

## Plasma Cleaner (in basement)

1. Put the grids onto the glass slide into the Petri dish and place it inside the plasma cleaner.
2. Turn on the pump, close the “door” and hold it there until it is sucked tight to the opening.
3. Tighten the screw on the door until an air pressure of  $2,2 \times 10^{-1}$  torr (0.3 mbar) is reached.
4. Then, turn on the plasma cleaner and wait until the purple light appears. It is easier to see when the lights are dimmed.
5. Glow discharge the grids for 30”.
6. Turn off the high voltage after the time is over and loosen the screw of the needle valve.
7. Only after the pressure is around 30 torr, turn off the pump.
8. Take out your grids. You may use them within a time of 30 min.