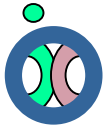


Laser power control

- Start LSM
- Choose the 10X lens and put the detector without the slide over the lens (fits perfectly)
- Open database “d:\algemeen\power laser.mdb\powerlaser.mdb”
- Choose the image with the wanted wavelength and click “reuse”
- Make sure the laserpower is at 6.1 A ($\pm 55\%$)
- Adjust powermeter to the right wavelength
- Set the AOTF at 100%
- Click “cont” and measure the laser-power, as well internal with the monitordiode (click histogram) as external (powermeter)
- Also measure a few other AOTF-settings (64, 32, 16, 8, 4, 2, 1, 0.5 and 0%)
- Write the data into the right Excel-sheet from the file Power-measure.xls



27/9/04, Alex Nigg