Laser system software.

Particulars.si -> Laser status always shown at the bottom of the ~~System~~ control program window.
↳ Interlock systems -> stops laser from being on while door is open.

Single frequency -> default. Single pulse of set freq.
↳ Set manually to any predefined frequencies.
↳ Use set button to lock in freq.
↳ Trigger connector used is "TRout(Laser)".

Pulse width -> width controlled by the DAC.
↳ DACs are precalibrated.
↳ Width given in %.
↳ Also correlated to light intensity.
↳ New value, turn off laser, enable DAC, enter & set new value.

TCT set-up Software

Movement parameters -> ~~x(0)~~ x0 -> starting position, dx -> step size, Nx -> number of steps.

translation vector.

R = M r + T : Use default settings for movement {speed, step}
↳ rotation matrix. Use time between steps ≈ 0.1s to ensure steps are really stationary while measuring.

Voltage Source.

Can choose wether the device is initialized with (Front Devices).
Output Bias -> Set voltage for bias -> then hit apply bias now.
Mode -> linear? exponential? Hysteresis?
Inc. Speed -> Speed at which voltage is ramped up / down.
Inc. Bias -> defines bias step used during ramp up / ramp down.
Delay after bias -> Sets delay to wait while current is measured.