

## Environmental Shaker Incubators

### New Brunswick MaxQ 400 tabletop (PSC 555)

**Every time you use an Incubator Shaker, you MUST sign the logbook.**

**Use only short screws.**

**Secure all tubes and flasks – they shouldn't move when shaking.**

**If you set the temperature for anything besides 37°C, please leave a note and change it back when you are done.**

**If you hear any kind of grinding sound, STOP.**

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

### New Brunswick MaxQ 4000 Incubator Shaker

1. ON/OFF switch located on the right hand side of the shaker,. Stopping or starting the shaker is controlled by the START/STOP key.
2. Continuous Run./Set Speed. Press SELECT until the bar next to RPM indicator is illuminated. If the display says OFF, press the START/STOP key. Press either UP or DOWN arrow keys to enter SET mode (the SET bar on the left will illuminate). Set the speed by using the UP or DOWN keys until the desired set point is displayed. Holding the UP or DOWN keys will cause the setting to change more rapidly.
3. Checking any Set point. Press SELECT until the desired indicator bar is illuminated. Press either UP or DOWN keys to enter the SET mode and display the current set point.
4. Timed Functions. Press the SELECT key until the HRS indicator is illuminated. Press either the UP or DOWN keys to enter the SET mode and set between 0.1 – 99.9 hrs. While the SET indicator bar is illuminated, press the START/STOP key to program the time (and start the run). The TIME indicator bar will light and remain on for the duration of the run. At the end of the timed run the display will read OFF, the TIME indicator will flash and the audible alarm will “beep”.
5. Temperature Set point. Press the SELECT key until the function °C indicator bar illuminates. Use the UP and DOWN keys to increase or decrease the temperature. If the temperature is more than 1 °C higher or lower than the set temperature, an alarm is triggered. The alarm will stop once the correct temperature is reached.
6. Total Running Time. The total running time since the ON button was selected. Press SELECT until the HRS indicator is illuminated. Simultaneously press the UP and DOWN keys. The SET and MAINT indicator bars will flash and the accumulated running time will be displayed in hundreds of hours (ex. 02 equals 200 hours). To stop flashing, press SELECT.

If you need to deactivate an alarm, the temperature control system or the MAINT indicator lights up, call Debby.