

Fluoview 1000S Start-up Procedure

- 1) Remove the dust covers carefully, fold them and set them aside.
- 2) Sign-in on the log.
- 3) Turn-on the computer and power to the monitor.
- 4) The Prior stage should be on. If not, turn it on.
- 5) Switch-on the power to the microscope **(A)**.
- 6) Turn on the power to the scanhead in two parts **(B)**
 - a. First turn key to "ON"
 - b. Second press the power Switch to ON
- 7) Power on the Lumencor Sola using the switch on the back of the unit **(C)**
 - Press the foot pedal under the microscope to turn on the light source as needed
- 8) Turn on the Lasers
 - a. Argon Laser **(D)**
 - i. Switch-on the small black on/off switch to the laser.
 - ii. Turn the key to "ON" to engage the laser.
 - b. 559 nm laser **(E)**
 - i. Switch-on the black on/off switch to the laser.
 - ii. **Wait** until the PL and Temp lights are steady on (i.e. not blinking)
 - iii. Turn the key to "ON" to engage the laser
 - c. Diode Laser Combiner **(F)**
 - i. Switch-on
- 9) Sign-in Windows
 - a. User: microscopy-user
 - b. Password: m1cr0sc0py
- 10) Select the Microscopy-Nas1 shortcut
 - a. Login: **ADSusername**
 - b. Password: your ADS password
 - c. DO NOT SAVE YOUR CREDENTIALS
- 11) Double-click on the FLV10-ASW Fluoview icon to start the confocal software.
- 12) Enter your user name and password

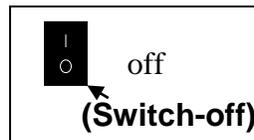
Fluoview User Change Procedure

- 1) Confirm that somebody has signed-up for the system later in the day (if not, shut down the system)
- 2) Close the Fluoview Software
- 3) Move your files to microscopy-nas1
- 4) Logoff or restart the computer
- 5) Carefully remove your sample
- 6) Blot the oil from any oil-objective used with lens paper
- 7) Check that you did not get oil on the 10x or 20x objectives.
- 8) Rotate the 10x objective into position
- 9) Make shut you press the foot switch to put the Lumencor Sola in stand-by
- 10) Sign-off on the paper log
 - a. Record the time you finished
 - a. Record other system comments
- 11) Adjust your usage within online system.

Fluoview Shut-down Procedure

- 1) Check that nobody has signed-up later in the day
- 2) Begin to shut-down the Argon laser **(D)** using by turning the key to the “OFF” position
 - a. Do not switch the black on/off switch to off until the air from the fan is cool. ~~X~~
- 3) Close the Fluoview Software
- 4) Move your files to microscopy-nas1
- 5) Shutdown the computer
- 6) Turn off the monitor
- 7) Carefully remove your sample
- 8) Blot the oil from any oil-objective used with lens paper
- 9) Check that you did not get oil on the 10x or 20x objectives.
- 10) Rotate the 10x objective into position
- 11) Switch-off the Diode Laser Combiner **(F)**
- 12) Turn off the 559 nm laser **(E)**
 - a. Turn the key to “OFF”
 - b. Switch-off
- 13) the Lumencor Sola using the switch on the back of the unit **(C)**
- 14) Turn-off the scanhead **(B)**
 - a. Switch-off
 - b. Turn key to “OFF”
- 15) Switch-off the microscope controller **(A)**.
- 16) Check the Argon laser’s fan **(D)**

Once the air from the fan is cool, switch-off.
- 17) Logout on the paper log
 - a. Record the time you finished
 - b. Record other system comments
- 13) Cover the microscope with the dust covers
- 14) Adjust your online reservation end-time if you finished early or late.



Double check

- a. Look for glowing LEDs. Are **A-F** off?
- b. Is the area clean?
- c. Is the system covered