

## Standard Operating Procedure

SOP Number: **02-18-4153**

Service: **Research**

Operating Section: **Husbandry**

Unit: **CMF**

Title: **Operation and Maintenance of the Bulk and Two Door Sterilizers**

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### Purpose:

To outline instructions for operation and preventative maintenance procedures of the bulk and two door sterilizers.

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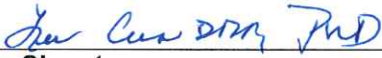
### Procedure:

- 1) During loading and unloading use safety gloves.
- 2) Operation:
  - a) If the control is in sleep mode tap the screen to wake up the system. The "Autoclave Control Screen" appears.
  - b) To select a sterilization cycle, tap the "Program Selector Key". Tap "**NEXT**" to go to the next page of the list and tap "**BACK**" to go back to the previous page. To select a sterilization cycle from the list, tap on the cycle number. The cycle can only be selected or changed when the door is open.
  - c) Press "**HOME**" when done. The "Autoclave Control Screen" re-appears. Make sure you selected the correct cycle.
  - d) Load the autoclave.
  - e) The door will close automatically; tap "**CLOSE**" and the "Close Door" message appears. Hold down the green button until the door closes. Keep tools, hands or any other body parts clear of the door while the door is closing! To re-open the door, tap "**OPEN**".
  - f) Press the start button, which is a green circle with a white "**I**" on it, on the autoclave Control screen to run the selected cycle. The "**RUN**" message appears while the cycle is active.
  - g) If a malfunction occurs during autoclave operation the "**RUN**" message will change to "**FAIL**". The user message will show "CYCLE FAILED". The buzzer sounds continually for six seconds. The autoclave enters "ABORT CYCLE" sequence. Tap "**FAIL**". The "Active Alarm Screen" appears. If the reason for the alarm no longer exists, tap "**RESET**" to reset the alarm. **The load has not completed a sterilization cycle, therefore it is not sterile. Handle it as a contaminated load.**
  - h) At the end of a successful sterilization cycle, a buzzer sounds four times, and the "CYCLE COMPLETE" message appears. Tap the "**COMPLETE**" button to release the door locking mechanism.
  - i) Open the door by pressing the "**OPEN**" symbol and remove the sterilized material.
- 3) Preventive Maintenance:
  - a) Before Each Cycle:
    - (1) Clean the strainer at the bottom of the chamber.

- (2) Verify that the door gasket and the surface that the gasket is pressed on are clean.
- b) Daily:
  - (1) Clean the door gasket every day with a soft cloth.
  - (2) Before the first operation of the day, warm up the jacket for at least 20 minutes with the door closed, even if READY is lit up.
  - (3) At the end of the last cycle, clean the strainers (2) at the bottom of the chamber.
  - (4) At the end of the day leave the door open.
- c) Weekly:
  - (1) Clean the cabinet and door parts, the internal walls of the autoclave, the shelves and the shelf rails with a soft cloth and detergent. **Clean the chamber while the autoclave is cold.** Flush the detergent away with water. If you used tap water, for the final flush use distilled or mineral-free water. **Do not use steel wool or steel brush as this can damage the chamber!**
  - (2) At the end of the week, or if the autoclave will stand for a prolonged period, clean the chamber when it is cold, and leave the door open.

**OFFICE USE ONLY:**

**APPROVALS**

Responsible Official Signature		Date	
		4/28/18	
QA Signature			Date
			04/28/2018
Version #2	Effective Date	Supersedes #1	Original Date 6/15/16