

Manual Ramp of X-Rays

(Perform prior to starting the first run)

1. Go to the Manual Control Window and scroll to the Xray Gun section
2. Set Anode HT to 6kV and Emission to 1mA. Always enter the voltage before the current, and remember to hit enter after typing in the numbers
3. Click the “Standby” light bulb and wait for light bulb to turn green
4. Click the “On” light bulb and wait for light bulb to turn green
 - a. Emission current should read 1mA and Anode HT (kV) should read 6kV
5. Set Anode HT to 10kV and Emission to 5mA
 - a. Emission current should read 5mA and Anode HT (kV) should read 10kV
6. Set Anode HT to 15kV and Emission to 10mA
 - a. Emission current should read 10mA and Anode HT (kV) should read 15kV
7. Leave the X-Ray gun on and return to the Manager window
8. Remember to turn X-Ray gun off when you are done with the XPS