

Technical Tip 11

AIMS[®] System

Subject: System Liquid Filter Maintenance for AIMS[®] System

Enhanced Maintenance Item: The four AIMS[®] System Liquid Filters need to be replaced **every 3 months**. Previously they were changed **every 6 months** by your Field Service Engineer during a routine Preventive Maintenance visit. Although they will continue to be changed at that time, you should perform System Liquid Filter replacement at 3 month intervals. This is a simple procedure and the filters are available for order from your distributor.

AIMS[®] System Liquid Filter
Product Number: AIMSFILTC
Configuration: Four Per Package
Quantity Needed For Replacement: One Package



Figure 1: System Liquid Inlet Filter (one)

By performing this maintenance you will ensure optimal flushing of the instrument tubing and will minimize the potential for blocked or clogged filters. In order to determine when the filters should be changed, the service history should be checked for the date of the last PM, then change 3 months after that date. Below are the procedure steps to follow when replacing the liquid filters:

Note: All four filters should be replaced at the same time.

1. Remove the two blue AIMS® System Liquid Containers from the base.



Figure 2: System Liquid Container and Base

2. Remove each Filter Holder by gently lifting the Filter Holder Handle from each Filter Port on the base.

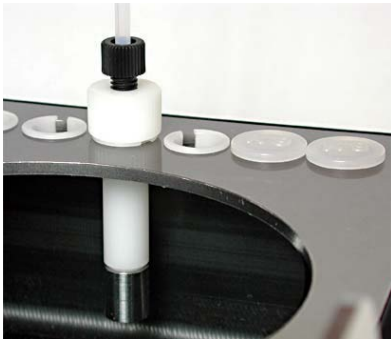


Figure 3: Filter Holder in Filter Port on Base

3. Unscrew the System Liquid Filter from the Filter Holder.



Figure 4: System Liquid Filter detached from Filter Holder

4. Replace with new System Liquid Filter.
 - a. Note: Be sure to make the connection between the System Liquid Filter and the Filter Holder as tight as possible. Proceed to change the remaining filters as described in Steps 2 through 4.



Figure 5: System Liquid Filter properly connected to the Filter Holder.

5. Return all four lines back to the base of the System Liquid Containers by inserting each Filter Holder into each Filter Port.



Figure 6: System Liquid Container and Base.

In addition to changing the AIMS® System Liquid Filters **every 3 months**, you should inspect them weekly for debris. This can be done at the same time that the System Fluid Containers / Reservoirs and Bottles are emptied and rinsed, as noted on the current AIMS® System Maintenance Log. Should debris be observed, remove the System Liquid Filter (as described above) and flush with distilled water, either using a syringe or hold under a tap. Then reinstall. In the meantime, please make this part of the routine maintenance procedure.