

Installation of the slide module

To install the slide module please switch off the **InsituPro VS** and unplug the two connections (heating and cooling) of the thermoplate used for whole mounts. Now remove the thermoplate from the work area and replace it by the slide module (fig. 1)

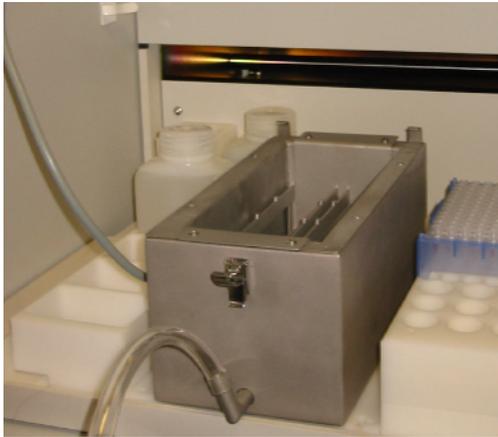


Fig. 1



Fig. 2

Connect the slide module to the socket labeled with heating and put the cable into the white clips on the left side of the instrument. Put the 10 slide blocks into the slide module (fig. 2) and close the lid (fig. 3).

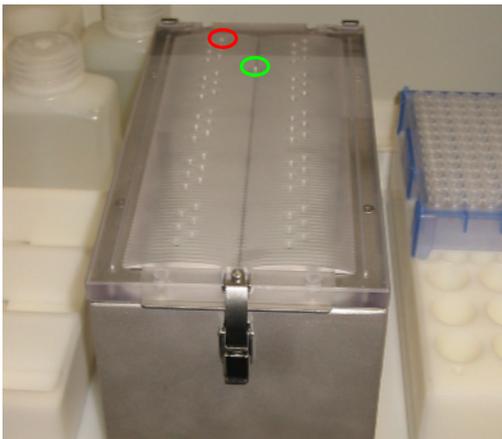


Fig. 3

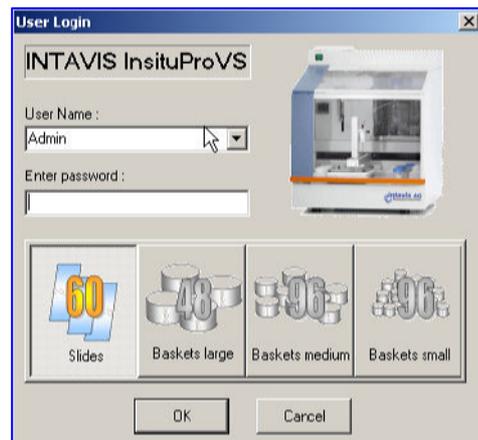


Fig. 4

Now switch on the **InsituPro VS** and start the software. Select the slide module and log in as administrator (fig. 4). When the software has been loaded activate the tray editor and select the file card racks (fig. 5).

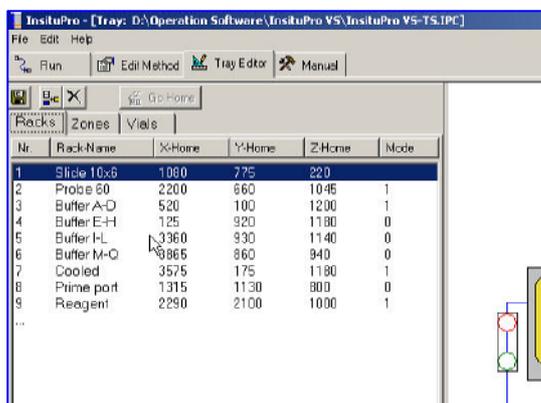


Fig. 5

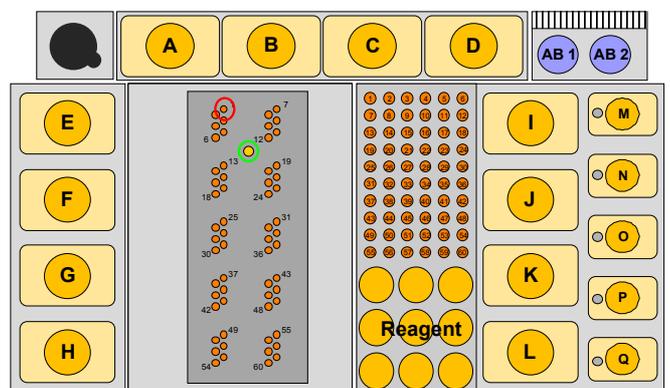


Fig. 6

You can move the pipetting needle manually now. Please move it to the first slide position (fig. 3 & 6, red circle) and compare the values “home position X / Y / Z” and “actual” (arrows in fig. 7). If differences in the coordinates are more than 10 values, please correct the “home position” according to the “actual” values (fig. 7). The Z-value for the slide chamber should be about 300, the one for the “Prime Port” should be about 1100.

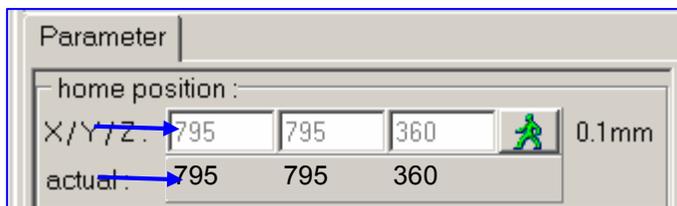


Fig. 7

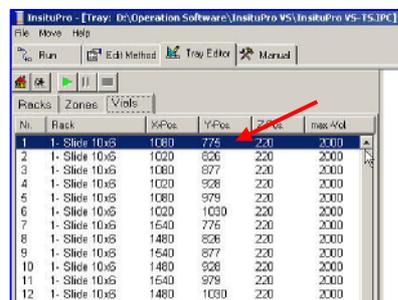


Fig. 8

Now press the green running man behind the “X / Y / Z” fields to recheck the calibration. This will move the pipetting needle to the new home position. If it is okay click into the rack table to transfer the changes. Now proceed as described above with the rack named “Prime Port” (green circle in fig. 3 & 6). Finally save the changes by clicking onto the floppy disk icon top left of the tray editor screen.

To recheck the settings activate the file card vials now and select the first slide (fig. 8, red arrow). Click on the green triangle to move the arm to the first slide and recheck the calibration. Then press the green triangle again to move the arm to all other positions of the slide module. It will stop at the last position, which you should check as well. If necessary do some fine tunings on the rack calibration by changing X or Y values slightly.

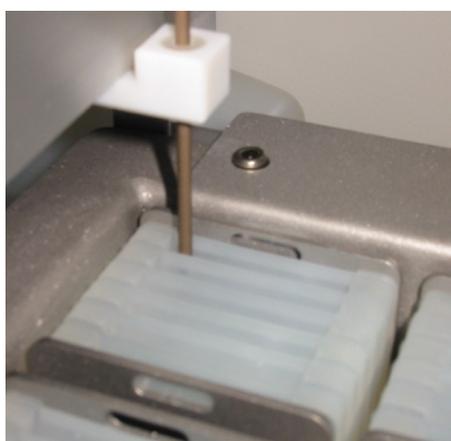


Fig. 9

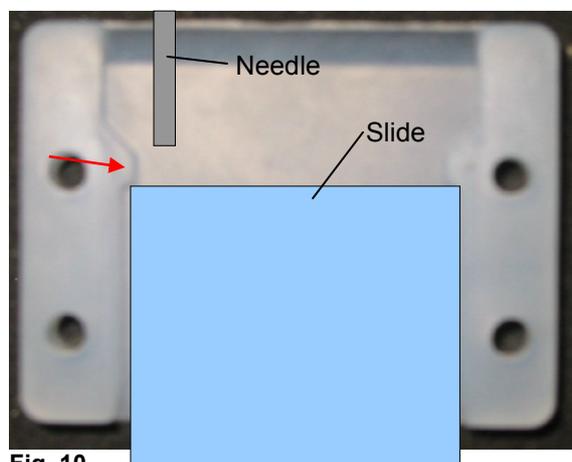


Fig. 10

Repeat the same procedure for the “Prime Port” position.

Finally remove the lid of the slide tub, load a slide pair to position 1 and check, that the tip of the needle is roughly 2 mm above the slides (fig. 9 and fig. 10) when the arm moves to the this position (activate rack file card, select Slide rack and press the “green running man” button). The tip of the needle should be located slightly above the “nose” of the silicon sealing (red arrow, fig 10). If necessary fine tune the z-drive settings and save the modified configuration.