

NanoQAM

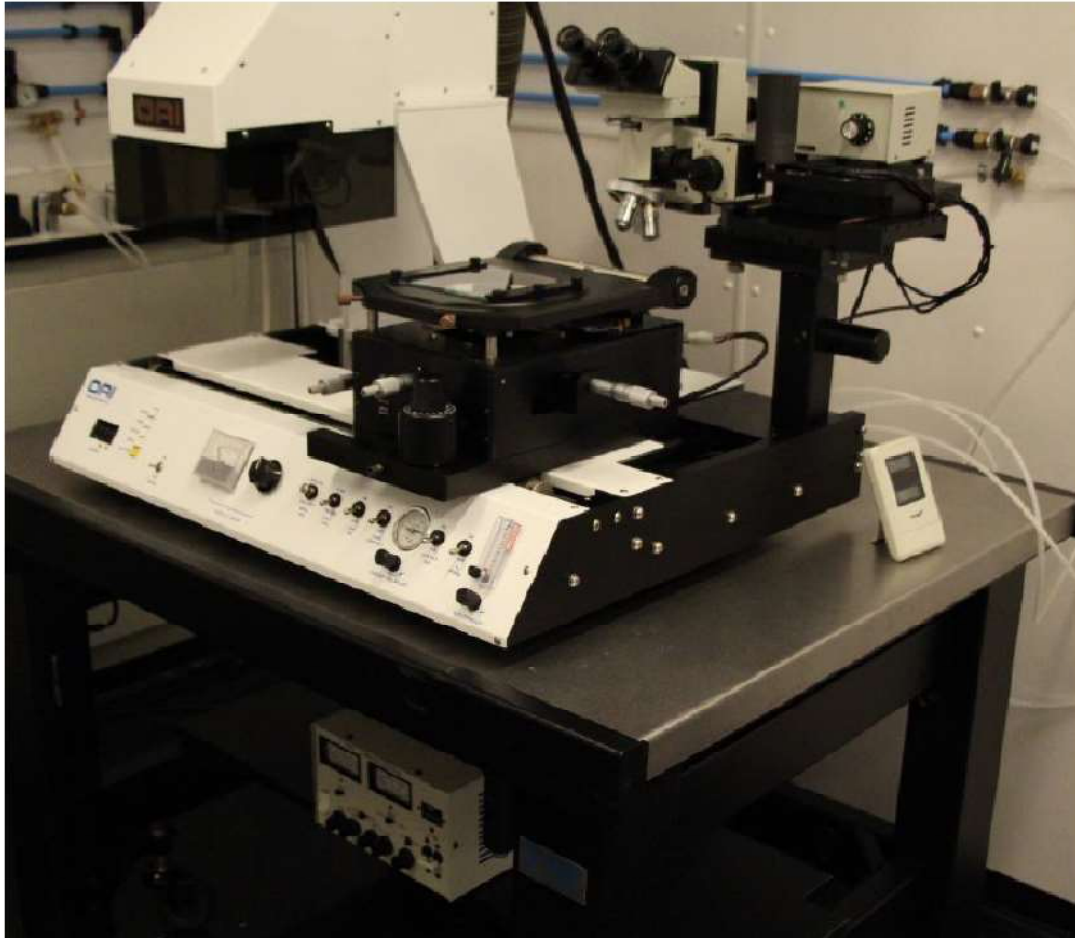
Centre de Recherche sur les Nanomatériaux et l'Énergie

QUICK START

Mask Aligner

OAI, Model 200

Setp by Step Procedure



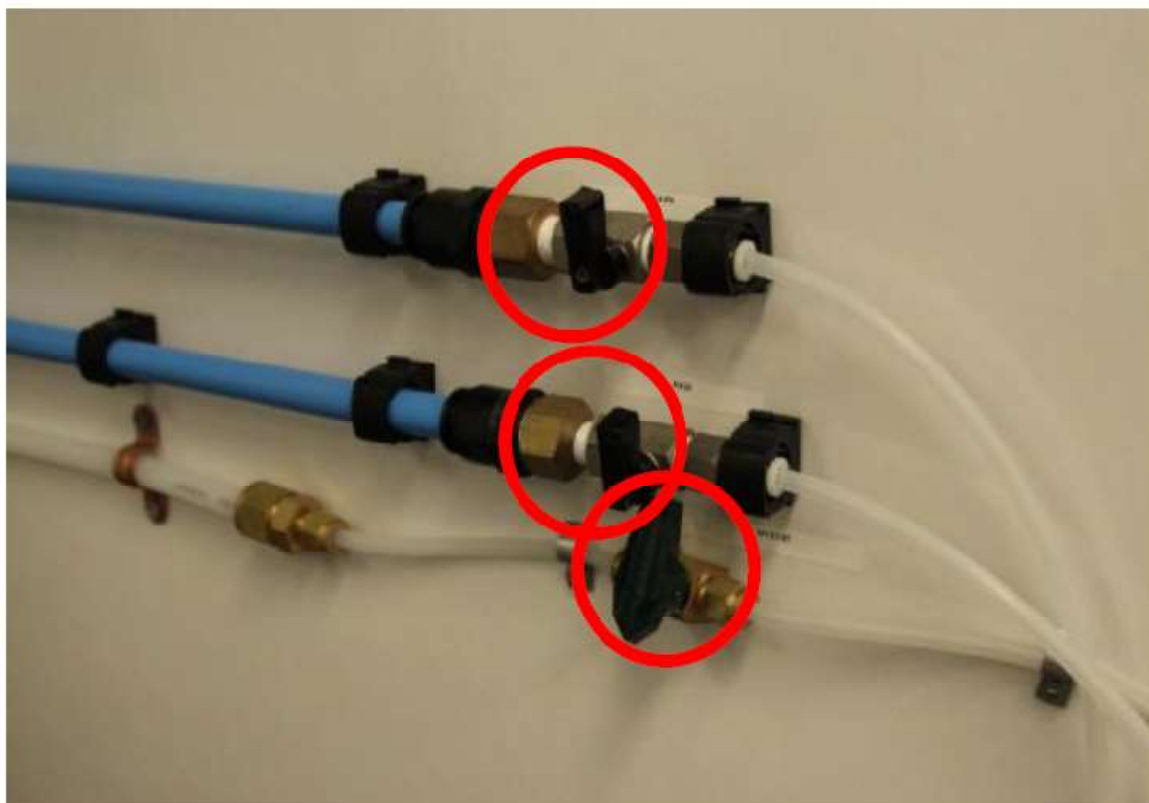
1. Power up the system



2. Power up the lamp (1). Wait 2 min.
3. Start the lamp (2).
4. **Wait for minimum 20 mins.**



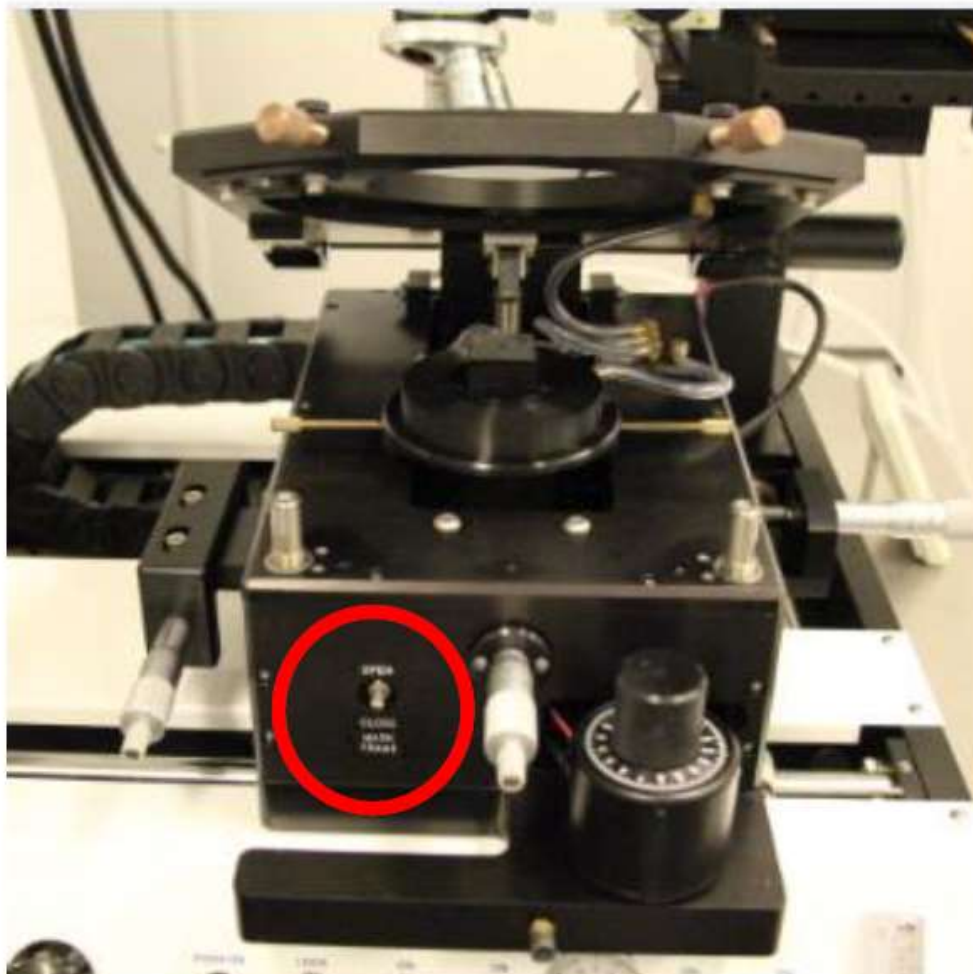
5. Turn on the gas (all 3)



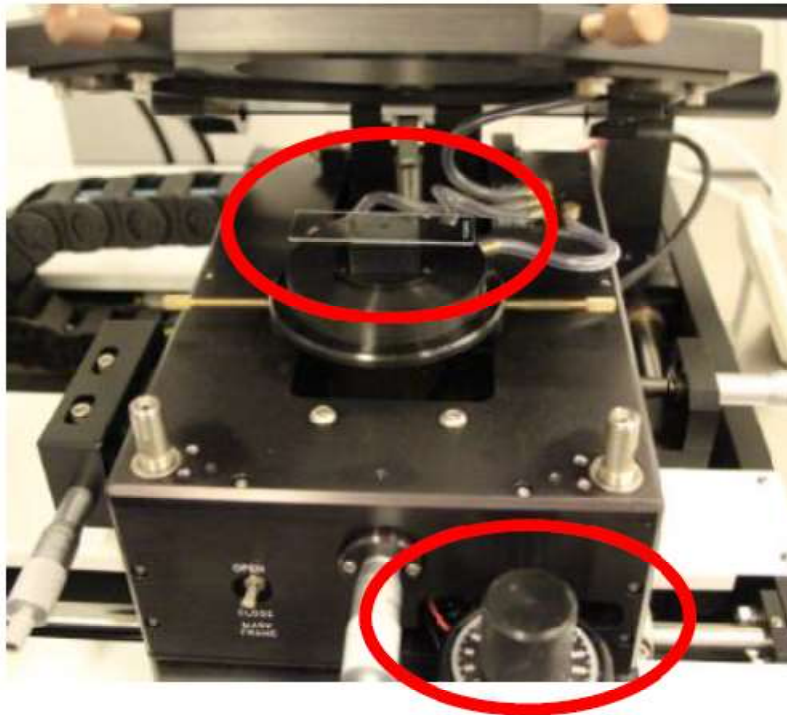
6. Adjust the chuck Z (around 40, see photo)



7. Open mask frame. Load your sample.



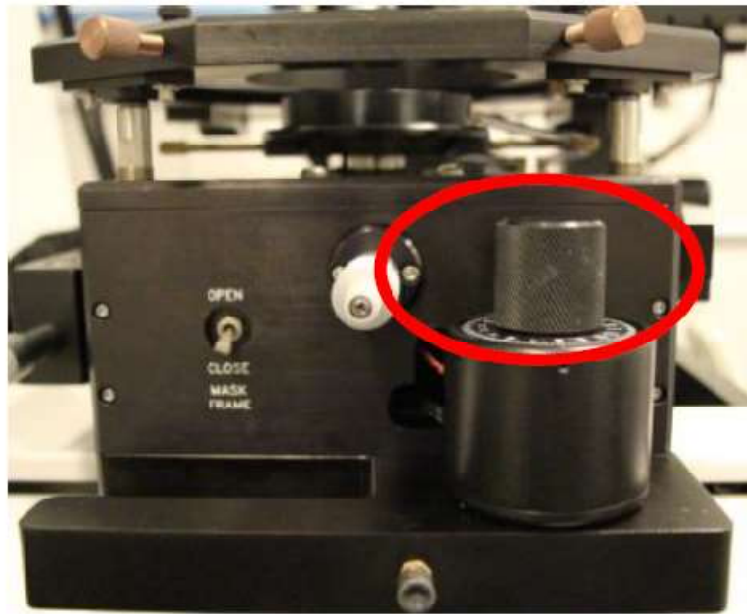
8. Load your sample. **BEFORE CLOSING THE MASK FRAME MAKE SURE THAT THE MASK FRAME WILL NOT TOUCH YOUR SAMPLE. ADJUST Z IF YOU ARE NOT SURE.**



9. Turn on the sub vac.



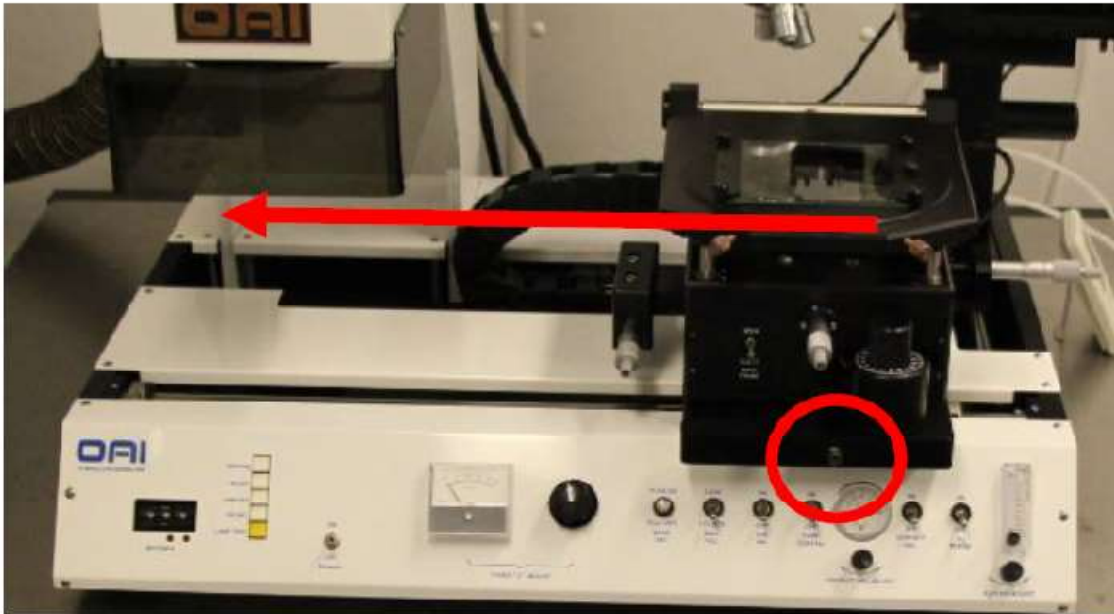
10. Turn the knob until your sample touches the mask frame (you will see patterns emerge in the glass).



11. Adjust exposition time.



12. Move the cart under the lamp. The lamp will turn on.



13. When the exposition is finished. Bring back the chart and unload your sample following the steps in this order : Adjsut Z, stop sub vac, open frame, unload sample

