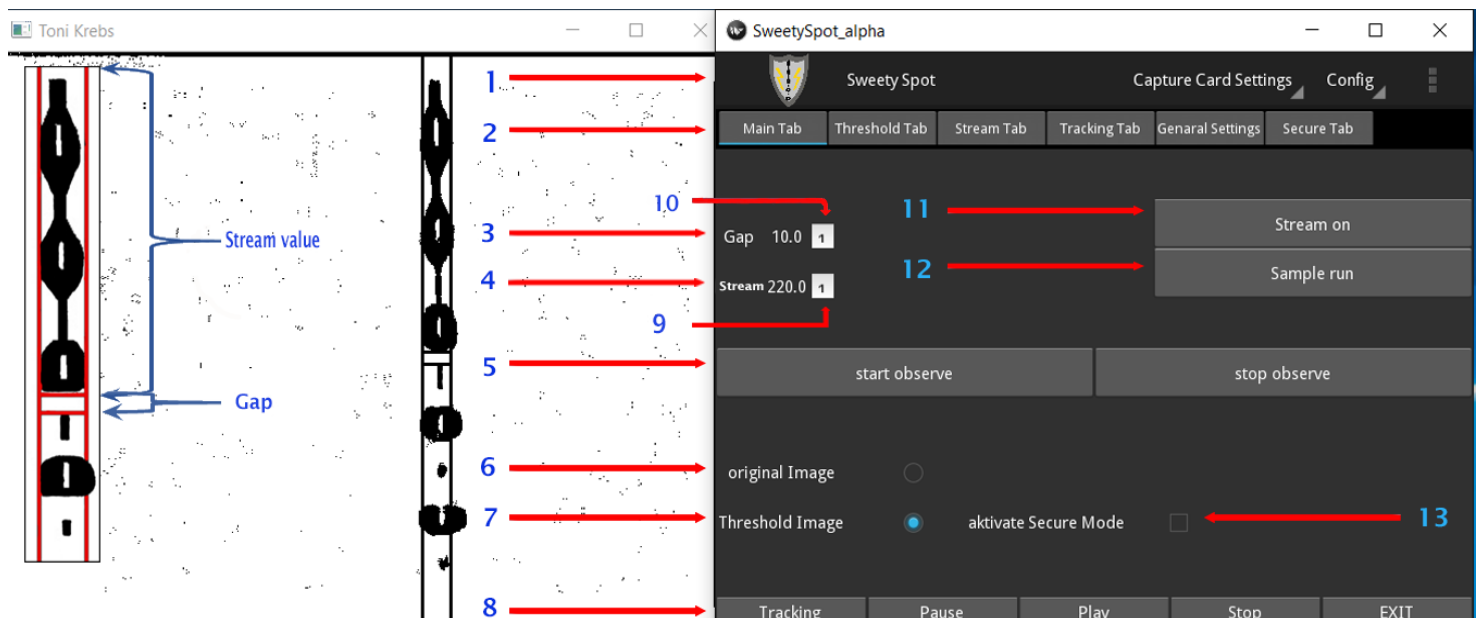


Quick starter guide

1. double click on the SweetSpot alpha exe file → the program will execute
2. In the action bar click on config button and load a preconfigured setting file 70 or 100, also located in the SweetSpot folder, of course you can load your own file
3. In the main tab click on tracking

Note: The library I use for capturing is OpenCV, sometimes for the first capturing it is necessary to click more than one time the tracking button, if this is not working → go to the threshold tab and lower the c-constant slider value → it will work
You should see a second window, showing you the captured camera image with the threshold

4. Next step is to adjust the threshold, switch to the threshold tab and play with the c-constant value and with the block size slider, as long as you think you have a clear nice threshold image
5. The calculation of the gap and stream value happens between the two lines, so we have to adjust this to lines in the stream tab so that the stream is between this two lines
6. In the main tab you can see the calculated gap and stream value, for different nozzles it gives different values 70 nozzle is a gap value around 7-9 perfect
7. If you think you have stable values and set the machine correct up, just put the live values in the text input field → its done, to start the observation of the break-off point click the start observe button



1	Actionbar with Logo, Name, capture card settings menu, configuration menu and far right the About button
2	Tab pannel
3	Gap real time value in pixel
4	Stream real time value in pixel
5	start and stop observing the break-off point
6	view the original camera image
7	view the processed camera image/threshold image
8	media buttons ,pause -, play(restart) -, stop captering the camera image, exit to close the program and tracking to start the image captering with calculation of the gap, stream value
9	Stream value user input field
10	Gap value user input field
11	turn off/on the main stream -only with hardware upgrade
12	turn off/on the sample run - only with hardware upgrade
13	enable/disable secure mode -only with hardware upgrade