

Standard operating procedure of incubator shaker

1-Objective: This instruction describes the use, maintenance and calibration of the shaker incubator

2 - Function range: This device is for providing a special controlled environment for the growth of microorganisms and cells and should not be used for unrelated purposes.

3- Responsibility: The laboratory expert is responsible for the correct operation of the device and in case of any problems, he should be informed.

4 - Materials and equipment: Erlenmeyer for incubator shaker are needed to operate the device.

The device requires accessories such as transformers.

5 - Method of work:

1- Turn on the power of the device. This device has the ability to program time and temperature up to three intervals it has time and three temperature ranges.

2 - Press the temp button of the device and set the required temperature with the down and up arrows Show. Then press the square button. If different temperatures are needed, do this three times for Repeat temperatures t1, t2 and t3. If you need the same temperature for a long time

Set all of the above to one temperature.

3 - Press the time button of the device and the time required for the set temperature by the arrows facing Adjust down and up. Then press the square button.

3- Adjust the stylish amount of the device shake by pressing the relevant button and press the square button to stabilize it.

4 - Press the start button and then turn on the stylish key. Flashing the device temperature starts to flash Shows that indicate the start of the device.

5 - After the required time, press the stop button and then turn off the device.

6. Safety and advice: Be careful when using the device with high speed. If you need to work for a long time, be sure to coordinate with the laboratory expert. Do not leave volatile substances with the lid and don't place incendiary materials inside the device.

7. Maintenance and care: After finishing the work, turn off the device and wash the used dishes.

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Full file name	Standard operating procedure of incubator shaker
Document description	These instructions describe the usage, maintenance and calibration of incubator shaker which is kept in Core laboratory.
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