense diluted sodium hypochlorite solution into each wash well. Use a separate cotton-tipped applicator to clean each wash well. Avoid splashing and clean up spills immediately

Press the green **TABLE ROTATION/DIAG** button to move the probes to the wash wells. Manually turn the mix bar components so the mix bars are over the wash wells

Select **Prime Washing-line**, select **OK** (leave default primes).
Press the green **TABLE ROTATION/DIAG** button to prime the probes and wash wells. Inspect the Sample Probe, Reagent Probe, and HbA1c wash wells for proper drainage

Select **Replacing Mixing Bar**. Make the following selections:

- At **Unit**, select **The First Mixer**
- At **Times**, enter 1, select **OK**

Press the green **TABLE ROTATION/DIAG** button to initialize the R1/S mix bar component and perform a sequence. Inspect the wash wells for proper drainage

Select **Replacing Mixing Bar**. Make the following selections:

- At **Unit**, select **The Second Mixer**
- At **Times**, enter 1, select **OK**

Press the green **TABLE ROTATION/DIAG** button to initialize the R2 mix bar component and perform a sequence. Inspect the wash wells for proper drainage

Are wash wells draining properly?

Yes
Deselect the **Analyzer Maintenance** check box.
Close the upper cover

No
Repeat cleaning of wash wells for the component that is not draining

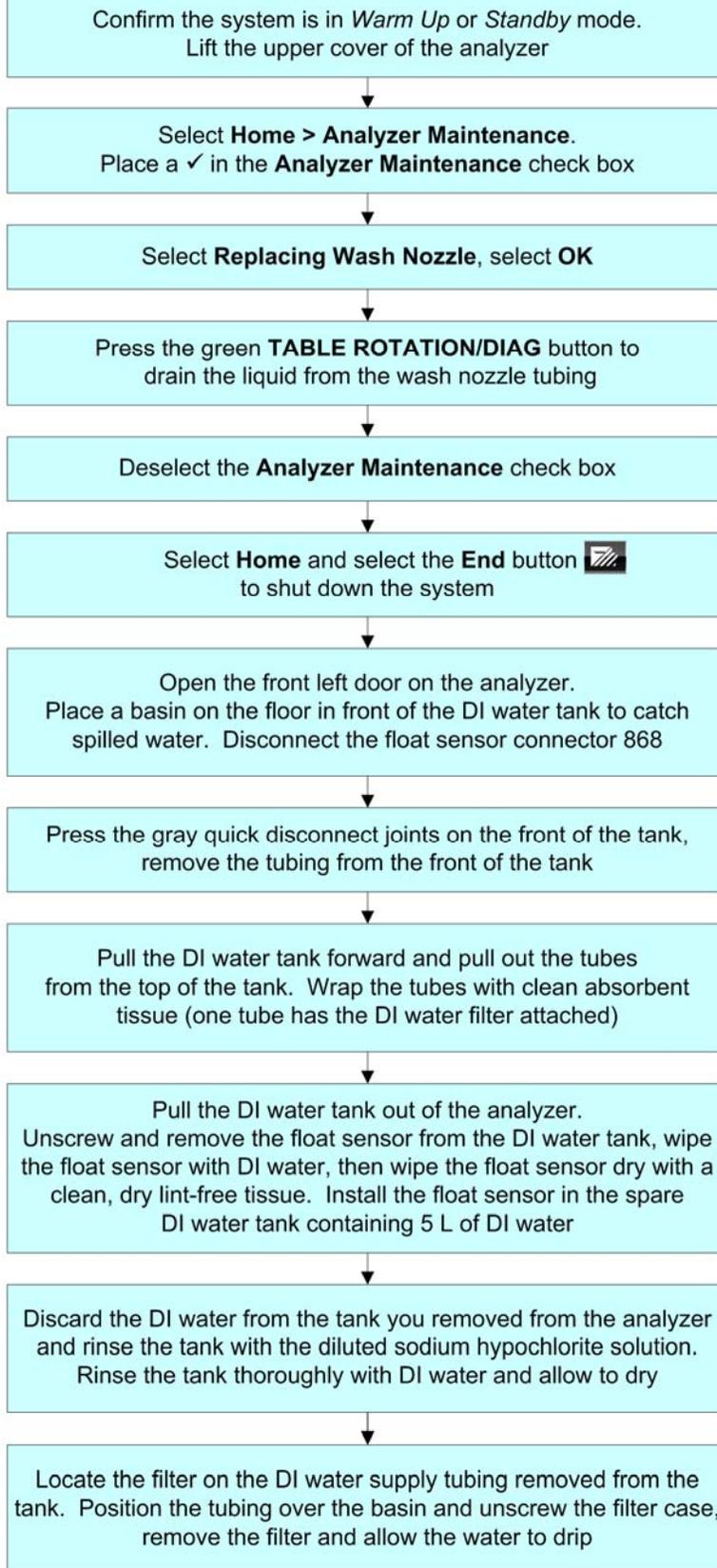
Document you completed the procedures on the paper maintenance log

Clean the Wash Nozzle Component, Inspect the Tube Mounting Joints, Clean the Deionized Water Tank, and Clean the Deionized Water and Sample Probe Filters

Supplies Required:

- Clean, dry, lint-free absorbent tissue
- Basin
- 1% sodium hypochlorite solution (5% Sodium Hypochlorite Solution diluted 1:5)
- Extra DI water tank filled with 5 L of DI water
- Sonicator filled with DI water

Note: A sonicator is recommended for cleaning the nozzles but if one is not available, clean the nozzles with the supplied stylet and DI water

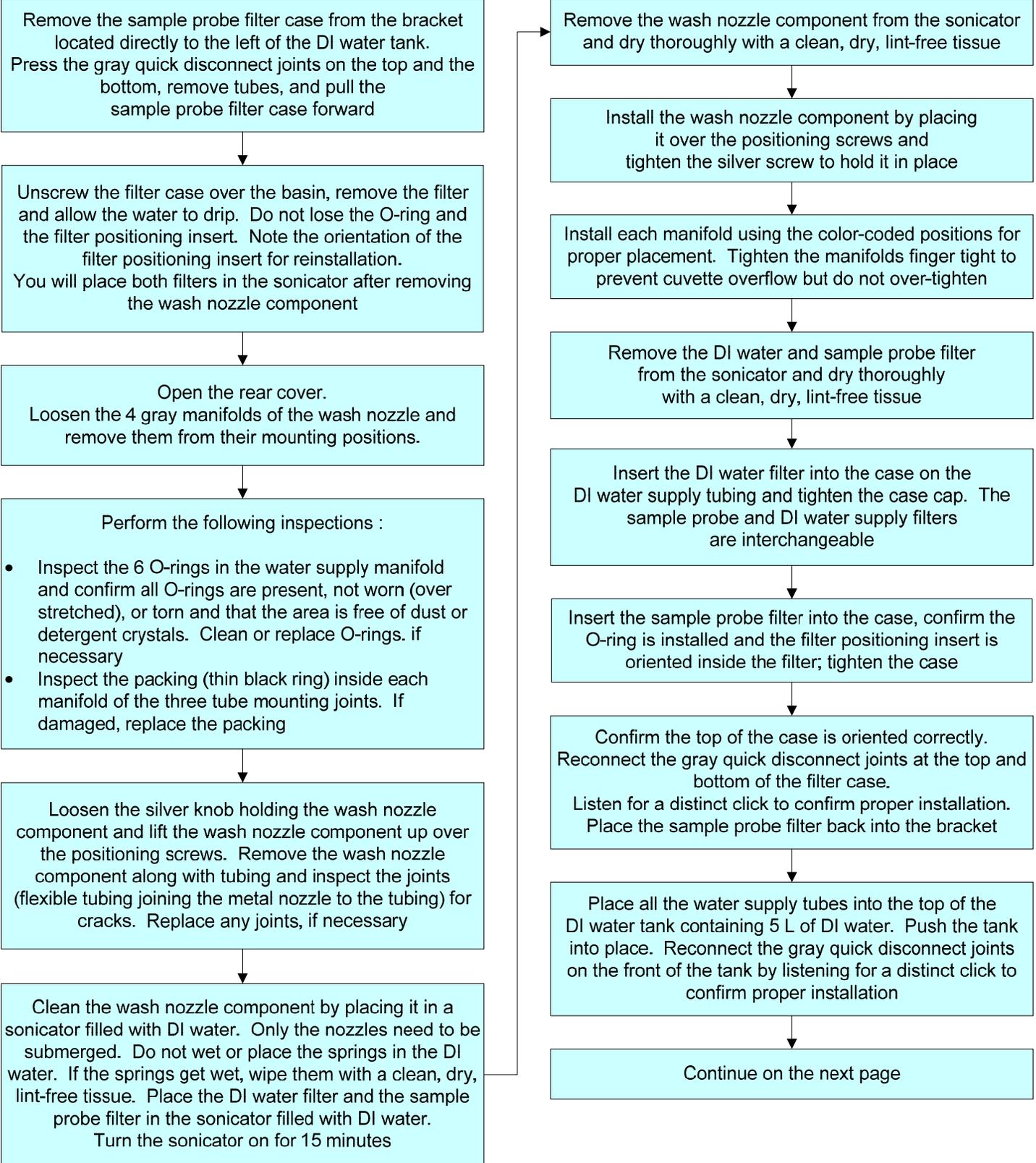


Always drain the fluid from the wash nozzle before removing the tubing to avoid spills in the cuvette wheel

Be sure to remove the float sensor connector to prevent water from pouring out of the DI water tubing

Clean the Wash Nozzle Component, Inspect the Tube Mounting Joints, Clean the Deionized Water Tank, and Clean the Deionized Water and Sample Probe Filters,

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Clean the Wash Nozzle Component, Inspect the Tube Mounting Joints, Clean the Deionized Water Tank, and Clean the Deionized Water and Sample Probe Filters,
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