

Plant Sciences' Sputter Coater E5000
Operating Instructions

1. OPEN Argon tank with key (anticlockwise)
2. Ensure tank is open to 5 psi
3. Place specimens in chamber
4. Turn operation switch to PUMP – chamber will pump to 0.07 Torr
5. OPEN LEAK VALVE 1 revolution ANTICLOCKWISE and quickly CLOSE again
6. When gauge returns to 0.07 Torr, REPEAT step 4.
7. Turn operation switch to SET HT
8. Set HT CONTROL to 1.2 kV
9. OPEN LEAK VALVE slowly ANTICLOCKWISE to 40 mA
10. Turn operation switch to TIMER.
11. Set TIMER to 2 minutes by depressing knob and rotating CLOCKWISE
12. Activate TIMER by pressing black button
13. When coating is finished: set LEAK VALVE to 0
 turn HT CONTROL to OFF
14. Turn operation switch to OFF
15. Bleed chamber by lifting valve in top plate
16. Remove specimens
17. CLOSE Argon tank with key (clockwise)