

Asher Simplified Operating Procedure



1. Place the wafers or specimens into suitable quartz boats. The quartz boats are located on top of the controller unit.
 2. Make sure the chamber is vented. If the door is locked, pull up the knob and turn it in clockwise direction by 90 degree. Unlock and open the chamber door. **Note: If door cannot be opened (under vacuum), press “Process for Production menu” and press “VENT TO ATM”.**
 3. Load the boat into the chamber. Place the boat in the center position of the chamber.
 4. Close the door, turn the knob in counter-clockwise direction by 90 degree and push the knob down to lock the chamber door.
 5. Press “Process for Production menu” on the controller screen.
 6. There are four columns in this submenu. Go to the last column “Recipe File” and press to select the desired recipe. **Note: There are two types of recipes, Descum & Strip. The number after recipe text is duration (minute) of RF power turn on.**
 7. Press “START PROCESS” to start the run.
 8. Once press “START PROCESS”, press on YES when prompt with a question “Start Auto Process With using Recipe: xxx.RCP?”. The chamber pumps down automatically and after reaching the base pressure process starts and display process real time graph monitor screen.
- Note: If the process needs to be aborted anytime, press “ABORT WITH PURGE” on the screen to abort the process. Press “VENT TO ATM” to vent the chamber. Before touching quartz boats, verify boats are not hot. If they are still hot, open the door to cool them down.**
9. “Process Finished” is shown on the screen when process is complete and chamber is vented to atmosphere automatically. Press YES to get back to recipe screen. Press “EXIT” to logout the system.
 10. Pull up the knob and turn it in clockwise direction. Open the chamber door and take out the quartz boats. **Note: Before touching quartz boats, verify boats are not hot. If they are still hot, open the door to cool them down.**

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