

Anatech Hummer VI sputter coater instructions

Notes:

- Do not over tighten the nitrogen supply needle valve, or it will be damaged. When closing this valve, once you feel resistance, STOP IMMEDIATELY.
- Do not touch anything inside the chamber without first wearing gloves.

Operating instructions:

1. Ensure power switches are off.
2. Put on gloves.
3. Lift open chamber lid, do not shake or move top suddenly to prevent target from detaching.
4. Lift off glass cylinder, place on it's side on the stand provided on top of the sputter coater.
5. Place sample stub(s) inside chamber. Sample stub should be 1.5 inches from the target. If sample height needs adjusting, please consult staff.
6. Replace glass cylinder, and lower chamber lid into place.
7. Gently apply pressure to the chamber lid, and turn on the power switch. Once the vacuum pump starts and vacuum gauge shows vacuum, you can release pressure on the chamber lid.
8. Adjust needle valve to closed position (DO NOT OVERTIGHTEN), and allow chamber to pump down to approximately 30 mTorr.
9. Turn on the Argon gas valve at the top of the tank.
- 10.