

NanoQAM

Centre de Recherche sur les Nanomatériaux et l'Énergie

QUICK START

Pico – Plasma Cleaner

Diener Electronic

Functioning

1. Make sure the O2 pressure is at 10 PSI (0.7 bar). The bottle is in PK2660

Probably this one



2. Power up the system



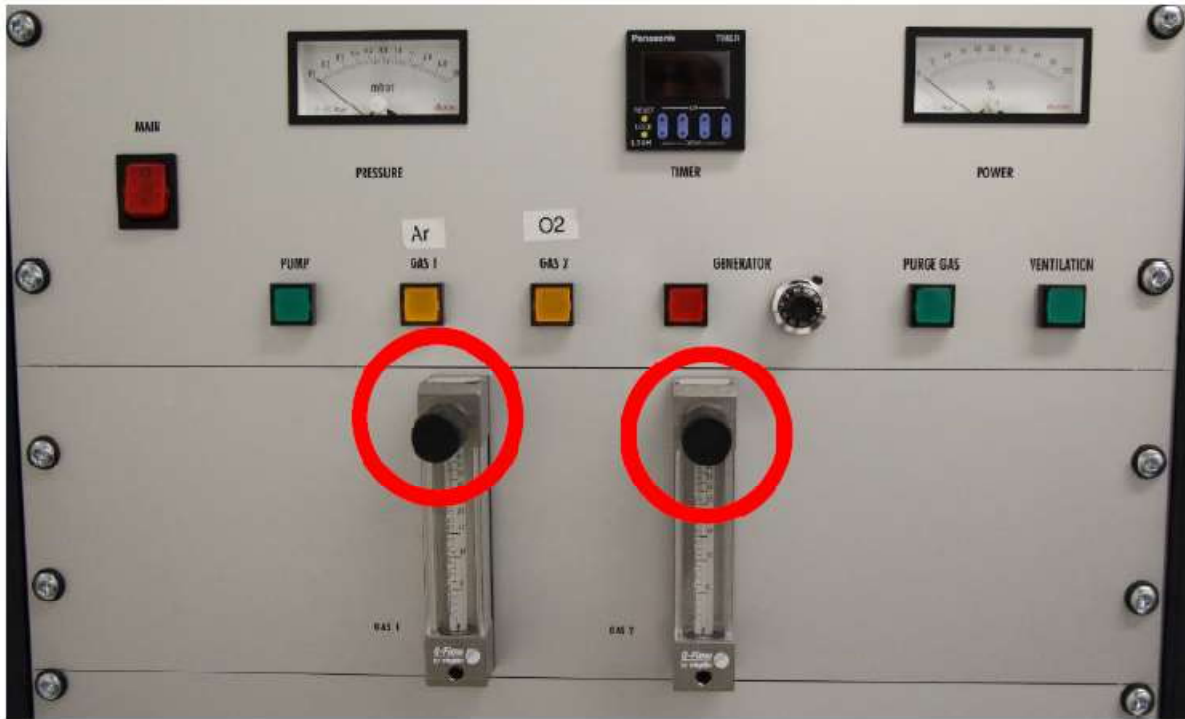
3. Place the sample in the chamber and start the pump. Wait for the pressure to be below 0.4 mbar



4. Set the time and power (see recipe)



5. Set gas flow (see recipe)



6. Start generator



7. Wait until pressure stabilize (see recipe)

8. Wait until plasma cleaning is finished

9. Unselect gas and wait 2 min.

10. Stop the pump

11. Vent the chamber until room pressure



12. Stop vent

13. Unload the chamber

14. Close the door of the chamber and power off the plasma cleaner.

Standard Recipy

Pressure	0.5 mtorr
Power	90%
Flow	10 sccm