

2-Photon Switch On/Off Procedures

Switch on 2-Photon laser (1 hour earlier)

1. Press **Menu Select** on laser drive
2. Move cursor to **System Warm Up** with **Menu up/down** button
3. Press **Menu Select**
4. Press **Menu Exit**
5. When warm up reaches 100% (~ 1 hour), turn the key from **Standby** to **ON** (laser power peaks after ~0.5 hour)

Switch on Microscope

1. Check the workstation is **ON**
2. Switch on **Stripe 1** (wall plug labelled **Stripe 1**)
3. Switch on **Stripe 3** (wall plug labelled **Stripe 3**)
4. Switch on **Piezo Drive** (Power button on its front panel)
5. Log in
6. Run **ThorImage4.0** software
7. Push down **Laser Intensity** wheel
8. Push **Safety Shutter** wheel

Switch off 2-Photon laser

1. Turn the key from **ON** to **Standby** on laser drive
2. Press **Menu Select**
3. Move cursor to **System Cool Down** with **Menu up/down** button
4. Press **Menu Select**
5. Press **Menu Exit** (Cooling with take 1 hour)

Switch off Microscope

1. Close **ThorImage4.0** software
2. Log off
3. Switch off **Stripe 3** (wall plug labelled **Stripe 3**)
4. Switch off **Stripe 1** (wall plug labelled **Stripe 1**)
5. Clean the objective (with lens tissue)

Need help? Contact Yan Gu: 07981875417, office: 2c37, ext:6997