

Laser operation Flim setup



The 488, 514 and the 568 lasers can be switched on with the controlbox that is Shown in the picture.

405nm and 440nm lasers for Flim microscope

Laserhead
connector

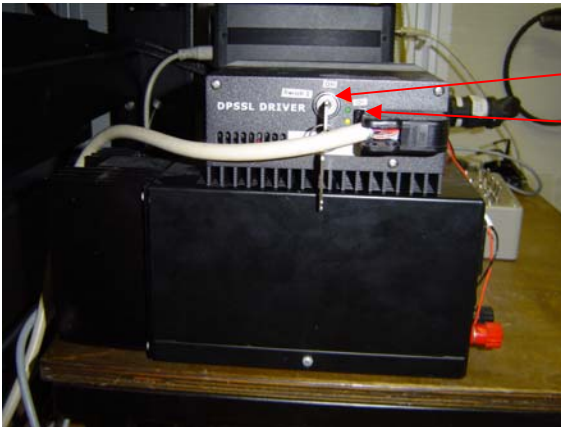


The 405 and 440 diode lasers can be switched on using the Picoquant control box,
Make sure you have the right laser diode connected

Switch on the 532nm laser



Switch on switch located at the back of this box

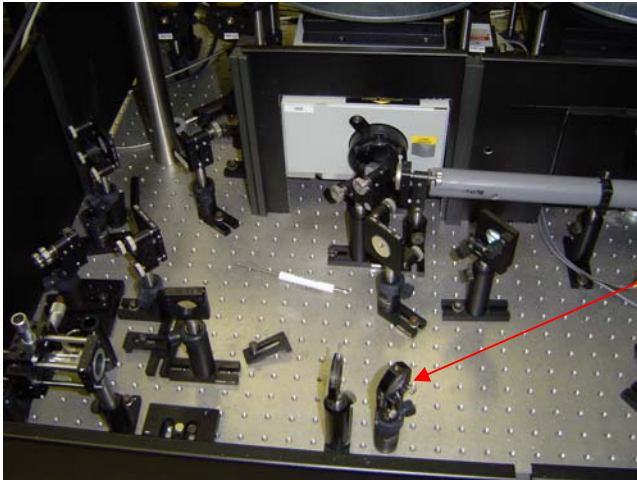


Put key-switch in on position
Wait till green led is on

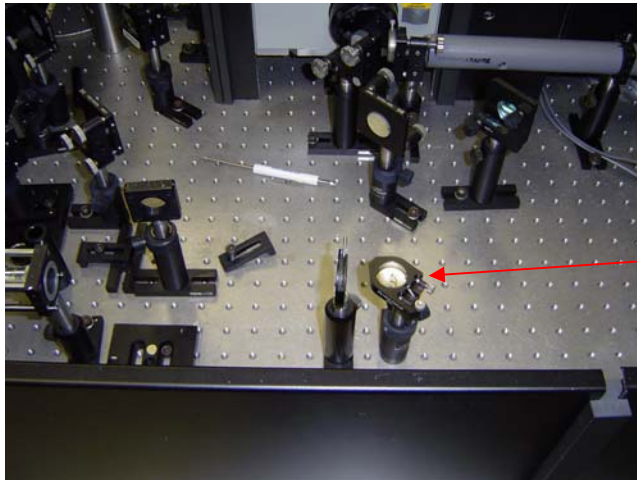


Switch on the external voltage powersupply.
Do not change voltage setting (Max is 4.0 Volts)

Flipmirror to change between 405/440 and 488/514/532/568

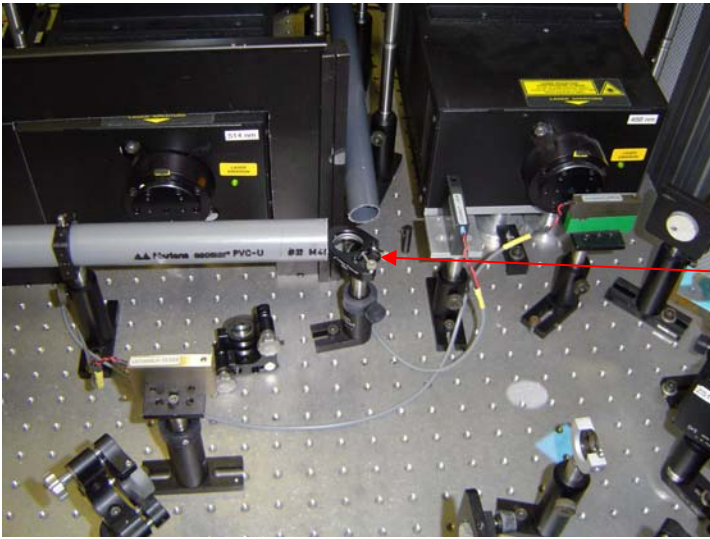


440nm or 405nm laser is selected
Mirror is flipped up



488nm, 514nm, 532nm or 568nm laser is selected
Mirror is flipped down

Direction of 568nm laser



568nm laser for the Flim microscope
Mirror is flipped down



568nm laser for the LSM510 microscope
Mirror is flipped up

Shutter control for Flim microscope

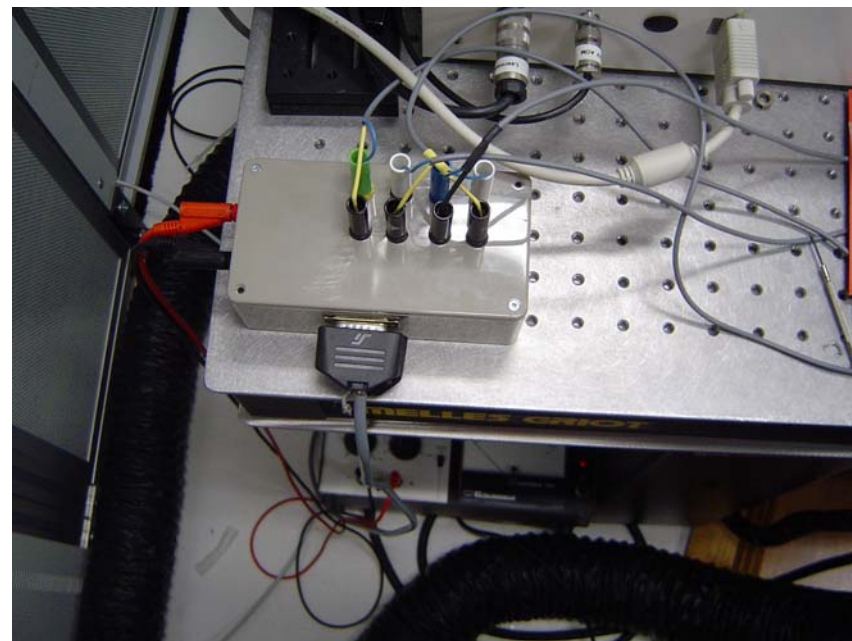


Toggle switch of the laserline you would like to use
LED lit means shutter is open

Shutter control hardware



Powersupply for shutterbox (24V)



Shutterbox, 4 shutters are connected