XPS startup with 9600

1. Turn on power to 9600
   1. get interlock ok
   2. and off on
2. For new gun put switch in service position up
   1. hit Start Filament: There are Three cycles that the 9600 should go through automatically:
      1. Cycle 1: the filament current should go up to 4 mA and then down to low value ~0.6 and then slowly sink to ~1.4 mA over a 5 hours (max). If you flip the switch to the normal position the cycles are much faster. Note that V2KV and I2KV are off at this point.
      2. Cycle 2: V2kV on. I2KV will ramp up to 5 mA of a few hours;
      3. Cycle 3: Need to hit Operate and should start 3rd part of ramp, does not happen now some problem. So for now need to turn on Glassman and M&W and hit operate. M&W should come on and Flow ok. Ramp up Glassman by hand slowly. See old notes for timing. Now ready to operate.
3. Make sure that ‘turn X-ray gun on” is clicked in “ESCA control panel” on computer program.
4. Now push computer control on 9600.