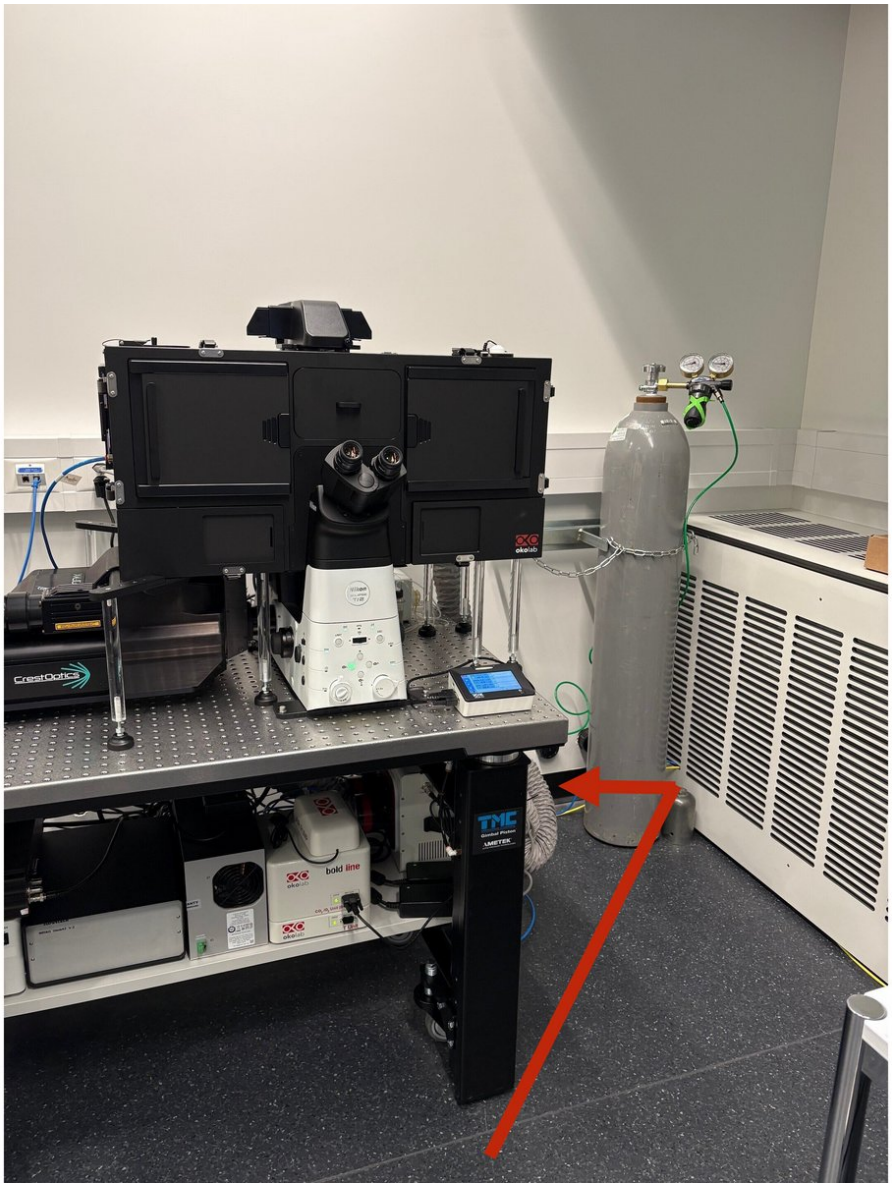
Nikon SD 2 (Irchel): Environmental control

Written By: z mbstaff

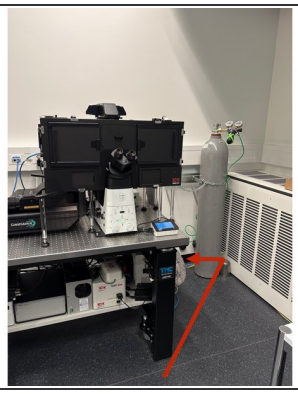
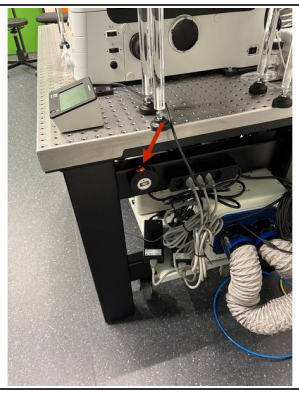
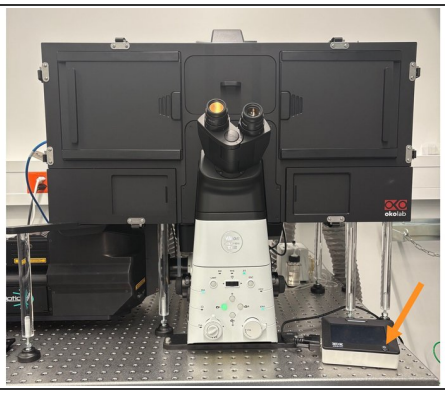


INTRODUCTION

This guide will show you how to switch on the environmental control at the Nikon Spinning Disk.

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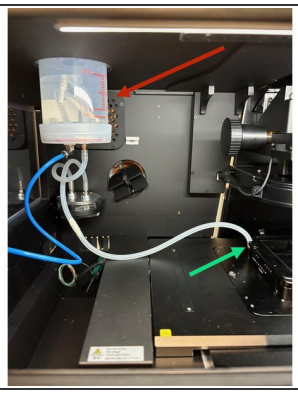
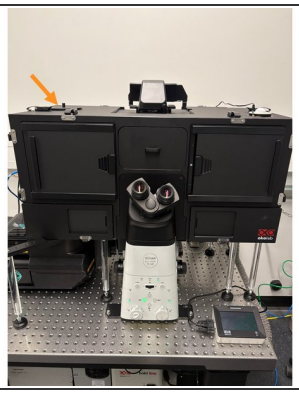
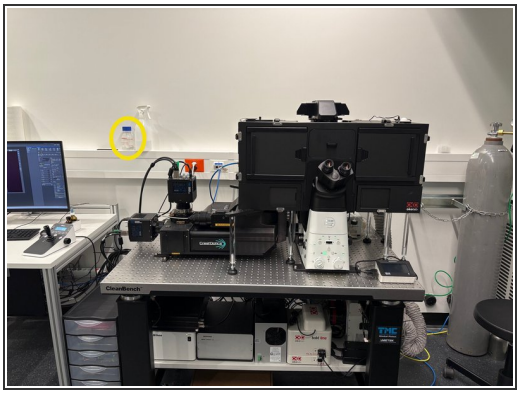
Step 1 — Turn on the enviromental control

ⓘ We advise you to start heating up the temperature at least 30 minutes in advance. Make sure that the incubation box is fully closed while heating.

- Switch on the enviromental control on the right side of the table
- Switch on the Okolab touch screen - hold for few seconds.

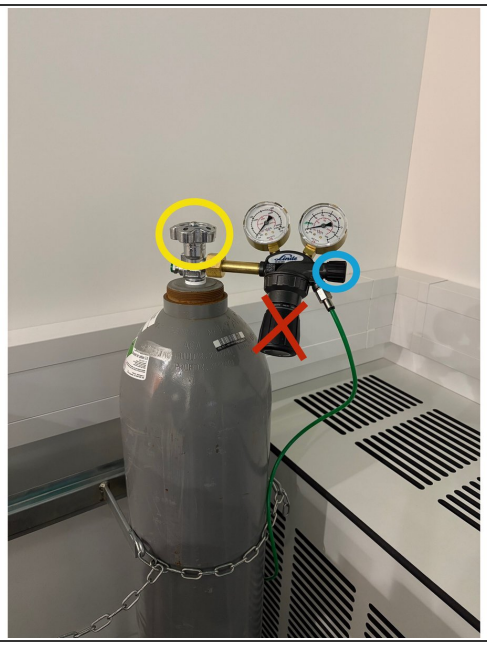
Step 2 — Check water in humidifier

- Check if you have enough water in the humidifier.
- If not, fill that from the top.
  - There is a bottle of MiliQ on the wall.

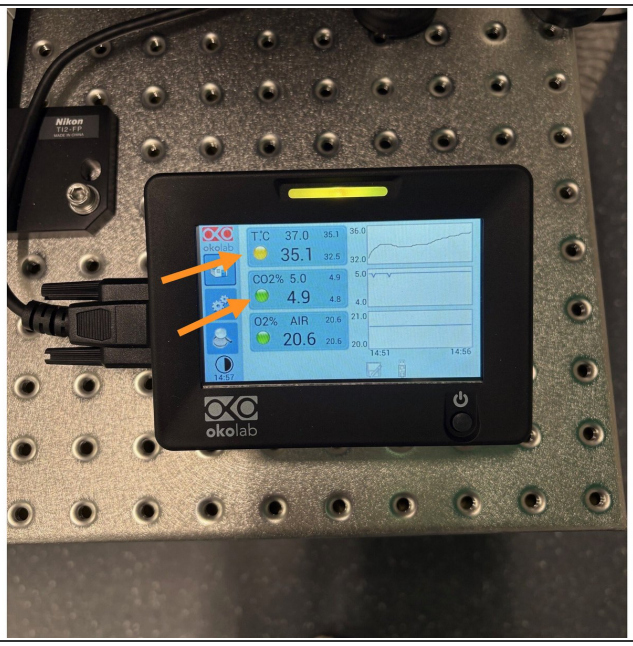
  ⓘ *If you see, there is almost no water left in the bottle, please let the ZMB staff know!*
- Check that the humidifier is connected to the live cell chamber

Step 3 — Open CO2 bottle



- Open the main valve of the CO2 bottle
- Open the small valve of the CO2 bottle
- Open the N2 valve, if needed.

Step 4 — Monitoring



- Monitor CO2 level and temperature on the touch screen
- Once the level is stable the orange dot will turn green