

Ultracentrifuges

Optima Max XP tabletop ultracentrifuge (PSC 555)

Every time you use the Ultracentrifuge, you MUST sign the log book.

Balance all tubes very carefully (weight balance not eye level).

Make sure tubes are sealed completely and all O-rings are intact and present on rotor lid.

Clean up any spills in the rotor and/or the ultracentrifuge.

If you use a swinging bucket rotor, make absolutely sure that both hooks are on the bar. Most rotor accidents are from swinging bucket rotors.

ATTENTION!!! If the ultracentrifuge is not working for any reason, press clear and try again.

Contact: Sonja Young (404) 413-5363; sstovall@gsu.edu

Beckman Tabletop ultracentrifuge, Optima Max - XP

1. Power on, ? front of the instrument. Log in run in log book.
2. Touch screen comes on. At the bottom in the middle of the screen will be the login button. After training, you will be given a login.
3. This screen is where you will set the time, temperature and speed.
4. Touch whichever parameter you want to set.
5. A number pad screen will appear. Type in appropriate numbers.
6. Select OK.
7. Repeat for all other parameters as needed.
8. After you are done, the screen will return to the main screen and show the #'s you have entered.
9. You can also set Accel/Decel. and see runs that have already been programmed.
10. Select the rotor button. A list of rotors for you lab along with their SN# will appear. Select the rotor you are using and then press OK.
11. Press Start
12. When your run is done, logout and turn off the ultracentrifuge. Note any problems in the logbook.