



## TITLE: MSB Operation and Maintenance of Autoclave

SOP Category: Facilities

RUAC SOP #: 2.19

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Effective Date: 11/10/21

Approval: Lisa Antonucci

Revisions: 3/18/25

### SCOPE:

This SOP covers the operation of three MSB Autoclaves Main Bulk autoclave, Biohazard autoclave and Gnotobiotic Autoclave

### OBJECTIVE:

This document establishes the procedures for operation of the Autoclaves at RBHS Medical Science Building Newark.

**Do not operate any autoclave unit until you are fully trained**

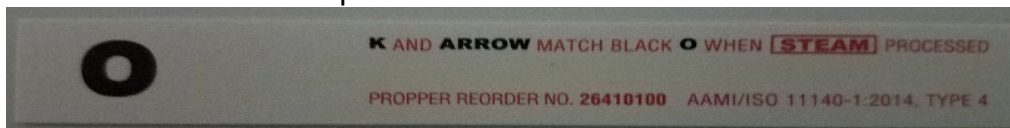
### MSB Large Bulk Autoclave

The bulk autoclave is a  
**Steris model Finn-Aqua**  
Located in Clean Side Cage  
Washroom A644, It's a  
single door operation.



### PROCEDURE:

- Press the Open Door button on the control panel to open the door.
- Push the load in. (Be sure the Jacket temp is at least 110 degrees F before starting).  
Be sure a steri-strip is attached.



- Press and hold the CLOSE DOOR button on the control panel until the door is closed.

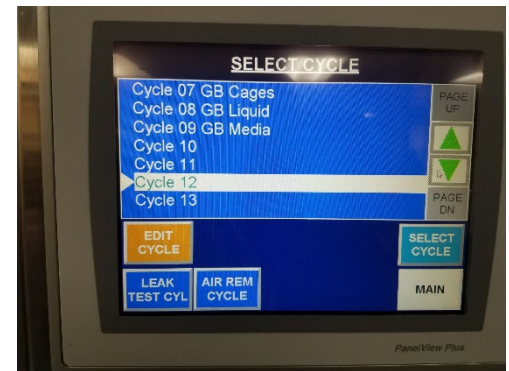
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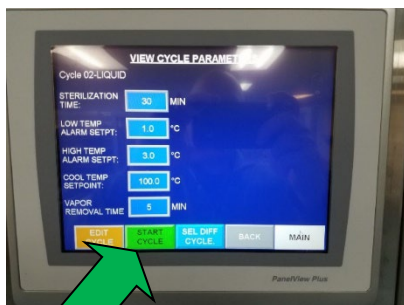
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- On the control panel, select from the menu which cycle you need: Cages, Liquid, or a Gnoto cycle. Press SELECT CYCLE.

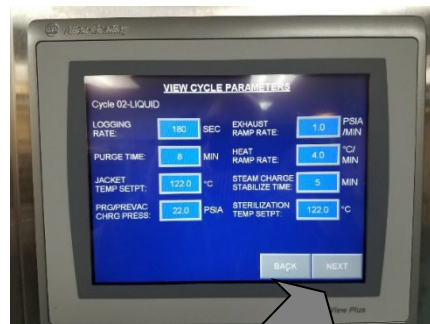
Programed Cycles



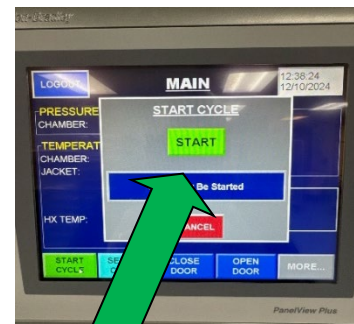
- Press the START CYCLE button on the control panel.
- Press the NEXT button then the START button on the VIEW CYCLE PARAMETERS pages on the control panel.
- Press the START button to start the cycle.



Start Cycle



Next Button



Start Button

- Document in log the information requested.
- When cycle is completed open the door by pushing the PRESS TO ACKNOWLEDGE END OF CYCLE & OPEN THIS DOOR button on the control panel.
- Using autoclave gloves, remove the load and place the steri-strip in the log for documentation of the load.



Press To Acknowledge End of Cycle & Open This Door



- Always have a 2<sup>nd</sup> technician around when operating the bulk autoclave. Emergency shut offs are noted on all machines.

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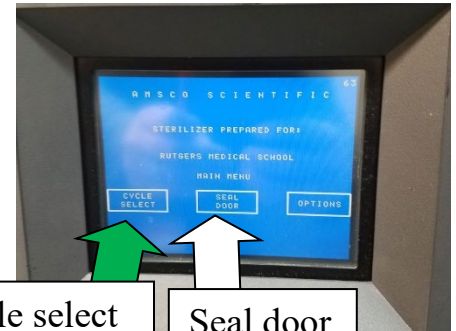
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## 507 Autoclave- is a Steris Amsco Scientific

The machine has a 2-door system and can operated from either side. Some cycles (Biohazard) require load and unload from opposite sides other cycles (liquid) can be loaded from same side.

### Procedure

- Move the door level to open/close autoclave door. If the door was sealed select unseal prior to moving the lever
- Load the items to be autoclave on autoclave cart
- Latch the autoclave cart to the autoclave and slide the rack into the autoclave
- Release autoclave cart by pulling lever and move cart away from autoclave.
- Shut door and lock using lever
- Once door is locked main menu screen appears
- Select "Seal Door"
- After door is sealed select "Cycle Select"
- All Programed Cycles populates, select appropriate cycle then hit



Cycle select

Seal door

Latch Cart

- "Start"
- Follow SOP Autoclaving for proper procedures for assuring proper sterilization and record keeping.
- Once Cycle is selected, cycle parameters appear
- Select "Start Cycle"
- Once Cycle is complete "Select Unseal Door"
- After door is unsealed, move door latch to open position and open door

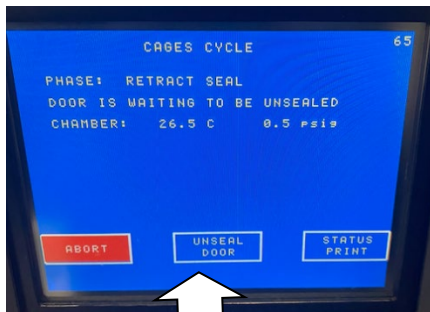
Programed Cycles



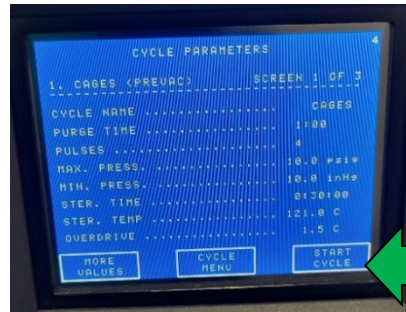
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Unseal Door



Start Cycle

## Maintenance of Autoclaves

- RV Industries performs preventative maintenance (PM) on the rack washers.
- Repairs are scheduled and coordinated with RV Industries through the RUCA supervisors, manager and the Assistant Director of Operations.