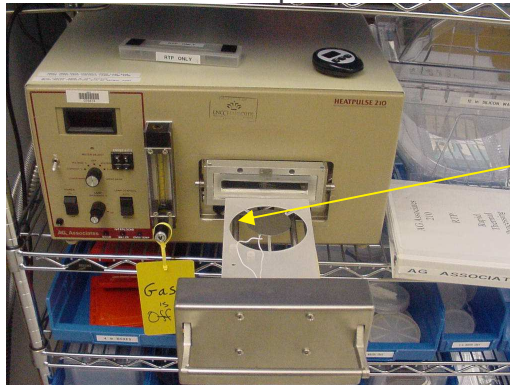


Procedure

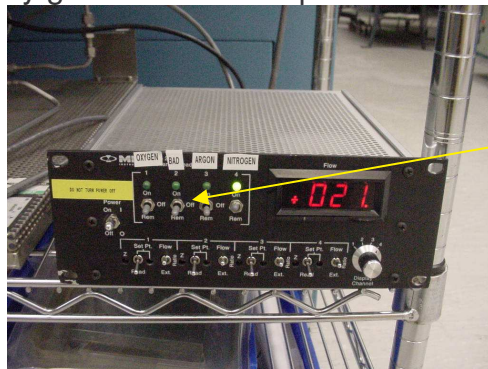
AG 210 RTP -Rapid Thermal Processor

1. Verify water chiller is on and water temperature is 10° - 18°C
2. Verify temperature meter on front of RTP is switched to pyrometer.
3. Verify starting temperature of RTP is < 100°C on the front meter. If reading is negative, turn power on and off. If this does not correct the problem, wait 10 minutes and repeat.
4. Verify all interlocks are off
5. Open chamber door, load substrate to be processed, and close and latch door.



Load substrate to be processed on silicon wafer

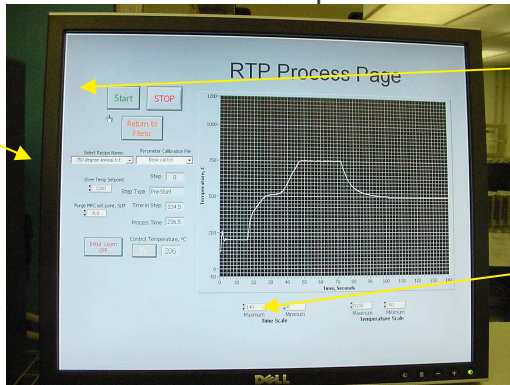
6. Turn on process gas desired from MFC controller. Available gases are nitrogen, argon, and oxygen. Verify gas line valve is open.



Gas control valves

7. Select program from menu. Contact Lab manager if a new program is desired.
8. Adjust X scale to match process time if necessary.
9. Press and hold start button with mouse until process starts.

Select program here



Start Button

Adjust X scale time here

- Press and hold stop button to abort process if necessary