

# High Speed Centrifuge Instructions

These are general guidelines to help remind users who have already been trained

1. To turn on the instrument push the power button on the front of the instrument in the upper right area below the door open button. Turn the instrument on and push the door open button.
2. There is already a rotor set in the centrifuge. If you need another rotor there are other rotors available. Ask the lab technician for details. Unscrew the screw at the top of the rotor to remove the cover and insert your tubes. Make sure to balance the tubes by placing them apart from each other.
3. Place the cover back on the rotor and make sure it is screwed on tight. There are 3 main controls on the instrument: temperature, speed and time.
4. The temperature setting is the temperature that the centrifuge will run at while spinning the tubes. The max setting is the highest temperature the centrifuge will allow while running. The max temperature must be at least 2° higher than the minimum temperature.
5. The speed setting is the RPMs or RCFs at which you wish to run the instrument. The instrument can be toggled between the two settings at the right.
6. The time setting is the amount of time that the instrument will run the tubes.
7. There is a code setting for the rotor that will tell the instrument at which speed that particular rotor must be run to reach the required RPMs. The codes for the rotors are listed below the other switches.
8. The break switch should remain on unless you have very delicate samples. Having the break on will help the instrument slow down after the spin has completed.
9. Start the instrument when all the settings are correct for your protocol by pushing the white start button.
10. Fill out one of the Usage cards by the instrument and drop it in the Usage Box on your way out.