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ThermoQ Quick-Start Guide

(when not run remotely from a computer)

INDICATOR LIGHTS

There are two indicator lights to the right of the display.

The top light indicates the status of the sample block: i) red = heating, ii) yellow = incubating at target temperature. and iii) green = cooling. Please note that the sample block cools more slowly than it heats.

The bottom light (green) indicates the status of the heated lid: i) when the green light is on it means that that the heated lid is on and functioning normally, and ii) when the green light is off it means that the lid is off or not functioning properly (in the case of active incubation).

1) To change a program or to restart the last program, you must power the unit off and then back on. Once the system is turned on, you **MUST WAIT 5 SECONDS** to make any changes to either temperature or time.

2) INCUBATION TEMPERATURE

To set temperature first press either the UP "▲" OR the DOWN "▼" arrow key until the temperature on the display flashes. The display is the temperature in 10's, 1's, and tenths of degrees. To increase temperature, press the UP "▲" key. To decrease temperature, press the DOWN "▼" arrow key. By pressing either key the temperature will change by a tenth of a degree at a time. Holding down the key will cause the temperature to change more rapidly. Once the temperature is set, the system will automatically heat/cool to that temperature.

3) INCUBATION TIME

To set the time of incubation first press both the UP "▲" and DOWN "▼" keys simultaneously for three second until the time is displayed and blinking. The time is displayed in minutes (up to 999 minutes). Use t the UP "▲" key to increase time and the DOWN "▼" arrow key to decrease time. To set "infinite" time, hold the UP "▲" key down until you see "--" which occurs just after the max time of 999 minutes. Holding either button for a few seconds will cause a more rapid change to the time.

Once you have reset the incubation time, the system will beep when the timer gets to 0 and it will use a fan to passively cool down to room temp (this takes about 10 minutes). To view the how much time is remaining for an incubation (if not on infinite time), just quickly press the + and - together (for less than 2 seconds), at any time during the run to display the time (it will return back to the temperature display after a few seconds).