

# SOP-E017

## Upgraded MoFlo XDP Sorter Daily Shutdown Procedure

**Purpose:** to properly shutdown the XDP sorter at the end of the day

**Procedure:**

In general, power to the XDP system and aXcess Control Panel should remain on

1. Turn off lasers: **488** and **561** (underneath the optical bench)
  - a. Turn off the keys
  - b. Turn off power switches located on the back in the middle at the top of the power supplies.
2. Turn off lasers: **UV**
  - a. Turn off the key, then the power switch located on the front of the power supply.
3. Turn off lasers: **640 and 405**
  - a. Turn off the power switches located on the cables on the optical table.
4. If in sort mode: On the Stream Configuration Screen, turn off the Drop Drive, Deflection Plates(HV), and Stream Illumination.
5. Place a tube of 10% bleach on the SmartSampler and run it for 3-5 minutes.
6. Place a tube of Coulter Clenz on the SmartSampler and run for 3-5minutes.
7. Place a tube of DI water on the SmartSampler for 5minutes.
8. Place another tube of DI water on the SmartSampler.
9. Press the Stop Fluidics button (on SmartSampler red button shaped like a droplet), to shutdown fluidics.
10. Close the **red** (vacuum)and **blue** (pressure) switches located on the pressure console, to stop pressure and vacuum.
11. Turn off the aXcess control panel monitor ( button on the side of the monitor) .
12. Turn off Jun-Air compressor (main power switch on front, red).
13. Turn off the vacuum pump by unplugging the cables (with the green tape).
14. Loosen the vent valve on the sheath tank to de-pressurize the system (**NOTE: turn only one whole turn, otherwise you will liberate the compressed spring and ball bearing.....good luck finding them!!!!**)

-----  
**Created by:** Kathy Ragheb, September 9, 2015

**Atoned by:**

**Verified by:** \_\_\_\_\_ **Date:** \_\_\_\_\_  
Print Name Sign Name