Headway Spin Coater Programming Guide

- There are 10 recipe locations (0-9)
- To select a recipe press "**Recipe**" and then the desired recipe number

- <u>To delete all steps in a recipe and start with a new one</u>:
    - Press "**Recipe**"
    - Press "**Clear**"
    - Press the desired recipe number to clear
    - All steps in that recipe will then be deleted
        - *NOTE*: Individual steps cannot be deleted, but steps can always be added to a pre-existing recipe

- <u>To edit a recipe:</u>
    - After selecting the desired recipe number press "**Step**" then select the desired step number (typically "**1**")
    - Press "**Speed / Ramp**" until the spin speed appears and use the number pad to select the desired speed followed by pressing "**Enter**"
    - Press "**Speed / Ramp**" until the ramp rate appears and use the number pad to select the desired ramp rate followed by pressing "**Enter**"
    - Pressing the "**Speed / Ramp**" button will continually toggle between speed and ramp so their respective values can be verified and altered as needed per the above instructions
    - Press "**Step Terminate**" to edit the time of the step followed by using the number pad to enter the desired step time followed by pressing "**Enter**"
        - *NOTE*: There is a decimal place in the time entry that must be entered when entering the desired time
        - *NOTE*: The ramp rate <u>IS NOT</u> included in this time so you don't need to add additional time to accommodate the ramp of the speed. The system completes the desired ramp prior to stating the time of the step
    - To edit subsequent steps, at any time press "**Step**" and then the desired step number and then edit that step per the above instructions
        - *NOTE*: The very last step of a process needs a speed of 0000 and a time of 0 seconds (the default time of every step is 999.9 so the last step needs to have this time changed to 0 seconds)
    - Once finished building the recipe press "**Step**" then "**0**" to get out of editing mode so the process can be run

- Insure the Vacuum and Exhaust settings are set to "**Auto**" (This is the default value and should show **AU** in the display and not **ON**)
- After loading your sample and spinning material, press the GREEN button on the floor pedal to start the process. The RED button is EMERGENCY STOP.