



Checking Laser Cut Position (LCM)

Before cutting and collecting required areas of your sample, make sure that the position of the laser marker is aligned with the actual position of the laser focus.

1. Choose the *Cut* laser function.
2. With one of the drawing tools, draw a small region around an empty membrane area. Make sure membrane is focused within microscope focus.
3. Activate laser.
4. The drawn region outline should align with the cutting line.

If there is a shift between drawn position and cutting line, do the following:

1. Move stage to an area of your sample that you do not require for work (e.g. empty membrane area).
2. Switch to Stage Mode by clicking on the icon (or click F7).



3. Release laser with a single shot application of pressure to the foot stepper (located underneath the computer table).
 - The foot stepper (foot switch) is used to activate the laser cutting function manually. This option is only available in stage mode.
4. Check result. You should see a small, almost circular area where material has been removed. Increase laser energy if you do not see anything.
5. Exit Stage Mode by clicking on F7.
6. In the main menu, go to Calibration > Position Cut Laser.
7. Click in the center of the small area hit by the laser to set position of laser marker.
8. Draw another region with one of the drawing tools and check result. Repeat process if a shift is still apparent.

NOTE: You must check, and if necessary correct the position of the Laser Marker *before you start, after a relaunch and after a change in objective magnification.*