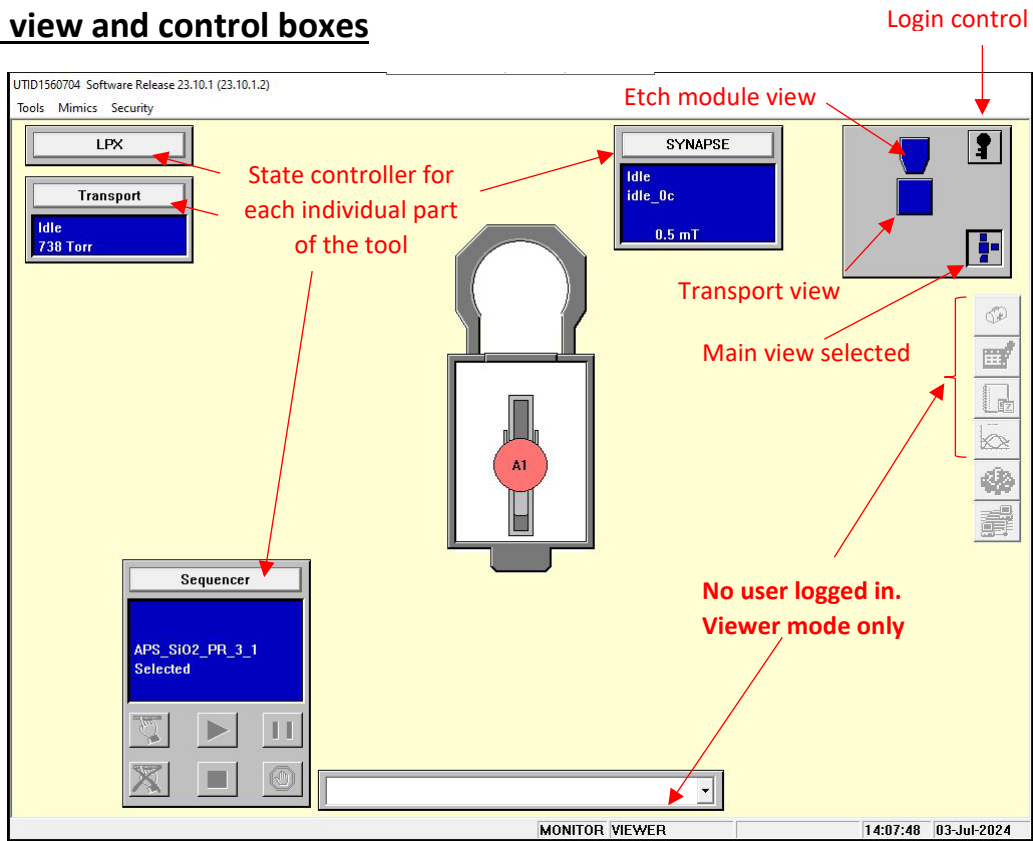


# SPTS Synapse Dielectrics Etcher

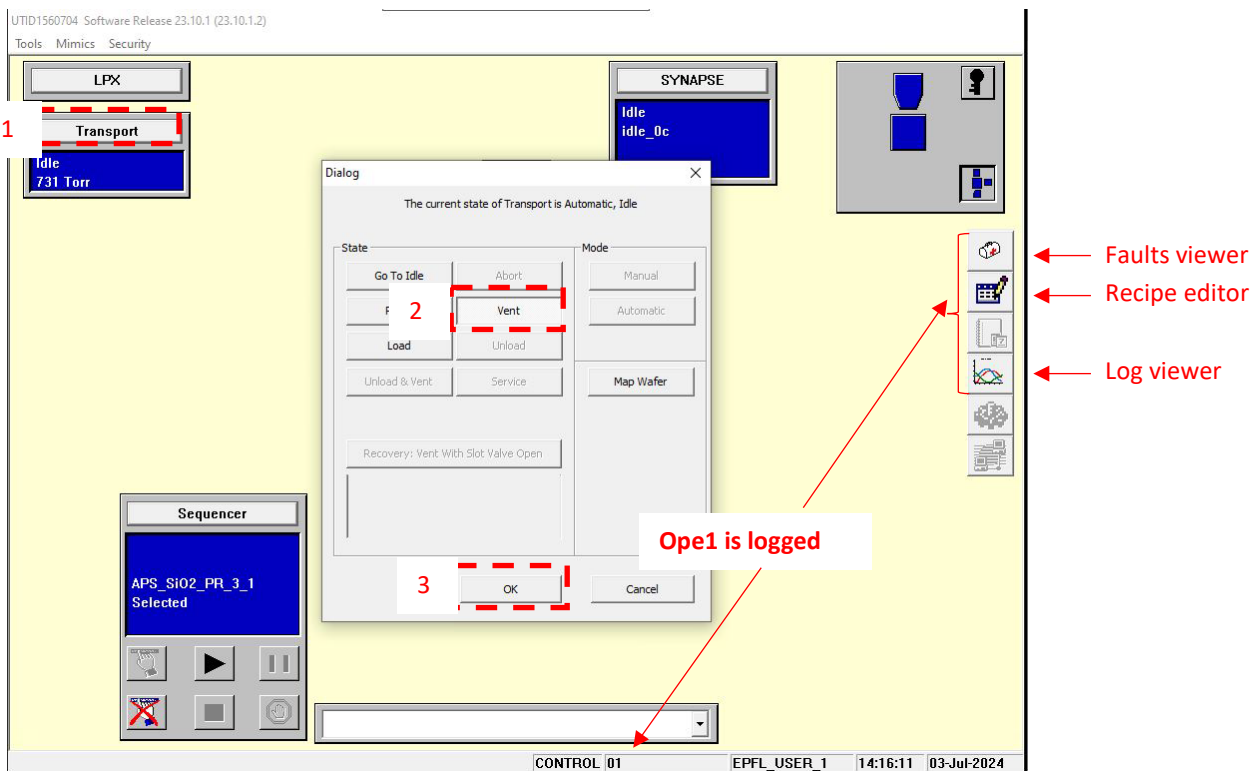
## Login, main view and control boxes



Log on software if necessary (auto logout after 30min) **Login ID: 01**  
**Password: 01**

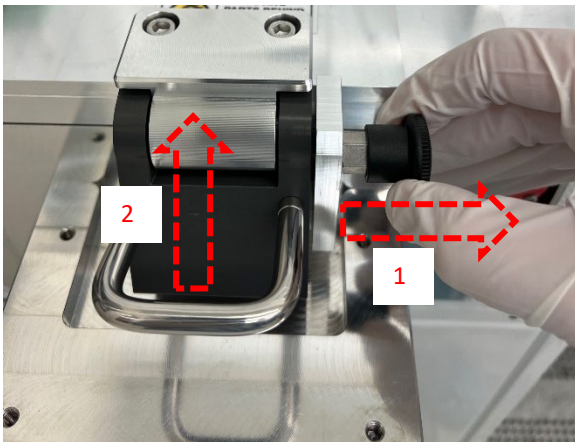
Select the **main view** as starting point.

Click **1 "Transport"**, **2 "Vent"** and **3 "OK"** in order to bring the loader to atmospheric pressure.

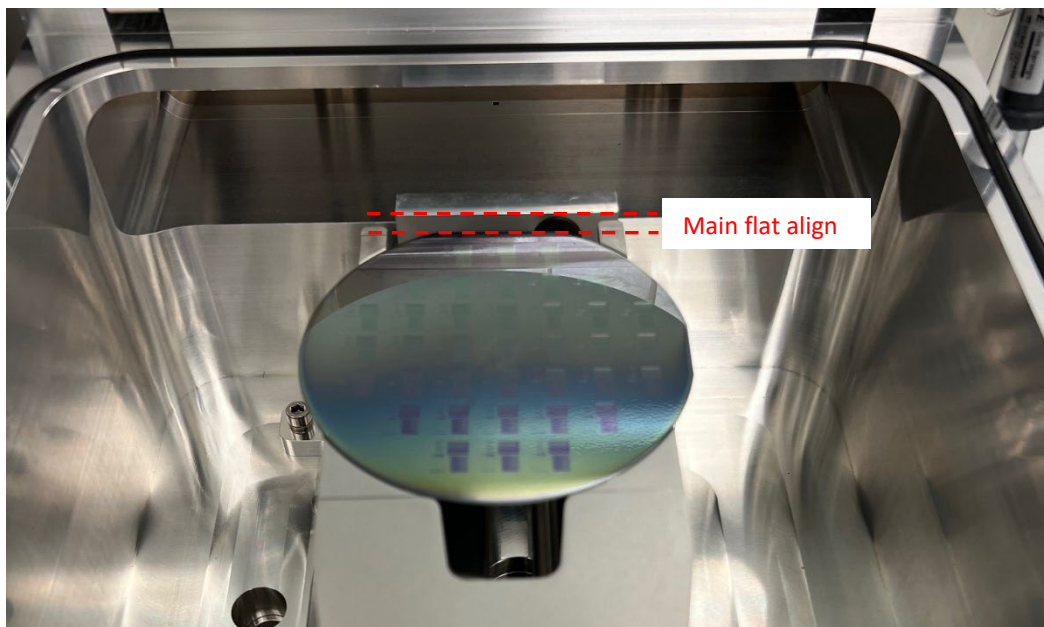


## Loading the wafer

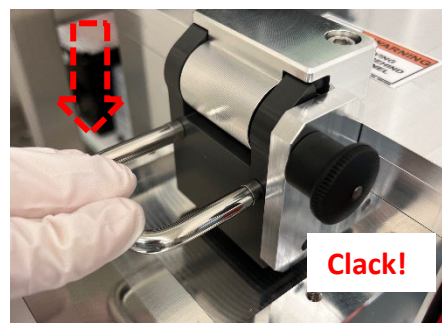
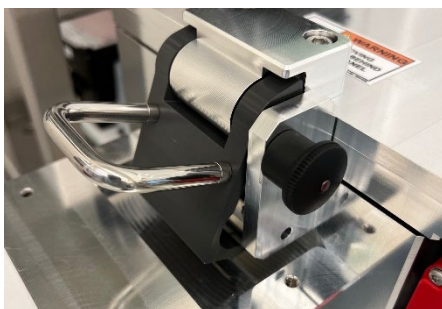
When at air, **1 unlock the loader** by pulling on the black knob and **2 lift the cover up**



Load the wafer with its **main flat facing the rear of the loader**. Wafer rotation alignment is done visually.

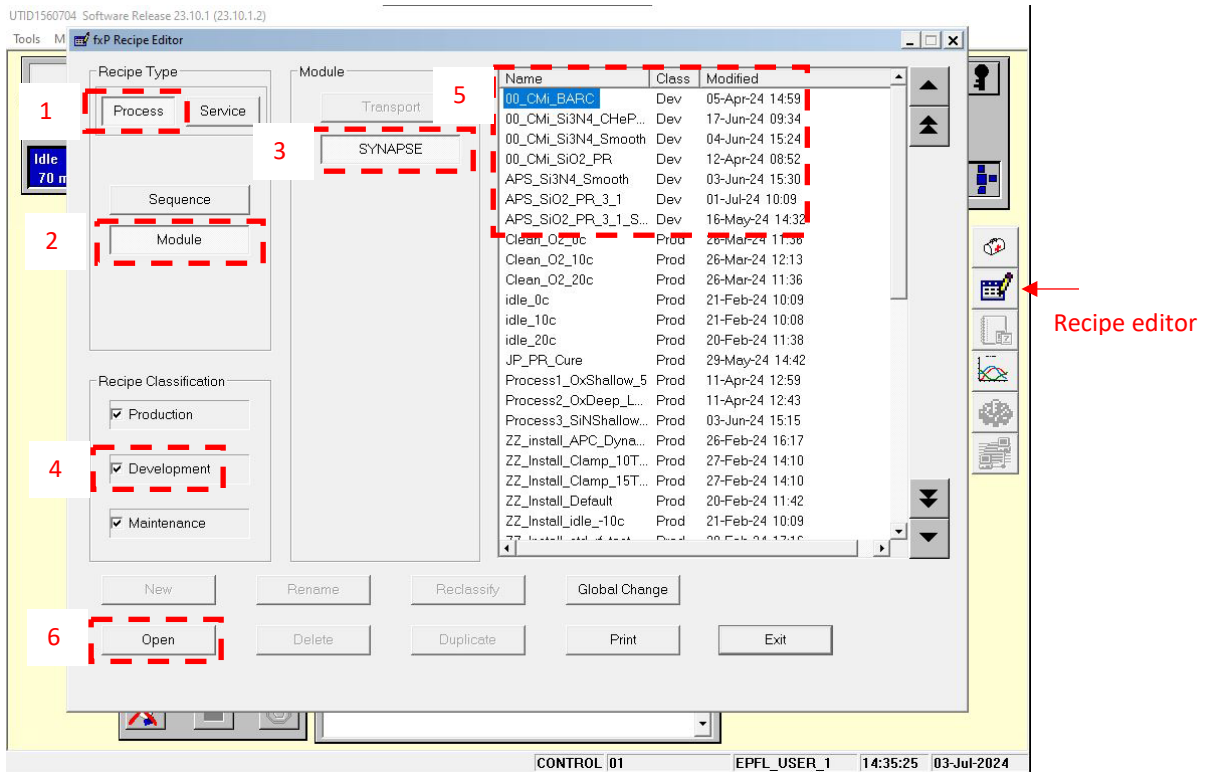


**Close the cover and lock it**

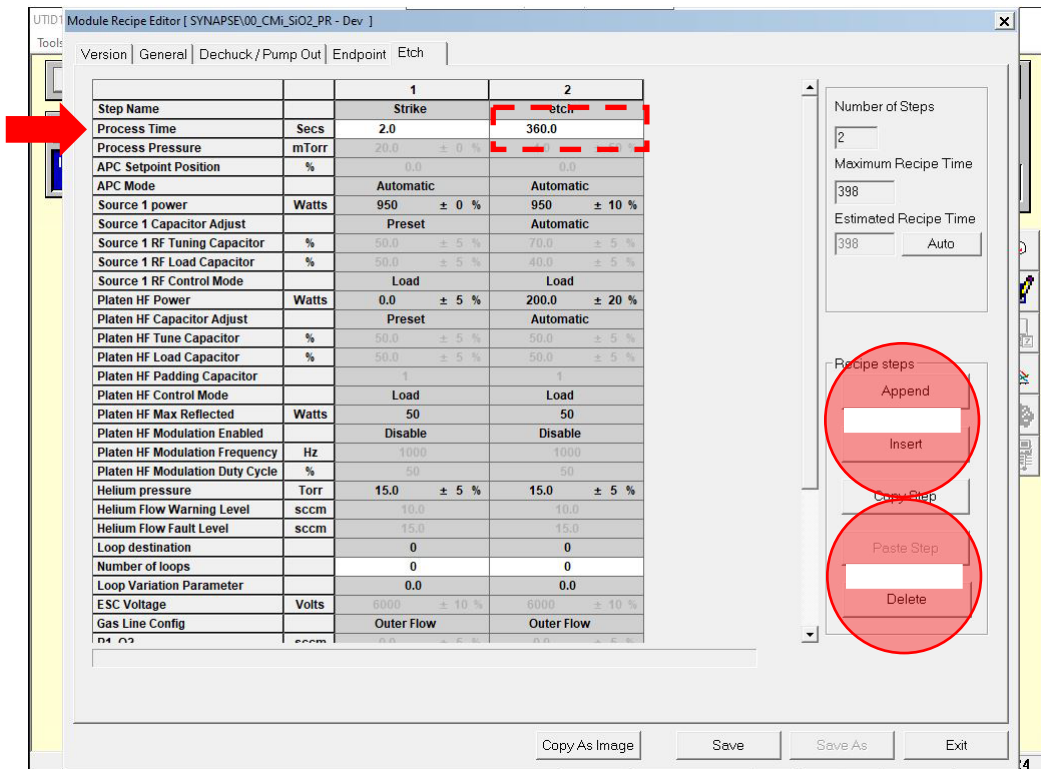


## Recipe edition

Open the recipe editor, select 1 “Process” & 2 “Module” type recipe, 3 “Synapse” module and 4 “Development” classification to shorten the list with only recipes of interest. 5 Select your recipe in the list and click 6 “Open”.





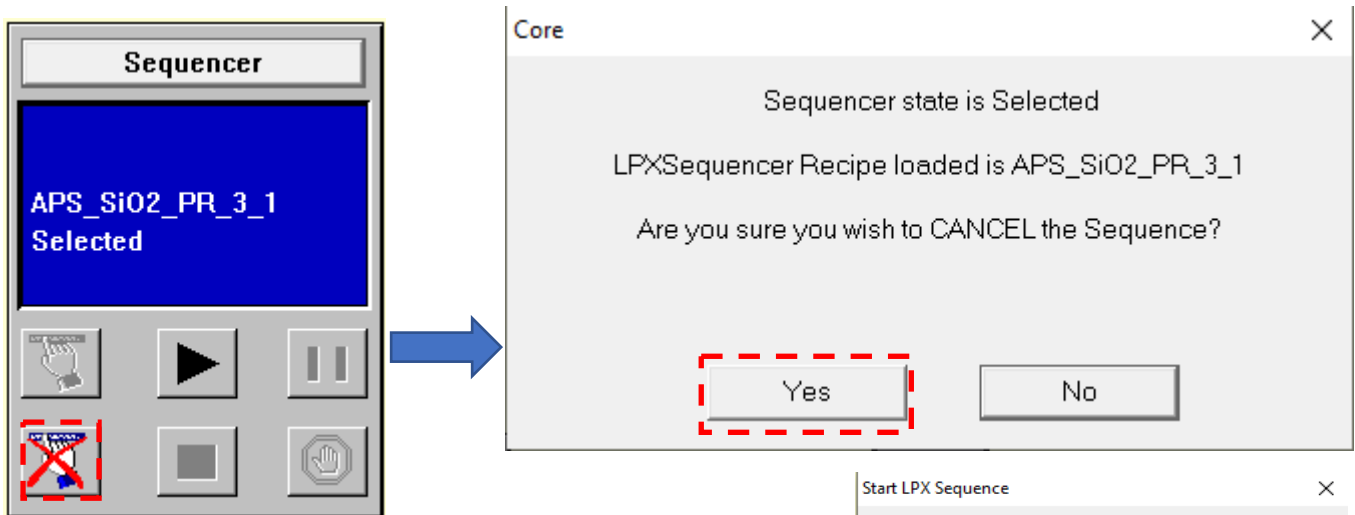
!!!! DO NOT Append/Insert/Copy/Delete Steps of recipes !!!!



“Save” and “Exit” until your reach software main view.

## Recipe start – from main view

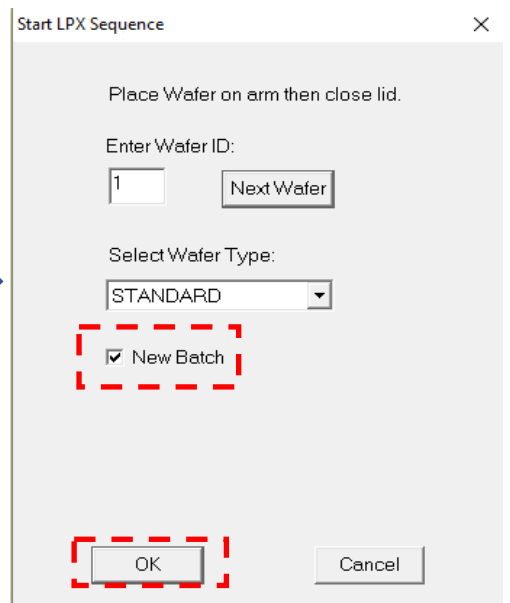
In case the button  is not available on the **Sequencer**, reset it by clicking on  and then **“Yes”**.



Then click  to **Select Sequence**.

Then press , tick the **“New Batch”** box and click **“OK”**.

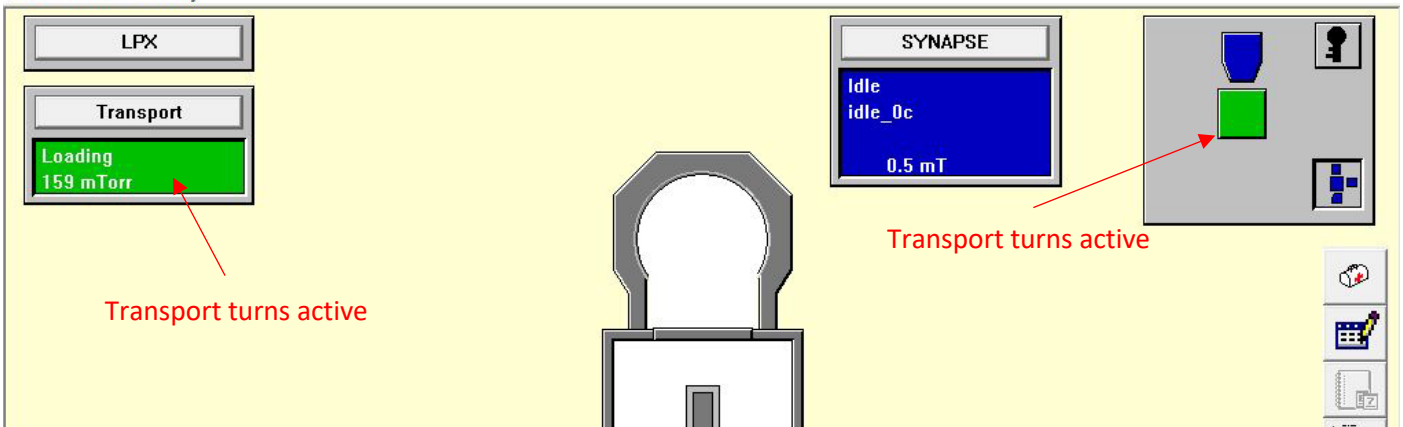
Finally **Confirm Sequence START**.



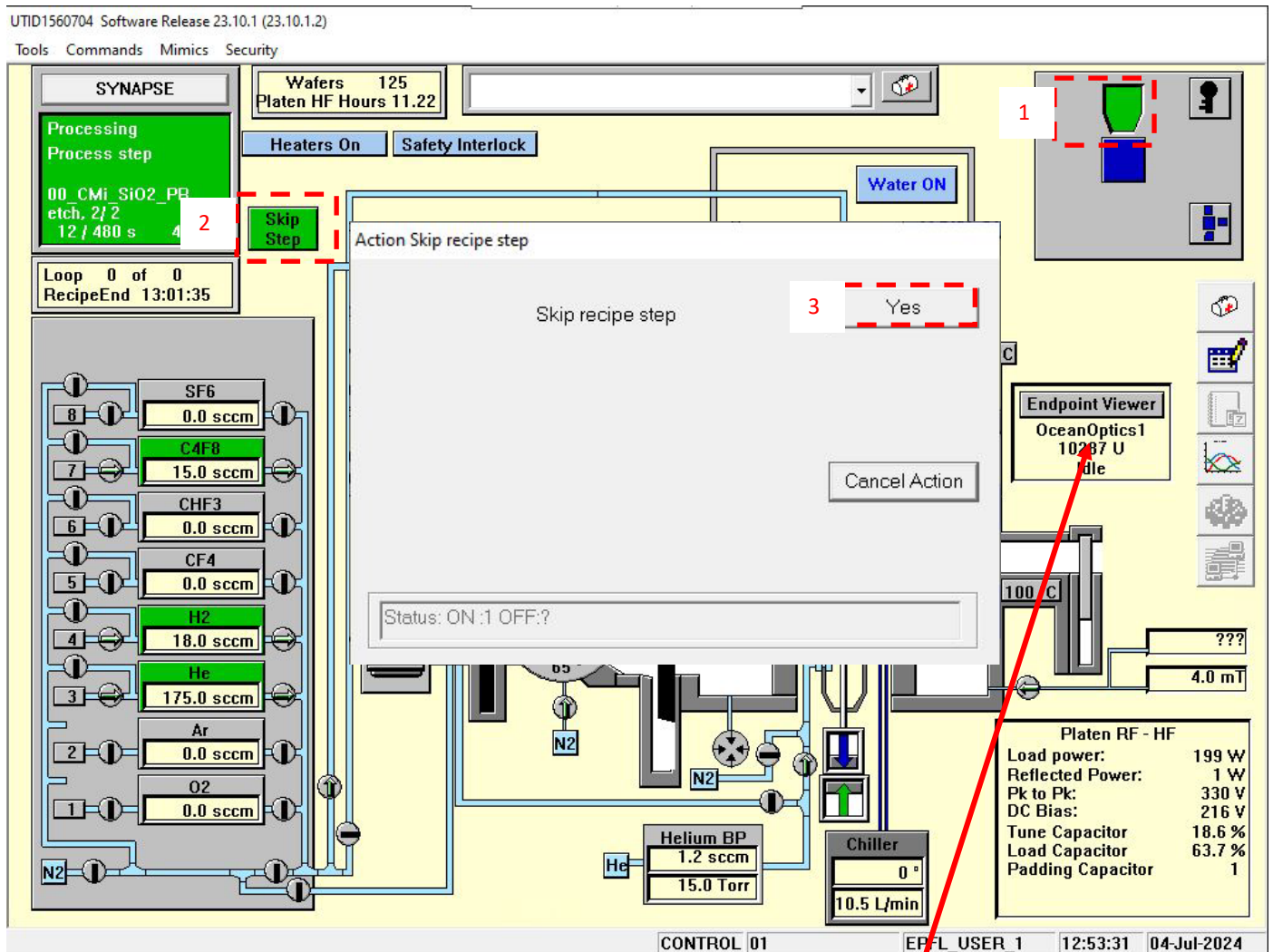
**Transport** will turn green until the wafer is fully loaded in the Synapse chamber.

UTID1560704 Software Release 23.10.1 (23.10.1.2)

Tools Mimics Security



During the process, it is possible to stop the etch anytime when **Skip Step** is available: **1 Select Synapse module view**, click the **2 Skip Step** button, and **3 confirm the action**.



The system is fitted with integrated OES end-point system. Click on **“Endpoint Viewer” OceanOptics1** to open vision of the registered curve.

After etch, the Synapse chamber may auto-clean while the loader returns to atmospheric pressure. If so, just wait for the auto-clean to complete automatically (not action required).

When finished with the tool, **close the cover and lock it. And return the Transport to Vacuum**

