

## Environmental Shaker Incubators

### Stacking Shaker, refrigerated (PSC 555, 637, NSC 368, 460)

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.

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### MaxQ 6000 Stackable Incubator/Shaker and Refrigerated/Shaker (Refrigerated: PSC 555, 637, 833, NSC 368, 460; Non-refrigerated: PSC 637, 368)

1. Turn shaker on – front panel.
2. Hold down appropriate arrow key in the speed module of the control panel, up or down until desired speed is set (up to 500 rpm). SET RPM light will illuminate.
3. Press SPEED ON/OFF key to begin shaking.
4. Speed can be changed without pressing the START/STOP key. Simply press the appropriate up or down arrow until desired rpm is reached.
5. Press and hold up or down arrows to either increase or decrease temperature. Release key when desired temperature is reached.
6. Once set, temperature control is initiated by pressing the TEMP ON/OFF key.
7. During operation, the up or down arrows can be used to adjust the temperature.
8. Setting Timed Shaking:
  - a. Press TIMER/CONTINUAL key until TIMER and SET TIME lights are illuminated. The HOURS or MINUTES light will also light up.
  - b. Press HOURS/Minutes key for desired timing mode.
  - c. Hold down appropriate arrow key in the TIME module up or down, until desired timing cycle is set from 0.1 hour up to 999 hours or from 0.1 minute to 999 minutes depending on which timing mode is chosen. SET TIME light will illuminate.
  - d. Press SPEED ON/OFF to begin timed shaking; Timer will count down from time selected. An alarm will sound when time is up and shaking will stop.
9. Setting Continuous shaking:
  - a. Press TIMER/CONTINUAL key until TIMER light is illuminated. The Hours or MINUTES light will also light up at this point depending on which option was selected.
  - b. Press HOURS/MINUTES key for desired timing mode.
  - c. TIME display should show 000. Press SPEED ON/OFF to begin shaking. Timer will begin to count up and display accumulated time in display window.
10. Refrigerated shakers. After 2 minutes, the compressor/refrigeration system is activated. This delay is NORMAL and is a safety feature to prevent damage to the compressor.
11. The defrost timer will automatically engage every 4 hours.