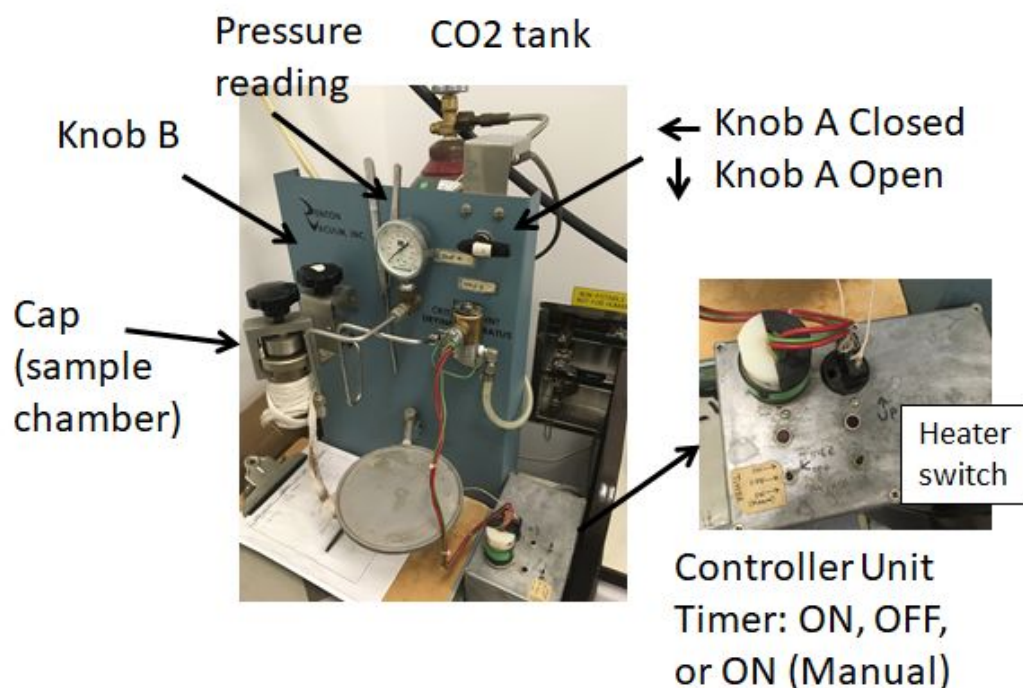


Critical Point Dryer - Quick start



1. Sign in to log sheet (Name, PI, date, start time).
2. Release the cap
3. Put the sample into the chamber.
4. Fill chamber with ethanol to a level below valve inside the chamber and reclamp cap and slightly tighten to be vacuum tight (DO NOT DEFORM O-RING).
5. Make sure (B) knob is in off, all valves off
6. Open the CO2 tank (1 turn)
7. Turn the controller to ON (Manual) <toggle down>
8. Slowly open (A) knob all the way, and listen for the leaking
9. Turn on (B) knob slowly and check flow out of the tube.
10. Keep the pressure meter in around 900 psi.
11. Turn controller to Timer: ON <toggle up> -> 1- 2 hours
12. Turn the controller to manual, turn knob (B) a little bit larger (See the flow to remove anything stuck in the tube), then close (B) knob and (A) knob.
13. Turn controller to Timer: OFF, and start heating by the heat control <toggle down>.
14. Pressure will go to 1500 psi and turn to ON (Manual) and slowly turn on (B) knob slowly to vent at a slow speed, which can save your sample ~ 100 psi per minute.
15. When the cap of chamber is warm, turn off the heater.
16. Wait until the vent to pressure is 0. (Can turn valve larger during process, but make sure there is still a slow vent speed.
17. Turn off all the valves
18. Remove your sample.
19. Close the CO2 tank and sign off on the sheet for time.