

## Fluoview 1000MPE Start-up

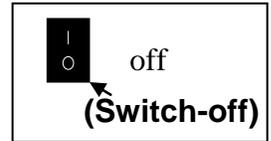
- 1) Sign-in on the log.
- 2) Check the log. Make sure the burner has been off for 30 minutes.
- 3) Remove dust covers carefully, fold them and set on the shelf.
- 4) Left Hand Wall Start-up
  - A. Switch-on the power to the mercury burner
  - B. Switch-on the power to switch to the 559 laser  
(DO NOT TURN the key)
  - C. Switch-on the power to switch to the 473/635 Laser Combiner
  - D. Switch-on the power to switch to the motorized stage
  - E. Switch-on the power to switch to the FV10MP AOM
  - F. Turn on the silver Key for the 559 laser once the Temp light is a steady green
- 2) Under the Air Table Start-up – Left-Side
  - G. Switch-on the power to the
  - H. Turn the key
  - I. Turn on the black Switch
- 3) Under the Air Table Start-up - Right-Side
  - J. Press the Power button to turn On
- 4) At the Fluoview Computer Station
  - a) Turn on the Computer Monitors
  - b) Log-on to Windows XP
    - i) User: microscopy-user
    - ii) Password: m1cr0sc0py
  - c) Select the Microscopy-Nas-1 shortcut
    - i) Login:ADS\username
    - ii) Password: your ADS password
    - iii) DO NOT SAVE YOUR CREDENTIALS
  - d) Start (double-click) the Fluoview 1000 Software (FV10-ASW)
  - e) Enter your user name and password

### **Fluoview User Change Procedure**

- 1) Confirm that somebody has signed-up for the system within the next hour.
- 2) Close the Fluoview Software
- 3) Close the Manual Shutter
- 4) Move your files to microscopy-nas1
- 5) Logoff Windows
- 6) Carefully remove your sample
- 7) Rinse the 25X Objective with 100% Distilled H<sub>2</sub>O (DO NOT RUB)
- 8) Raise the Objective to its highest point.
- 9) Sign-off on the paper log
  - a. Record the mercury burner **(C)** time
  - b. Record the time you finished
  - a. Record other system comments
- 10) Adjust your usage within online system.

## Fluoview 1000MPE Shut-down Procedure

- 1) Check that nobody has signed-up for the system within the next hour.
- 2) Close the Fluoview Software
- 3) Close the Manual Shutter on the Microscope
- 4) Move your files to microscopy-nas1
- 5) Logoff Windows
- 6) Turn off the monitor
- 7) Carefully remove your sample
- 8) Rinse the 25X Objective with 100% Distilled H<sub>2</sub>O (DO NOT RUB)
- 9) Raise the 25X to its highest point
- 10) Turn-off the scanhead (**H & I**)
  - a. Switch-off
  - b. Turn key to "OFF"
- 11) Switch-off the microscope controller (**G**).
- 12) Switch-off the FV10MP AOM (**E**)
- 13) Switch-off the microscope stage (**D**)
- 14) Turn off the 559 nm laser (**F and B**)
  - a. **F** Turn the key to "OFF"
  - b. **B** Switch-off
- 15) Switch-off the Diode Laser Combiner (**C**)
- 16) Switch-off the Mercury Burner Power Supply Unit (**A**)
  - a. Do not switch off within 30 minutes of ignition (warm-up prevents stressing the bulb at cool-down).
  - b. Do not reignite the burner for at least 30 minutes after switching off.
- 17) Logout on the paper log
  - c. Record the mercury burner (**C**) shut-down time
  - d. Record the time you finished
  - e. Record other system comments
- 18) Cover the microscope with the dust cover
- 19) Clean the area around the microscope
- 20) Adjust your online reservation end-time if you finished early or late.



### Double check

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