

SOP-E037

Operation of the Steam Sterilizer

Purpose: To steam-sterilize laboratory goods and solutions. Typical applications include: utensils, glassware, porous goods, surgical instruments, and liquids in open or vented containers.

Procedure:

1. ON/OFF control button. Turn on the sterilizer by pressing the green button, which will illuminate. Off will not illuminate.
2. Go to the process screen and select a cycle. Use the UP/DOWN arrows to scroll through the list of cycles. The black bar at the right side of the screen indicates more cycles than will fit on one screen. As you continue to scroll, the screen will update and show another screen of cycles. Stop scrolling when the cursor highlights the cycle number you wish to run.
3. Press Enter. The exposure time, exposure temperature, drying time, and the cycle name for the selected cycle appears at the top of the SELCT CYCLE screen.
4. Press OK. The process screen with the cycle information for the selected cycle displays (depending on the type of display chosen as the default).
5. Loading the sterilizer. Gentle upward or downward pressure on the door's handle raises or lowers the door. Open the door by pulling slowly downward. Place the load into the chamber. Always use a tray, to contain any spill over or breakage.
6. When sterilizing liquids, the containers should be placed in a water bath.
7. Close the door by pulling the door slowly upward.
8. Press Start.
 - a. The door automatically seals and the DOOR SEALED LED illuminates.
 - b. During the cycle, the PROCESS LED illuminates and the chamber temperature and the elapsed time in each phase display on the display screen.
 - c. At the end of the cycle, the PROCESS COMPLETE LED illuminates and the buzzer sounds.

If the LED appears green, the cycle is complete.
If the LED appears red, the cycle was aborted.

If a process failure occurs, the PROCESS FAILURE LED illuminates, an alarm sounds, the process stops, and a diagnostic message is displayed at the bottom of the main window and is printed out.

Press CLEAR ALARM to clear the message and silence the alarm.

9. When the cycle is completed, slowly lower the door and remove the load using safety (heat-proof) gloves.
10. Close the door, pulling slowly upward, and push the control button off.

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Date: _____

Verified by: _____

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