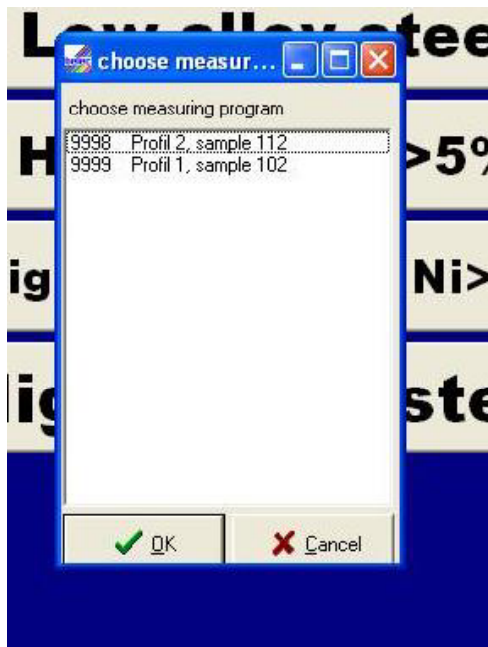
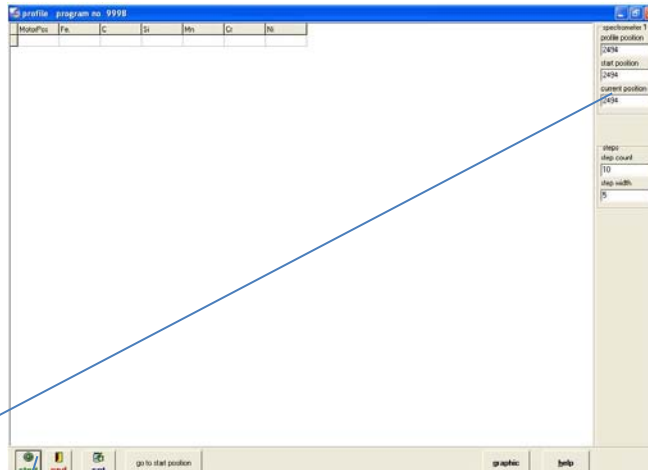


Profiling procedure for Service





Current profile position

Default start position during profiling, can also be modified manually : move cursor there and enter a number

Current motor position

Numbers of steps during profiling (can be increased to scan a wider range

Motor moves that distance during profiling at each step (can be increased temporary to scan a wider range

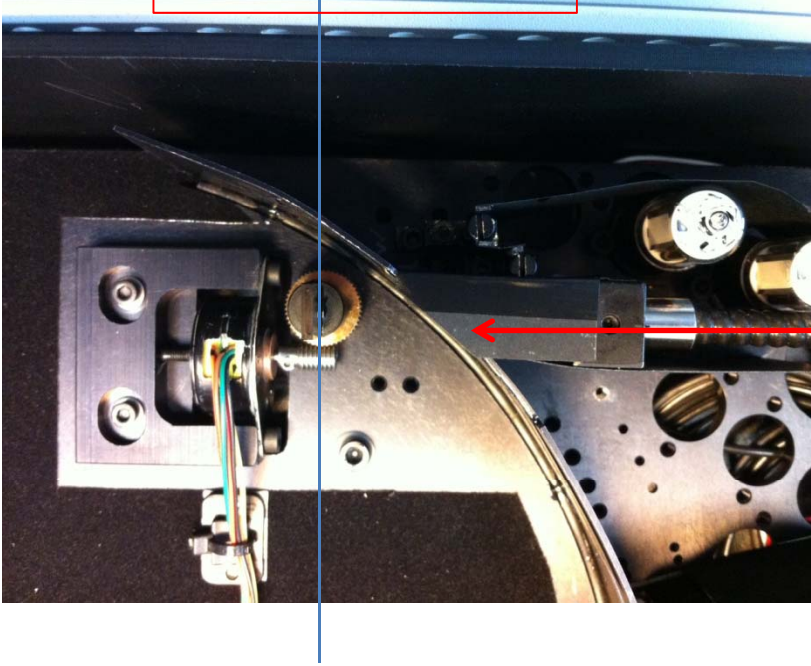


By click on this the motor moves to the entered „start position“

By click on this the „current position“ is set as the new „profile position“

Compact Port :

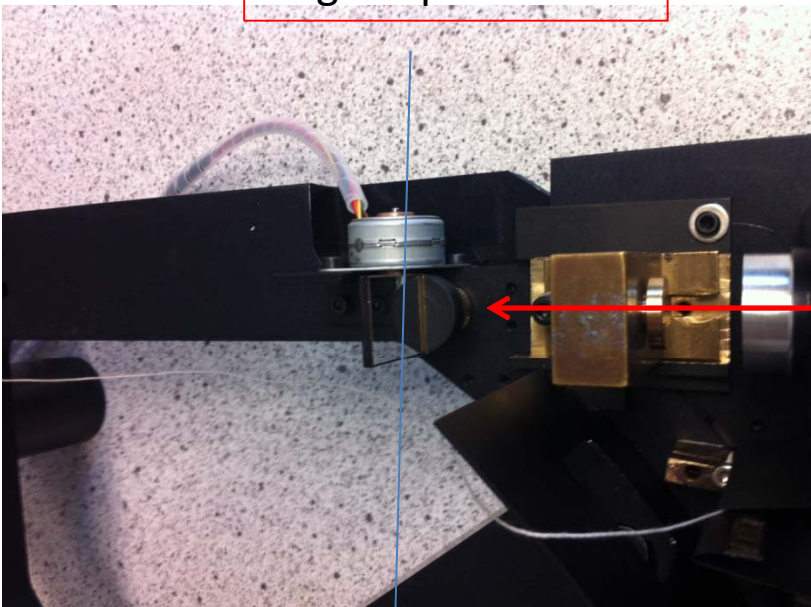
Refractor plate
original position



Light pass

Vario Lab / lab 3000s :

Refractor plate
original position



Light pass

How to find the profile position if the profile is too far off

1. Open instrument cover to get access to the spectrometer
2. Unplug the HV board and/or the HV ribbon cables to the spectrometer
3. Open the spectrometer.
4. check the position of the refractor plate, (underneath a cover) it should be as to “original position “(see picture s above)
- 5, Run the profiling function from the calibration menu (must be logged-in in “Service mode”), select the sample
6. If the refractor plate is too far off from this position you need to move it there by use of the above described functions (enter a number at “start position” > click on “Set” and watch how it moves, repeat that until it moves to the desired “original position”
7. Then you put everything together and run the profile program again (from the same menu) you could increase the step count to 20 and step width to 10 initially in order to check at a wider range. After you have found the profile , you set these values to the default .