

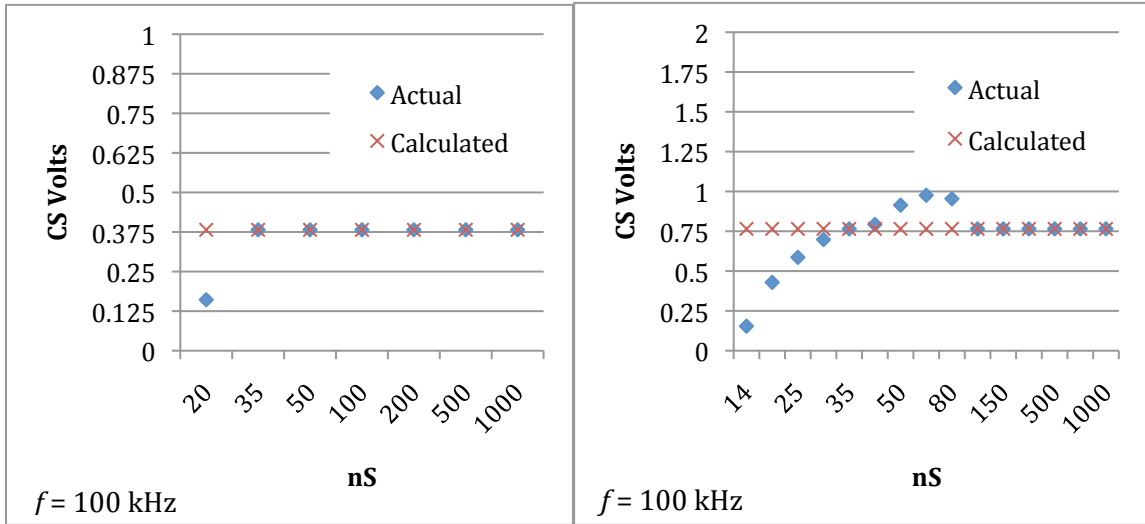


Figure 1: Output comparison with varied T_{ON} at 1 V bias (L) and 2 V bias (R)

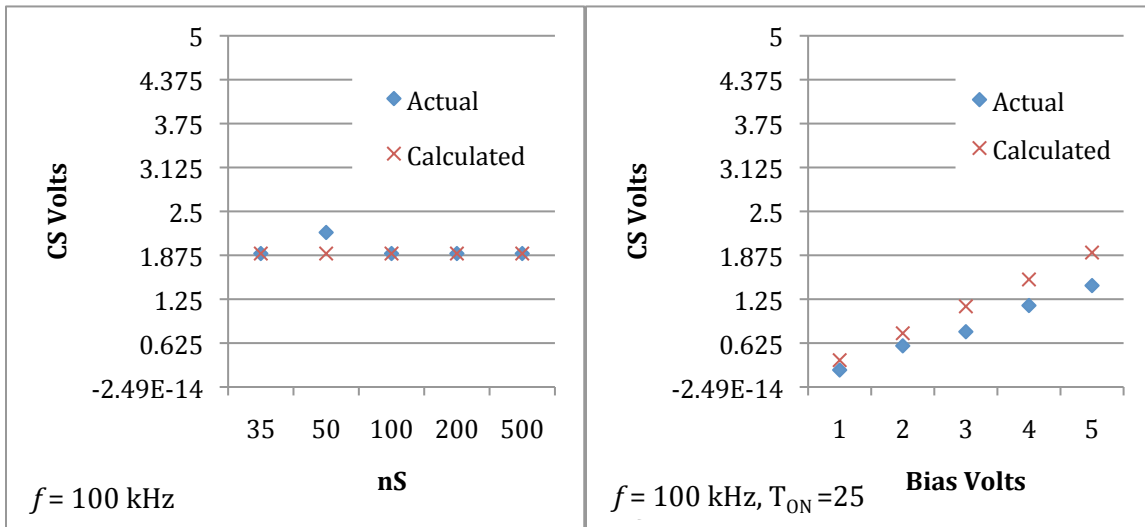


Figure 2: Output comparison with varied T_{ON} at 5 V bias

Figure 3: Output comparison with varied bias

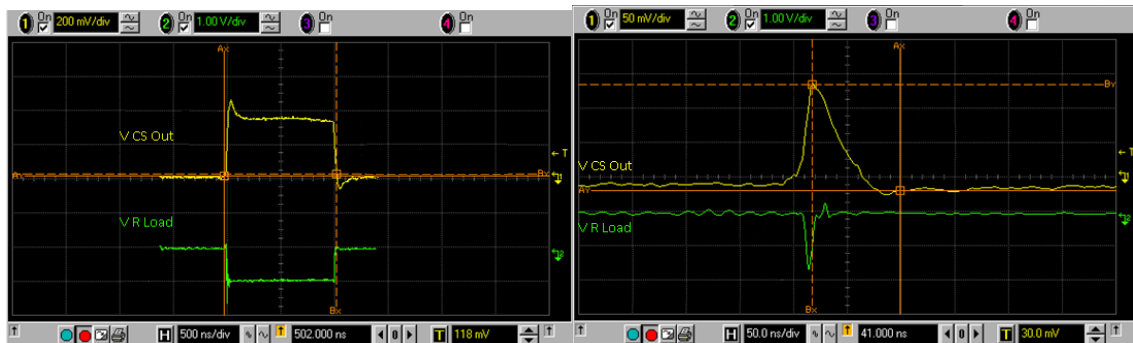


Figure 4: Current sense input and output with 1 V bias, 100 kHz and 1000 nS T_{ON} (LEFT) and Current sense input and output with 2 V bias, 100 kHz and 14 nS T_{ON} (RIGHT)

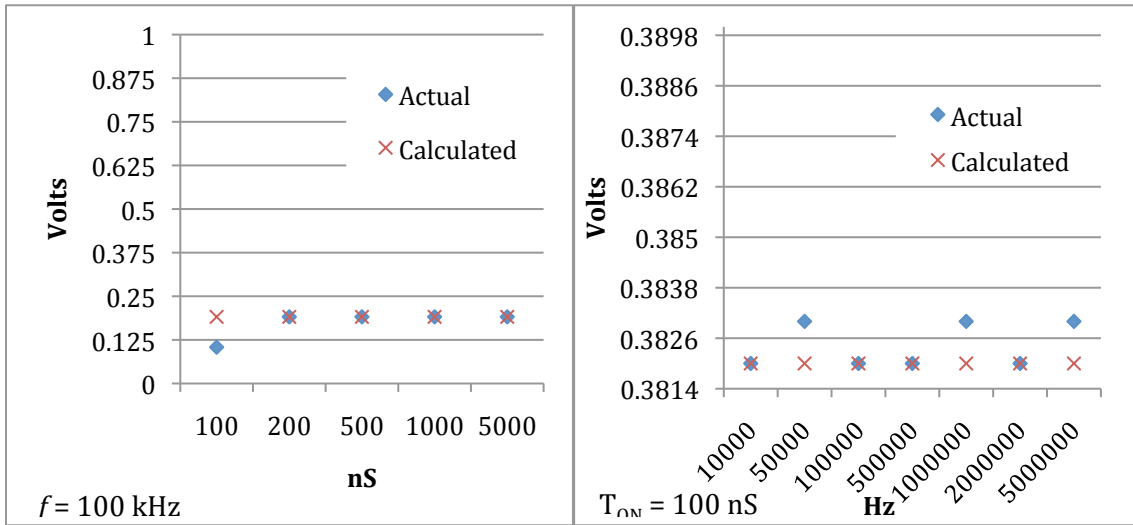


Figure 5: Output comparison with varied T_{ON} at 1 V bias (L) and with varied frequency at 2 V bias (R)

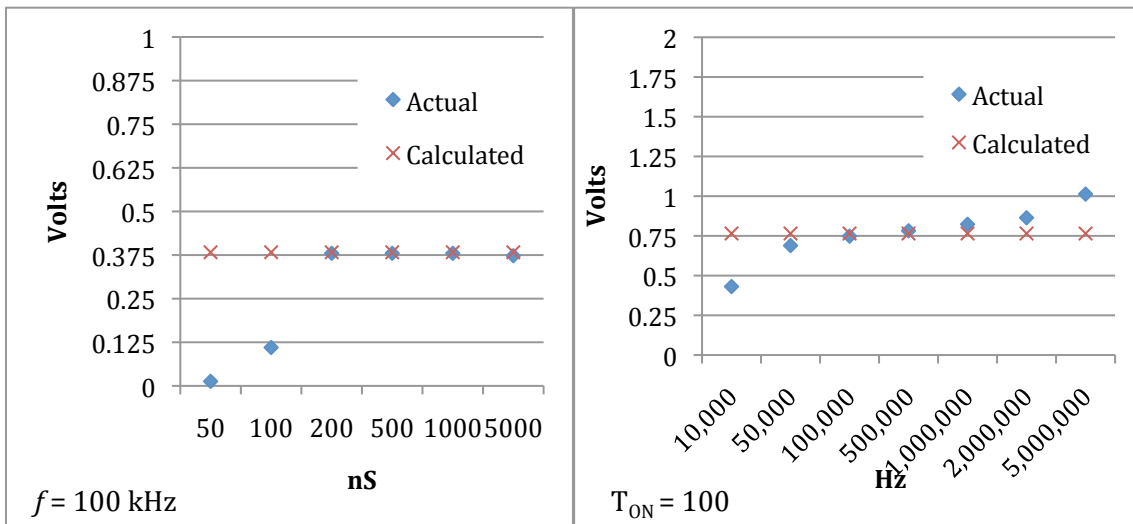


Figure 6: Output comparison with varied T_{ON} at 1 V bias (L) and with varied frequency at 2 V bias (R)

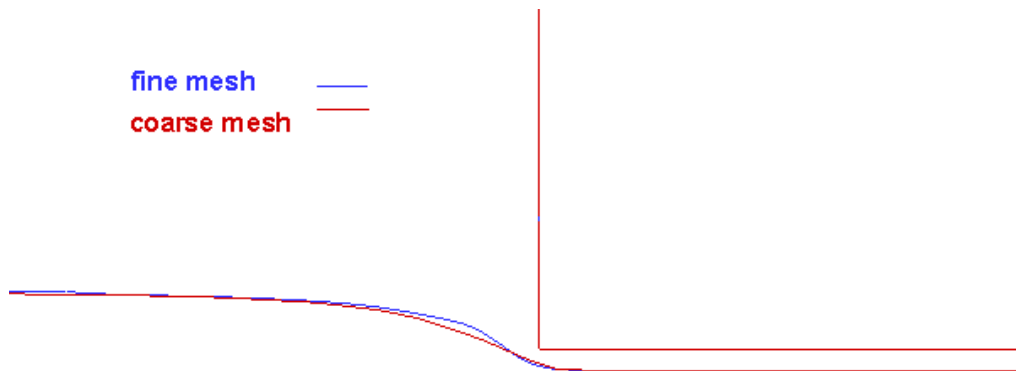


Figure 7:

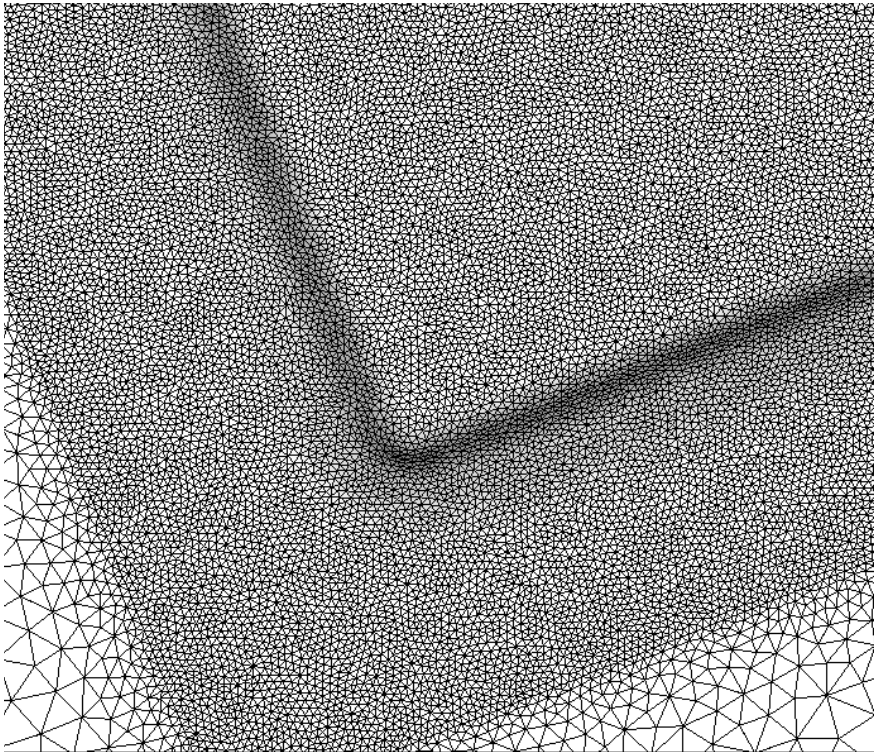


Figure 8:

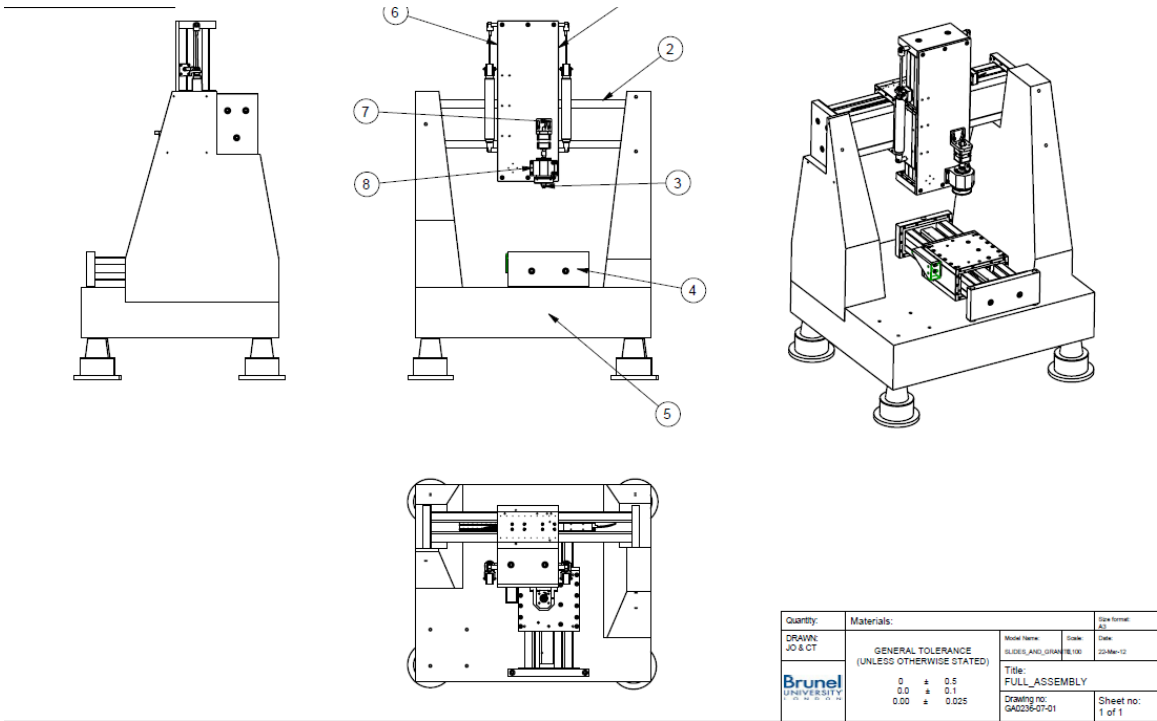


Figure 9:

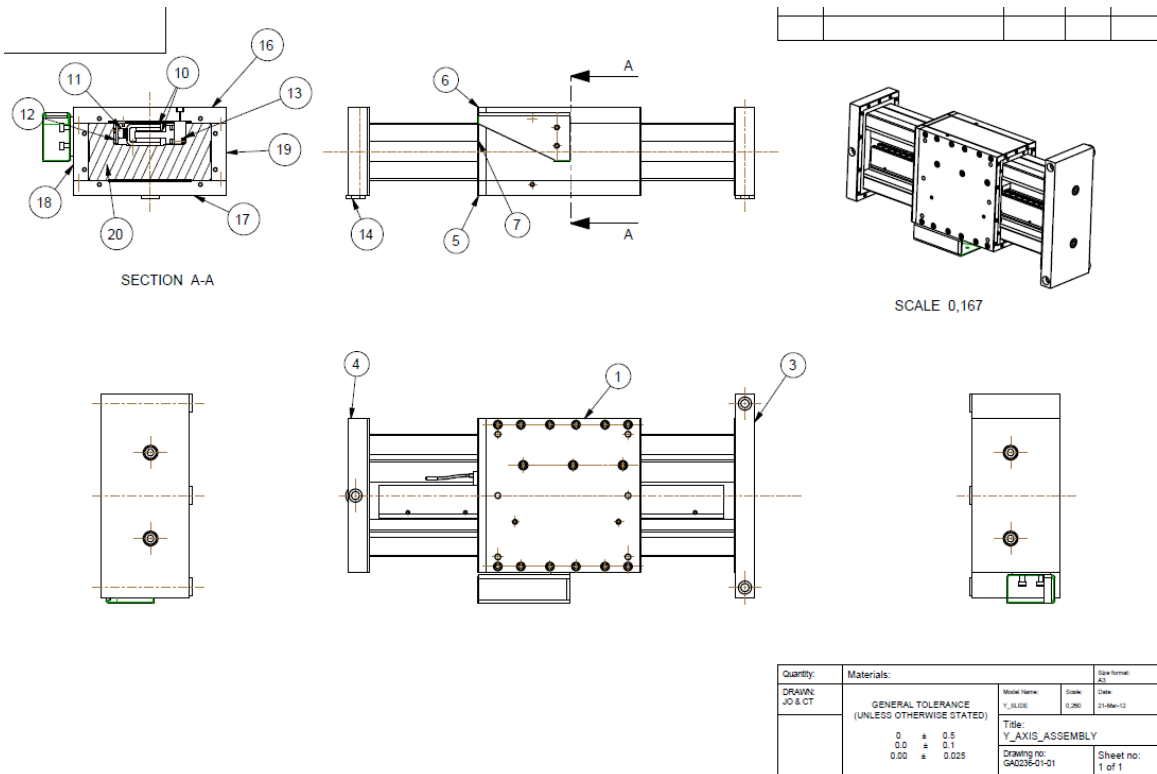
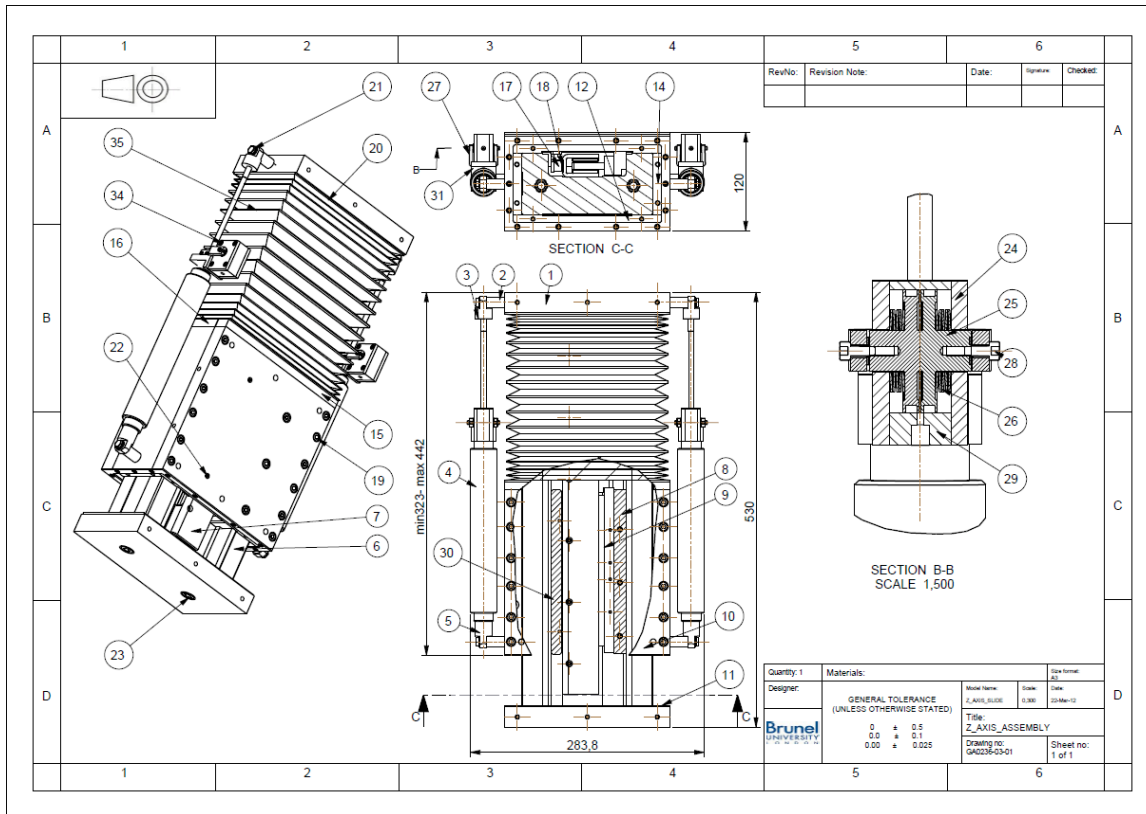


Figure 10:



- Figure 11: Housing of the machine tool was designed to fit the normal look of the machines produced by Sonplas



Figure 12:

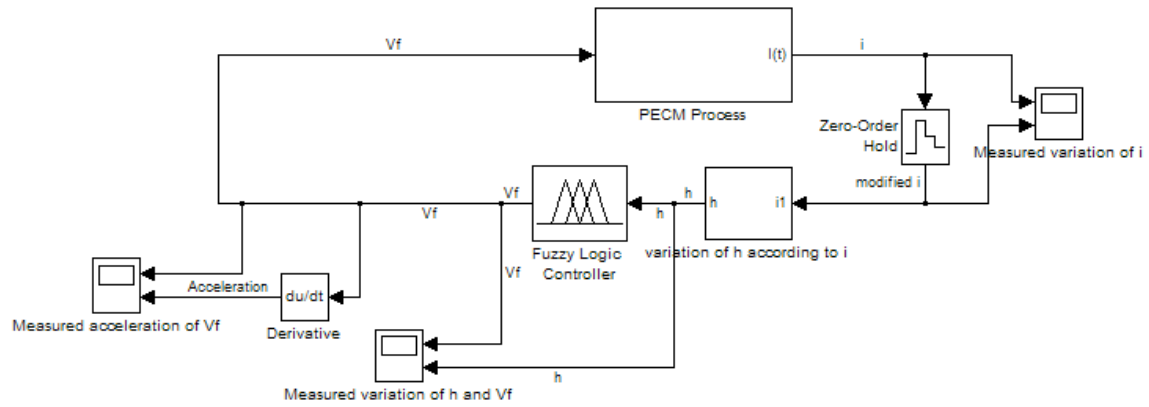


Figure 13:

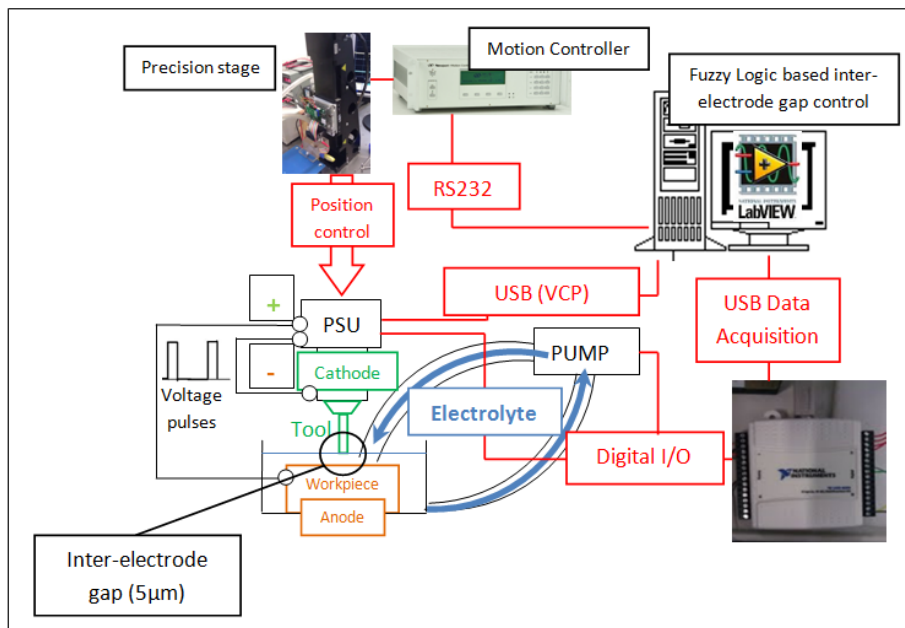


Figure 14:

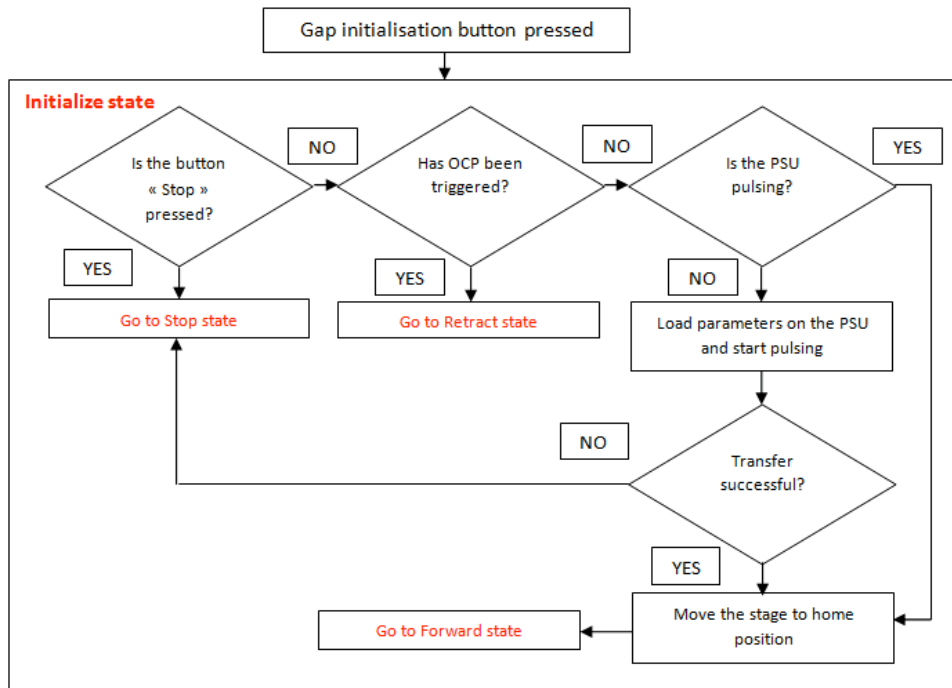


Figure 15:

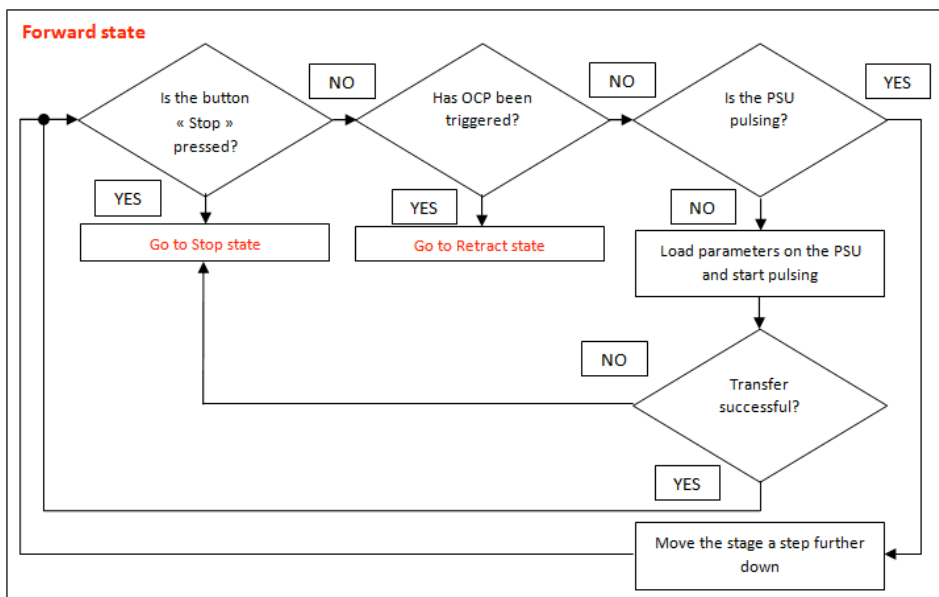


Figure 16:

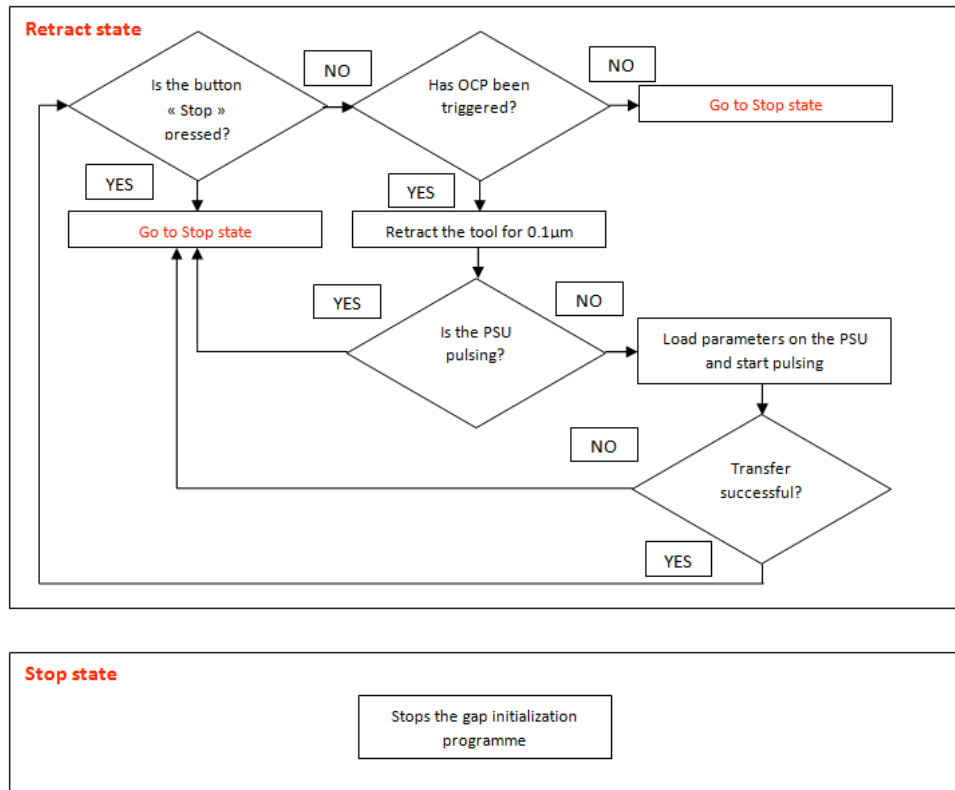


Figure 17:

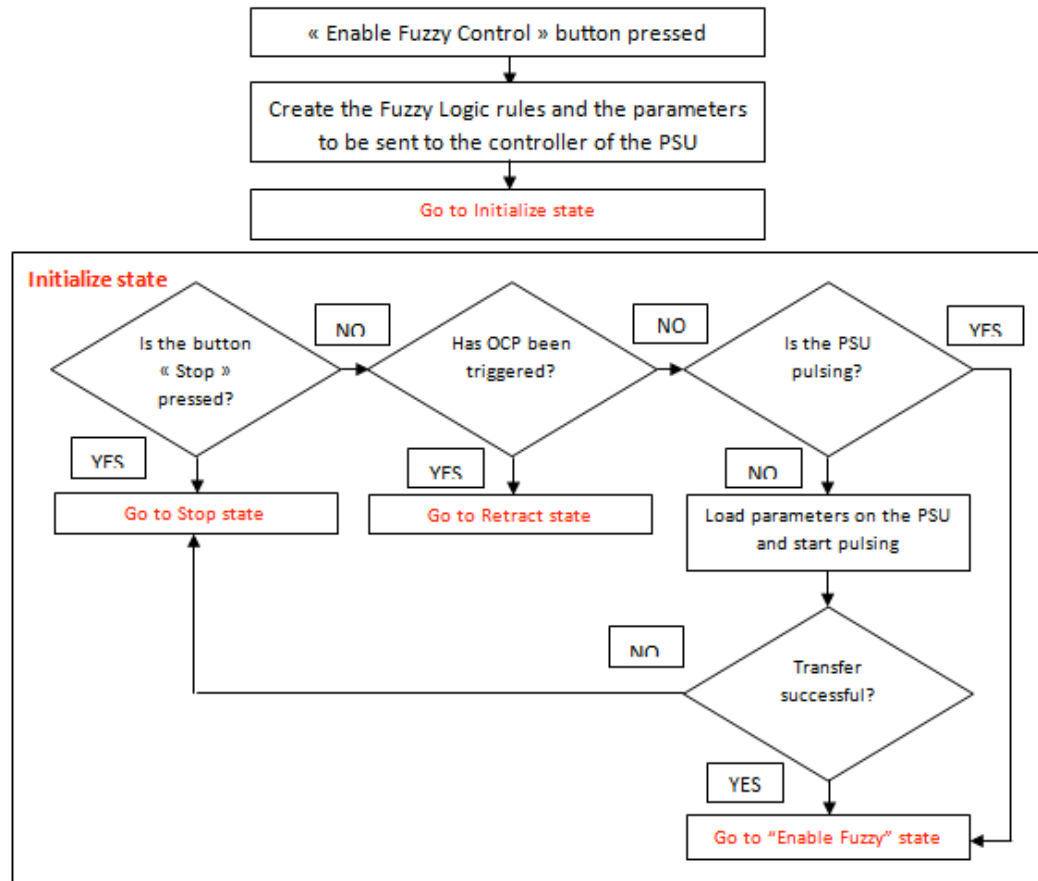


Figure 18:

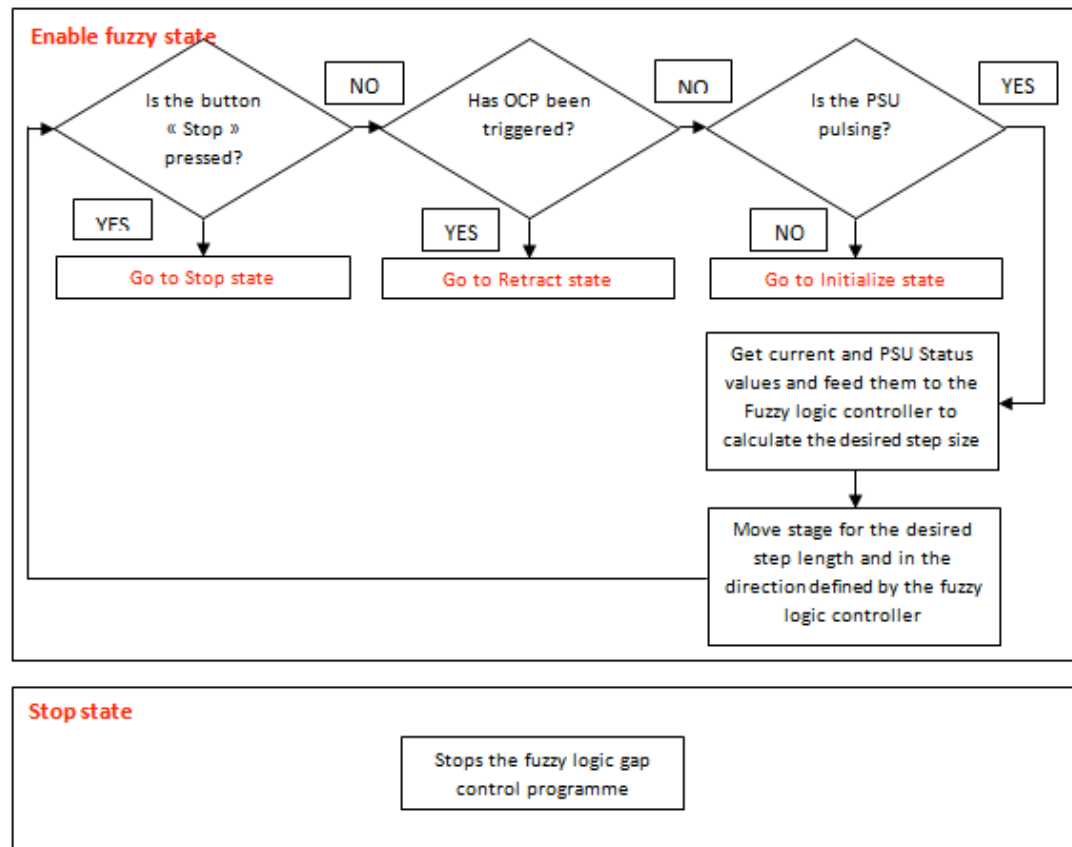


Figure 19:

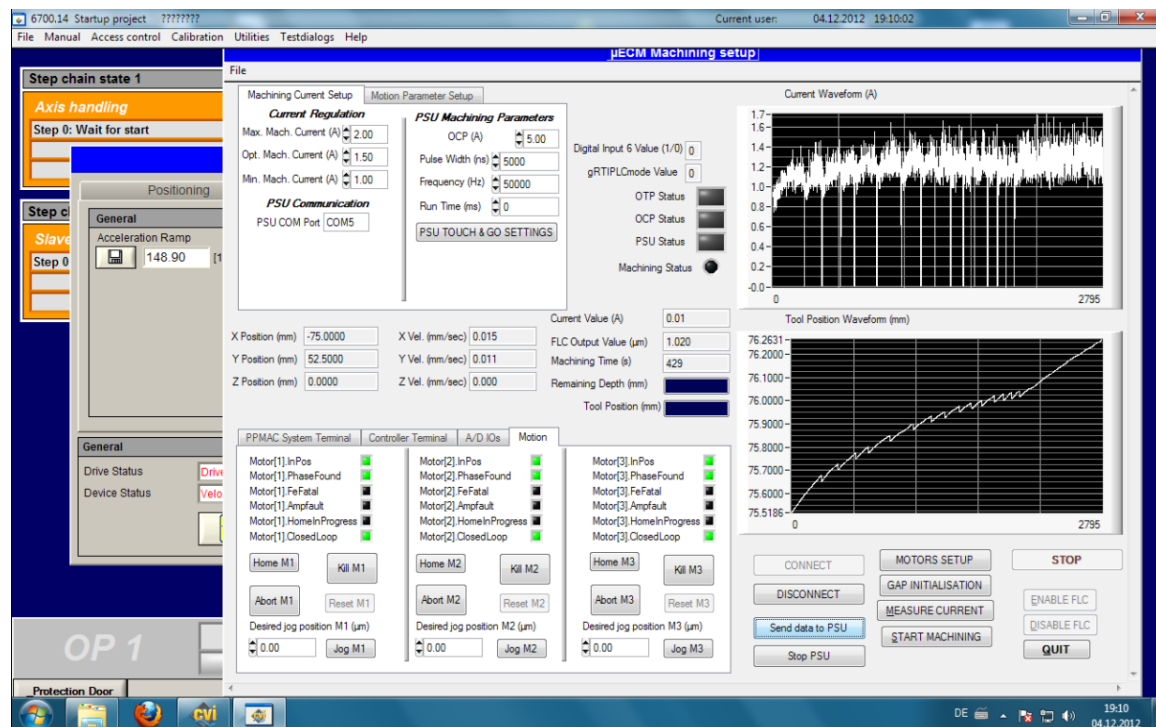


Figure 20:

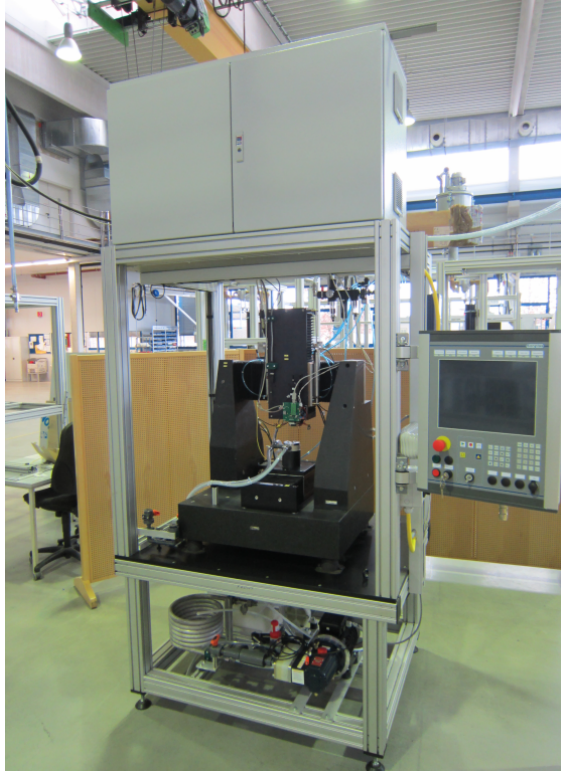


Figure 21: Picture of the μ ECM machine in Sonplas

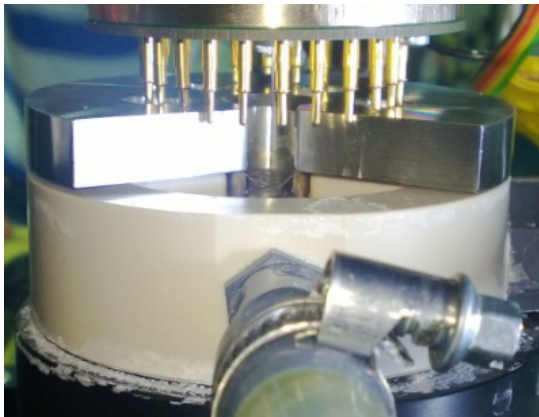


Figure 22: Picture of a part being machined

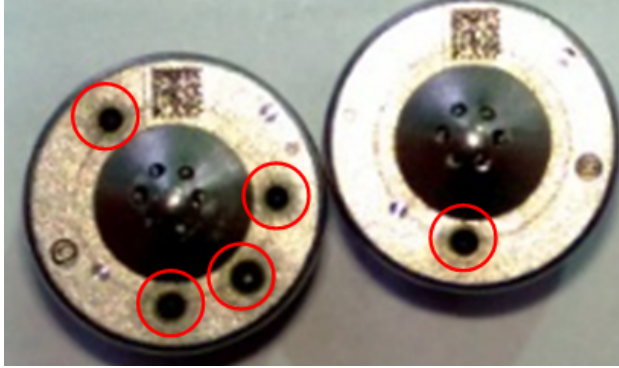


Figure 23: Picture of holes drilled in fuel injectors (chromium- based alloy)

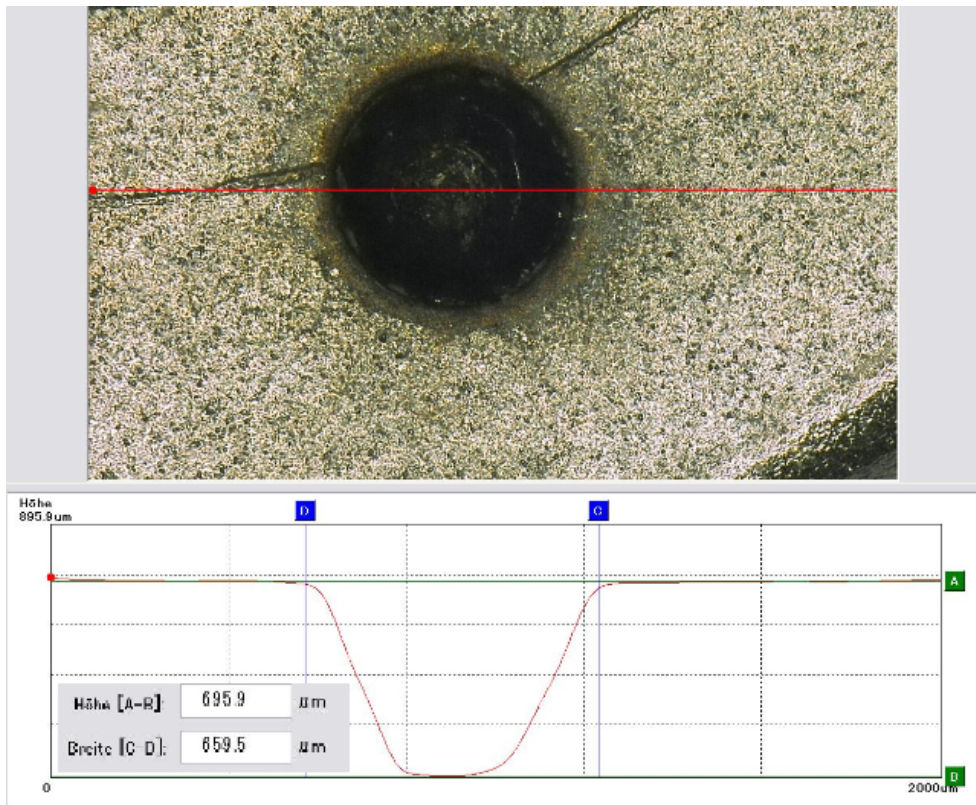


Figure 24: Picture and profile of a hole machined in a fuel injector with the sidewalls of the tool non-insulated.

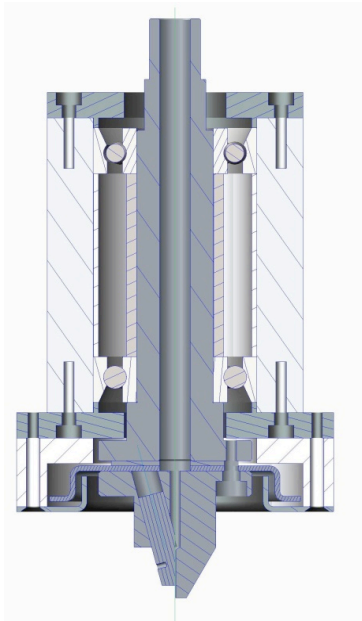


Figure 25: Spindle