DSD EDGE™
Automated Endoscope Reprocessor

Replacement and Disinfection of Internal Water Filter
DSD EDGE™ Automated Endoscope Reprocessor Instructions
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Tools Required
• Filter Wrench (supplied with DSD EDGE™ Automated Endoscope Reprocessor)

Parts Required
• MF01-0013: 0.2 micron Filter Cartridge (user supplied)
• DSD-1064: Accessory Tube (supplied with DSD EDGE Endoscope Reprocessor)

Replace the Internal Water Filter

CAUTION: The internal water filter MUST be high-level disinfected or sterilized with high-level disinfectant/sterilant before use.

1. The DSD EDGE Endoscope Reprocessor must be in the idle state. Connect the restrictors (see note) into “A” and “B” basin. Place the floating lids onto the endoscope basins and close the station covers.

NOTE: Ensure the restrictor adapter provided with the installation kit is connected in the basin before performing this procedure.

2. Close the incoming water supply valve external to the DSD EDGE Endoscope Reprocessor.

Figure 1

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3. To release the pressure on the water lines and canister:
   a. Press SETUP, 43, ENTER. This will open the incoming water supply valve.
   b. Direct the filter bleed tube into a container that holds a minimum of 1 liter of liquid.
   c. Open the filter bleed valve, located at the top of the 0.2 micron filter housing, to release the pressure.
   d. Close the filter bleed valve.
   e. Press the STOP button to close the incoming water supply valve and then press the STOP button again to exit the SETUP menu.
4. Disconnect the main water inlet tube quick disconnect from the incoming water supply line (Figure 1).
5. Connect the accessory hose to the water inlet tube.
6. Open the filter bleeder valve and drain the water out of the filter canister.
7. Unscrew the internal water filter canister housing using the filter wrench supplied with the DSD EDGE™ Endoscope Reprocessor, and remove in order to expose the water filter.
8. Turn the water filter ½-inch towards the left to unlock the filter; then pull the filter downwards to release the filter.
9. Place the new filter into the filter housing by pushing the filter upwards into the canister cap. Turn the water filter towards the right until the filter locks into the cap. Double-check filter installation by pulling down on the filter cartridge to ensure that it is locked in place (Figures 2 and 3).
10. Wipe the filter canister clean with a lint-free cloth. Do not remove silicon grease from the housing O-ring.
11. Re-attach the filter canister ensuring that the O-ring is in place.
12. Hand-tighten (do not use the filter wrench).
13. Reconnect the main water inlet tube (Figure 1).
14. Ensure the filter bleeder valve is closed.
15. Turn water supply back on.
Disinfection of the Internal Water Filter and Water Lines

NOTE: Waterline disinfection must be completed every time the 0.2 micron water filter is replaced, every 6 months.

1. Ensure water is ON and restrictors are in BOTH the A and B basins.
2. Close lids.
3. Press SETUP, 6, and ENTER.
4. The DSD screen prompt will show “AUTO LINE DIS”; press START.
5. Screen prompt will show ATTACH RESTRICTOR; press START (again).
6. The water line disinfection process will begin:
   a. The DSD EDGE™ Endoscope Reprocessor will mix one dose of RAPICIDE™ PA Disinfectant with water in the “B” basin and pump it into the 0.2 micron water filter as well.
   b. The contact time of 5 minutes will begin.
   c. Next, the RAPICIDE PA Disinfectant will be pumped from the “B” basin and 0.2 micron filter through the “A” side water lines to the “A” basin.
   d. Once the fluid, enters the “A” side basin, the pumping will cease, and the contact time of 1.5 hours will begin.
   e. After the 1.5-hour contact time, the DSD EDGE Endoscope Reprocessor will fill the “A” side basin with RAPICIDE PA Disinfectant and will soak for 5 minutes.
   f. At the conclusion, two rinses will be performed.
7. Once the water line disinfection is completed, the user must purge the collected air trapped in the 0.2 micron filter. This is done by:
   a. Press SETUP, 43, ENTER. This will open the incoming water supply valve in order for water to flow into the 0.2 water filter, pushing the air out.
   b. Direct the filter bleed tube into a container that holds a minimum of 1 liter of liquid.
   C. Open the filter bleed valve, located at the top of the 0.2 micron filter housing, until the air is purged from the filter housing and a steady stream of water flows from the purge line.
   d. Close the filter bleed valve. Tap the filter bleed tube to promote the draining of the residual water within the tube.
   e. Press the STOP button to close the incoming water supply valve and then press the STOP button again to exit the SETUP menu.

If you have any questions or need further assistance please call Customer Service Support at 1.800.444.4729.