

OPERATING THE CRESSINGTON 208 HR SPUTTER COATER (FOR SEM)

1. Lift the top plate of the sputter chamber and place the sample on the base plate
2. Close the top plate (it consists of two parts, among which one loose ring. Take care not to drop it)
3. Switch on the sputter coater (1)
4. Open argon gas supply (tap on the bench; do not change the regulator)
5. The unit will start up in auto. Switch to manual (2)
6. Allow full vacuum to be reached
7. Briefly press flush for 2 seconds. (3)
8. Wait until some vacuum recovers.
9. Press leak (4)
10. Wait until turbo pump unit indicates ready (led becomes green)
11. Start coating by pressing Cycle/stop (5) (Blue glow visible)
12. After completion of the cycles the HT is automatically switched off
13. Switch off coater (1) (the chamber will now ventilate)
14. Wait a few seconds before opening the top plate (it consists of two parts, among which one loose ring. Take care not to drop it)
15. Remove your sample
16. Close argon supply

