

## OPERATION of SPUTTER COATER Cressington 108 AUTO

1. Place the specimen in the chamber and adjust height (we recommend about 1.5 inch or 4 cm) from the target to the surface of the sample.
2. Close the lid carefully.
3. Press the RED BUTTON on the power strip next to the pump. The pumping starts. If you hear loud noise the lid is not closed. Close it properly!
4. Adjust the time for sputtering – press and hold PAUSE/TEST button and use the up and down buttons on the SET control to adjust the time to about 60 sec., which is displayed on the right-hand side of the coater. You are free to choose different time suitable for your application, especially if the distance is different.
5. Press SET $\mu$ A to check and/or set the current to 20  $\mu$ A.
6. Press CYCLE to start the automatic sputtering sequence.
7. Wait for the sequence to finish. If the pumping takes too long and the CYCLE light starts to blink, turn it off and on again, so that the CYCLE light is steady on again.
8. After the CYCLE light goes off the sputtering is completed.
9. Press the RED BUTTON on the power strip next to the pump to shut down and vent the system.
10. Wait about 30 sec. Open lid and remove the specimen.
11. Close the lid carefully.
12. Record your run and the total time of sputtering in seconds in the logbook.