

BIOCHROM THERMOSTAR INCUBATOR SHAKER

QUICK START GUIDE



1. Connect the instrument to the power socket and switch the instrument on, using the green button on the front of the instrument. A green light will indicate the instrument is turned on.
 - ✓ Consult the user's manual for important safety information.
2. Set the 4 parameters by scrolling through the options on the display using the up and down arrow keys. See fig. 1.

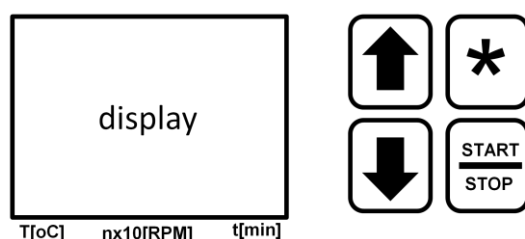


Figure 1. ThermoStar Keypad and Display
Up and down arrows are used to scroll through settings. Use the * or set key to first change and then save the new setting.

3. Settings and programmable range:
 - ✓ **Temperature**- ambient to 45 degrees in 1 degree steps
 - ✓ **RPM** (revolutions per minutes) 200 – 1500 RPM (110V/60Hz) or 200-1300 RPM (220V/50Hz) in 10 RPM steps
 - ✓ **Acceleration** -1,2 or 3 (Level 1 is a gentle setting for sensitive samples, level 2 is faster and for less sensitive samples and level 3 fast for non-sensitive samples)
 - ✓ **Time** -1 to 999 minutes or HLd for user-terminated.
4. In order to set a parameter, use the up and down arrows to find the desired parameter. Select the set button (*) to change a parameter and then use the up and down arrows to view and select required settings. Select the set button again to save. Set each of the four parameters.
5. Place plate(s) in the instrument.
6. Press the start/stop button to initiate the instrument. The instrument will not start shaking until the correct temperature has been reached

Note: The ThermoStar holds up to four microplates. An optional tube rack can be also be purchased which holds up to 56 microtubes.