

Turning ON the system:

- 1. Open the nitrogen valve** (the black handle has to be perpendicular to the N₂ line)
- 2. Purge the system for at least 30 min** (1 h if it hasn't been used in over 2 days);
steps 3, 4, 5 can be done while waiting.
- 3. Turn on the temperature controller and the water bath**
- 4. Switch on the system** (indicated by status green light, please wait until the instrument is fully initialised ~ 90 sec)
- 5. Double click on Chirascan icon** (on the instrument the Tx & Rx will blink when commands are being transmitted or data is being received)
- 6. After the system is fully purged, switch on the lamp and wait for 30 sec**
- 7. Ignite the Xe-arc Lamp by pressing the red start button** (translucent panel will glow yellow)
- 8. Lamp will require at least 15 min to stabilize after ignition**

Note: If it is necessary to restart the lamp after running, it must be allowed to cool for about 15 mins before re-igniting is attempted. **Do not switch off the lamp if there are less than 8 hours between you and the next user. Contact the next user via e-mail.**

Turning OFF the system:

- 1. Switch off the lamp**
- 2. Quit the software**
- 3. Switch off the system**
- 4. Turn off the temperature controller and water bath**
- 5. Let the system be purged with nitrogen for 15 mins.**