

Modifying the Deposition Temperature in a Personal Recipe

Standard Temperature in PECVD2: 300°C

Setting the Temperature to a Lower Value

1. **Vent the chamber, open the lid, and leave it open.**
2. **Load your recipe.**
3. Click on the **first step** in your recipe ("**Initial**").
4. Change the **Electrode Temperature** from **300°C** to the desired temperature (e.g., **150°C**).
5. Click on "**Set Recipe Temps**" in the lower-left corner.
6. Ensure that the temperature is **decreasing**.
 - **Cooling down may take up to 45 minutes.**
7. **Close the lid and pump down the chamber.**
8. Run your process at the new set temperature.
9. After the process is complete:
 - **Vent the chamber, open the lid, and unload your substrate.**

Setting the Temperature back to 300°C

1. Ensure the **lid is open**.
2. Load the "**STD CH₄/O₂**" clean recipe.
3. Edit the recipe and click on the "**Initial**" step.
4. Verify that the **Set Temperature (Sett T)** is **300°C** (**Actual temperature will still be 150°C**).
5. Return to the **Recipes** menu.
6. Select the "**STD CH₄/O₂**" recipe.
7. Click "**Set Recipe Temps**" in the lower-left corner.
8. Ensure that the temperature is **increasing**.
 - **Heating up may take up to 10 minutes.**
9. **Close the lid and pump down the chamber.**
10. Run the clean process for the required duration.