

BD LSRFortessa™ X-20 SOP

SYSTEM STARTUP

1. Fill the sheath tank to the weld line and verify the following:
 - Tank lid is properly sealed.
 - Tubing is not kinked.
2. Empty the waste tank and verify the following.
 - Tank contains sufficient bleach.
 - Tubing is not kinked.
 - Waste tank is not pressurizing, if so, replace the air filter.
3. Purge air bubbles from the sheath filter and sheath line if necessary.

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SYSTEM SHUTDOWN

1. Install a 12 x 75 mm tube containing 3 ml of BD FACSClean (bleach solution) or 10% bleach in DI on the SIP.
2. Leave the support arm to the side for 1 minute; make sure the cytometer is in RUN, set on HI.
3. Place the support arm under the tube for 5 minutes.
4. Repeat steps 1 through 3 using BD FACSRinse solution (optional).
5. Repeat steps 1 through 3 using DI water.
6. Leave a tube containing 1 ml of DI water on the SIP with the support arm under the tube.
7. Set the cytometer to standby; turn off cytometer, exit FACS Diva and shut down the workstation.

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SYSTEM MAINTENANCE

(performed by Flow Cyt Lab technician or designated alternate)

WEEKLY– Repeat system shutdown procedure to lower CVs, result of dirty flow cell.

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