

Standard operating procedure of Autoclave

1. Objective: This instruction describes the use, maintenance and cleaning of an autoclave located in the comprehensive research laboratory.
2. Operating range: This device is used for sterilizing laboratory equipment and sterilizing biologically hazardous waste materials.
3. Responsibility: The laboratory expert is responsible for the correct operation of the device and in case of any problems should be reported to him.
4. Materials and equipment: distilled water
5. Method of work:

First, it should be noted that the autoclave water level indicator is within the allowable range, and if necessary, adjust the water level of the device by adding distilled water.

All steam and dewatering valves of the device must be closed.

Close the autoclave door completely with the screws around the door.

Turn on the device using the main key, depending on the type of material and equipment inside the device, you must adjust the appropriate autoclave cycle by holding down the RUN button to perform the sterilization process correctly.

After selecting the appropriate program; Press the RUN button for 5 seconds to turn the device status indicator light into working mode.

At the end of the autoclave cycle, the continuous whistle of the device sounds as a sign of completion.

At this time, you must first turn off the device via its main switch and then gently open the pressure relief valve until the steam pressure of the device is completely discharged.

After ensuring the pressure relief by using special gloves, goggles, suitable work clothes and observing safety tips, you should gently open the screws of the device door. Unload the equipment inside the autoclave.

6. Safety and advice:

Never turn on the device without water.

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