

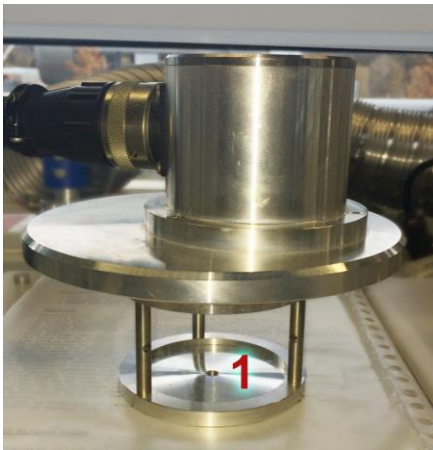
Manual Cressington 208 carbon coater- glow discharge.

Glow-discharge procedure.

- 1) Take the cover off the glass chamber (carefully).
- 2) Put the TEM-grids with the shiny side up on the metal grid basket.



- 3) Put the grid basket with the TEM-grids on "holder" (1).



- 4) Put the cover back on the glass chamber (carefully).
- 5) Switch on Power unit 208 (2) and carbon coater (3).
- 6) Set HT to 10 by pressing "set HT" (4) and arrows (5) simultaneously.
- 7) Set time to 10 or 20 or 40 by pressing (5).
- 8) At the back side of the carbon coater, there are a black valve (12) and two switches, switch (10) and "Leak gas" (11). Flip switch (10) with a flat arm upwards and switch (11) with a round arm downwards.
- 9) Use the black valve knob (12) to set the pressure to 0.1 mbar (6). (Don't turn the knob too much; it needs time to react).
- 10) Press "start/stop" (7).
- 11) Wait until the glow-discharge is done.
- 12) Flip back the switches (10 + 11), that is (10) down, and (11) up.
- 13) Turn off the switches (2 + 3).
- 14) Wait until the chamber is vented.
- 15) Remove the grids and put the cover back.

