

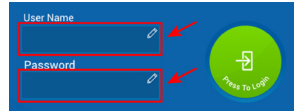


Steam Sterilizer Quick Start Guide

Start Up

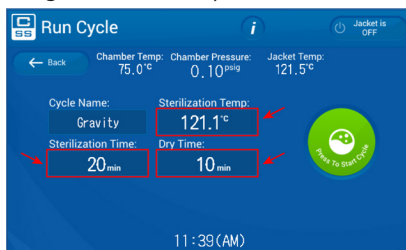
The X1 controller is always on. Simply touch the screen to wake it from sleep mode to run a cycle. If the jacket is not on, press the "Jacket is off" button on the top right to turn the jacket on.

If the sterilizer is equipped with security, press the "User Name" field to select the user from the dropdown list, then press the "Password" field to input the case-sensitive password. Push the green "Login" button.



Running a Cycle

1. Load the sterilizer chamber and close the door.
2. Select the desired cycle from the "Select a Cycle" screen. If more than two cycles are available, navigate to the cycle type tab and then select the desired cycle.
3. Review and edit cycle parameters by pressing inside the dark blue input boxes.
4. Push the green "Start Cycle" button.



Ongoing Preventative Maintenance

Consolidated recommends that an authorized service provider executes a preventative maintenance inspection once every 300 cycles and/or annually at a minimum.

Please contact Consolidated or your local authorized service provider for more information on services and parts.

Before Contacting Consolidated for Service

1. Check that the chamber drain strainer is free of debris.
2. Make sure that the sterilizer has pressure in the jacket (check jacket gauge).
3. Contact facilities to verify that the proper utilities (steam, power, and water) are being fed to the sterilizer.
4. Verify that you have correctly followed your facility's sterilization process procedure.
5. Have the sterilizer model and serial number available. Press the **i** button at the top to get this information.
6. You can find instructional videos here: <https://consteril.com/resources/instructional-videos/>

Load Preparation Best Practices

| Cycle | Application |
|---------|--|
| Gravity | Glassware, unwrapped goods, waste, utensils, redbags |
| Liquids | Media, LB broth, agar, water |
| Vacuum | Wrapped goods, packs, animal cages and bedding, porous materials |

1. Position packages to allow free circulation and penetration of steam.
2. Position items capable of holding water such that condensation will drain.
3. Place large or heavy items on the lowest shelf.
4. Do not place anything over the chamber drain — it may interfere with the temperature sensor.
5. Instruments like forceps must be sterilized in the open position.
6. Secondary containment should be used for all liquid loads.

Recommended Sterilization Time for Liquids*

| Liquid Quantity (mL) | Time Setting (minutes) |
|----------------------|------------------------|
| 75 | 25 |
| 250 | 30 |
| 500 | 40 |
| 1000 | 45 |
| 1500 | 50 |
| 2000 | 55 |

* Assumes sterilization temperature of 250°F/121°C. Sterilization of load should be verified during cycle development.

Daily Maintenance Reminders

- Clean the chamber drain strainer daily.
- Clean any spill immediately with C3 cleaner and pads.
- Do not use bleach-containing hypochlorites, corrosive chemicals, acids, or sea water inside the autoclave chamber.
- On units equipped with a carbon steel steam generator, ensure that the generator is drained daily. Use the EcoCalendar to set up jacket and generator on/off times. If equipped, automatic generator blowdown is initiated during the off time.

Warnings

⚠ WARNING!

RISK OF NON-STERILE LOAD

Please note that if a cycle is aborted prior to successful completion, it should be considered non-sterile and the load should be reprocessed. Wrapped goods may need to be repacked and reprocessed depending on cause of cycle failure. In case of uncertainty, consult your facility's SOP's.

⚠ WARNING!

BURN HAZARD

The operator **MUST** wear protective clothing including face shield, thermal gloves, and proper lab attire, when attempting to load and unload the chamber materials. Steam released from the sterilizer chamber can cause serious burns. Stand away while opening the door. If water pours out from the front of the sterilizer, **DO NOT** open the door as the chamber may be flooded. Contact service personnel before proceeding.