

STERLINK

mini

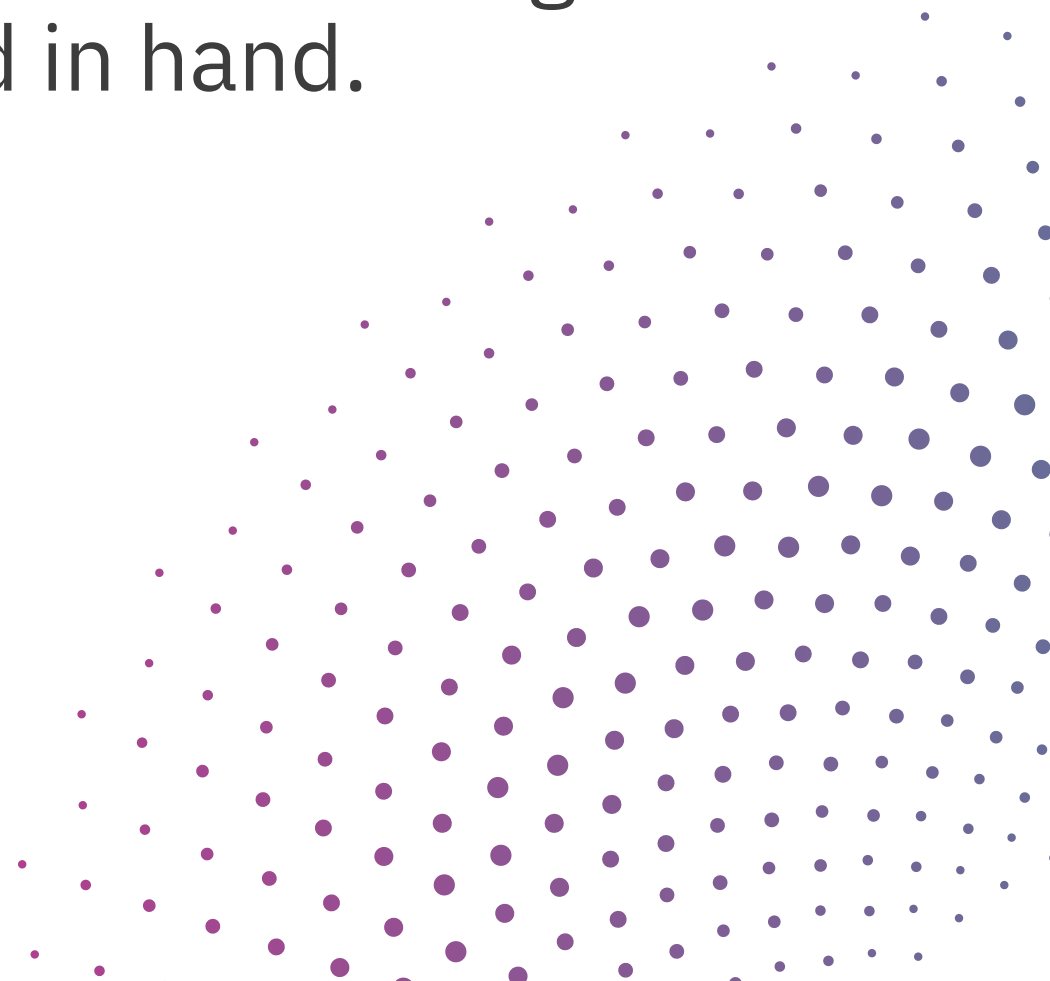
*plasmapp

Quick User Guide



Our Why

We believe that **tabletops** and **sterilization** go hand in hand.



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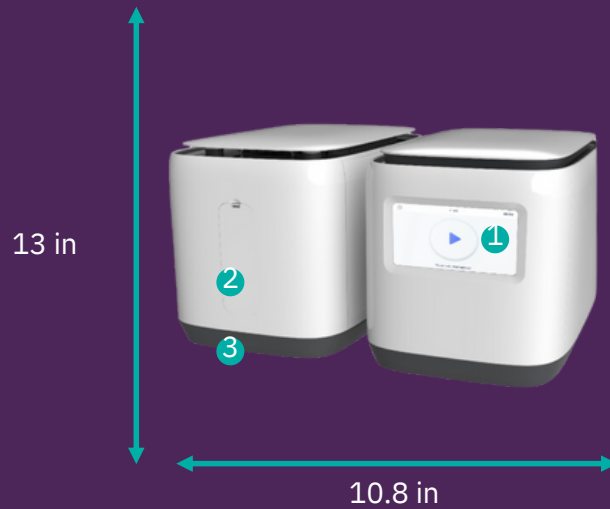
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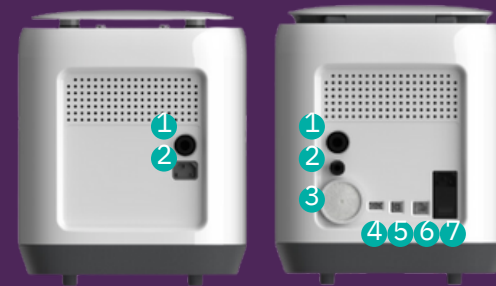


STERLINK mini Overview



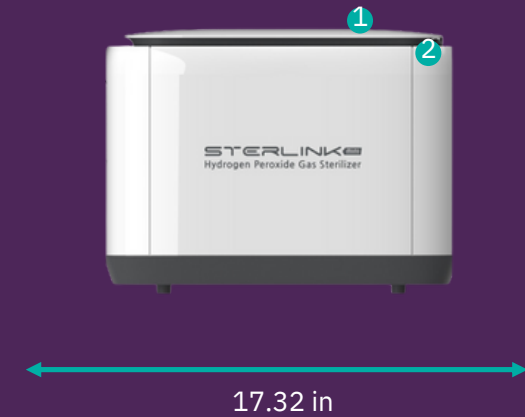
Front

1. Touch screen
2. Oil Injection Port
3. Pump Oil Gauge



Rear

1. Tube Connection
2. Power Cable
3. HEPA Filter
4. WIFI USB
5. Label Printer Cable
6. Ethernet Cable
7. Switch



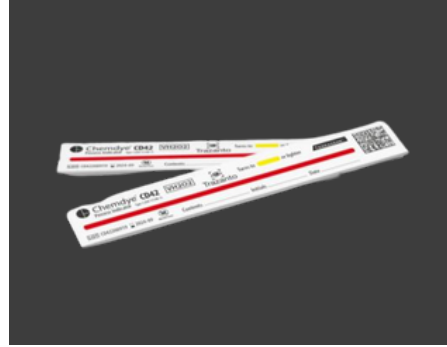
Side

1. Ozone Filter
2. Deodorization Filter

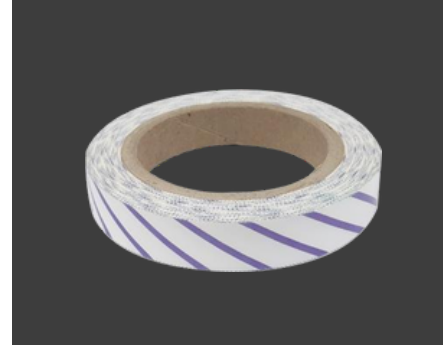
Accessories



STERLOAD mini



Chemical Indicator Strip



Chemical Indicator Tape



Terragene Bionova SCBI



Terragene Bionova
Reader Incubators



Tyvek Roll



STERLINK Printer



Printer Paper



Test Pack

Compatible Materials

Metal

Aluminum
Stainless Steel

Titanium

Non-metal

Acrylonitrile butadiene styrene (ABS)
Delrin
Ethyl vinyl acetate (EVA)
Fluorinated ethylene propylene (PFTE)
Glass, USP Type 1 borosilicate
High density polyethylene (HDPE)
Kraton
Latex
Monel
Phenolic resin
Polycarbonate (PC)

Polyetherimide (PEI)
Polyethylene terephthalate (PET)
Polymethyl methacrylate (PMMA)
Polyphenyl sulphone
Polypropylene (PP)
Polystyrene
Polysulfone
Polytetrafluoroethylene (PTFE)
Polyurethane
Polyvinyl chloride (PVC)
Silicone (Hardness: 50)

Incompatible Materials

Absorptive Materials

Wood
Linen
Paper
Sponge

Others

Nylon
Liquids (Moisture)
Oils
Powders

Compatible Instruments

Biopsy forceps	Microsurgery instrument kit
Bipolar Forceps with cables	Ophthalmic lenses (diagnostic, magnifying)
Catheters	Oxygen mask
Cranial pressure transducer cables	Oxygen tubing
Cryoprobes	Patient lead cables
Dental surgical kit	Pigmentation handpieces
Defibrillator paddles	Radiation therapy equipment
Dopplers	Resectoscope/working elements and sheaths
Electrocautery instruments	Rigid endoscopes
Endoscopic instruments	Shaver handpieces
Endotracheal Tube	Suction & Irrigation tube
Esophageal dilators	Surgical tips
Fiberoptic lite cables	Stereotactic equipment and batteries
Flexible endoscopes	Trocar sheaths
Laparoscopic Grasping Forceps	Ultrasound probes
Laryngoscope blades	Video cameras and couplers
Laser handpieces, fibers, and accessories	Vessel Sealer
Metal instruments	

Lumen Guideline

Lumen Specification

Consumable Type	Lumen Type	Inside Diameter (mm)	Length (mm)
STERLOAD mini	Single-channel Stainless Steel Lumen	1.6+	200>

Validation Load

Consumable Type	Maximum #	Weight
STERLOAD mini	5 lumens per load	1.54 lbs

How to Use Chemical Indicator Strip



Class1 CI Strip
CD42 VH2O2
Initial Color: **Red**
Final Color: **Yellow**

Exposure Conditions:
6 minutes, 50 °C, 2,3 mg/l H2O2

Size: 105 x 18 mm

Presentation: 250



Place inside the Tyvek Pouch.



If absorptive material or moisture is included, the color change of CI can be failed, or any errors may occur.

How to Use Chemical Indicator Tape



Initial Color: Purple
Final Color: Green



Attach CI Tape outside of Tyvek
Pouch or sterilization wrap packing.

How to Prepare BI Incubator

BI Incubator Temperature Setting



1. Hold “Thermometer” button to set temperature.
2. Both lights will start blinking.
3. Use the same button to choose 60°C.
4. Wait until the thermometer light stops blinking and remains on.

BI Incubator Time Setting

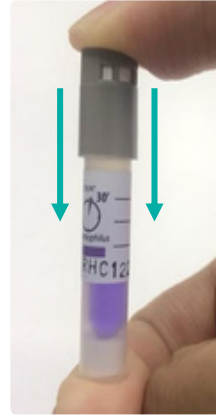


1. Set the time of each incubator to 1/2.

How to Test Biological Indicator



1. Put BI in Tyvek pouch with CI strip and run the cycle.



2. Take BI out from Tyvek pouch. Press down the lid.



3. Put BI into Ampoule Crusher.



4. Push the BI to the left and back to break the BI.



5. Place the BI in the correct slot in the incubation area.



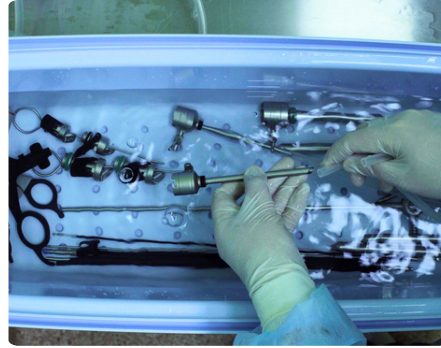
8. Incubation will begin automatically. Make sure to close the lid.



9. When the process is finished, a red or green light will appear, and the unit will print a ticket with the result.

- Red / Positive Sterilization Process Failed
- Green / Negative Sterilization Process Successful

Before Sterilizing Instruments



1. Wash



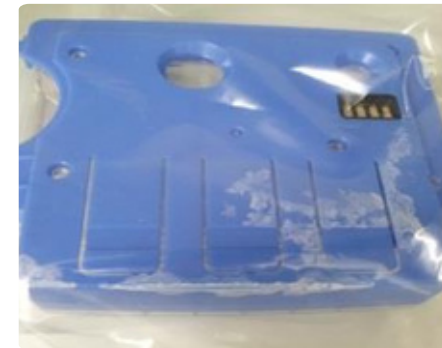
2. Dry



3. Check

Please dry washed medical instruments **perfectly**. If moisture is detected, below situations may occur:

1. **Error 30**
2. Users can be stinged with sterilant (H_2O_2) after sterilization process.
3. Stains on items or Tyvek pouches



How to Place STERLOAD mini

Place the barcode part facing downward. Total mass should be less than 1.54 pounds.

CAUTION! DO NOT REUSE: STERLOAD is intended for single use only and cannot be reused. When reused, an error will occur and will affect the performance of the product.

WARNING! CHECK THE EXPIRATION DATE: When using STERLOAD, check the expiration date first. If the date has expired, discard it, and use a new cassette. A cassette that has expired may cause errors.

WARNING! HYDROGEN PEROXIDE MAY BE PRESENT: Wear latex, vinyl, or nitrile gloves whenever handling a load after a cycle cancellation or error occurrence. Hydrogen peroxide liquid may be present on the load or in the chamber.



Chamber Mode



Preparation:

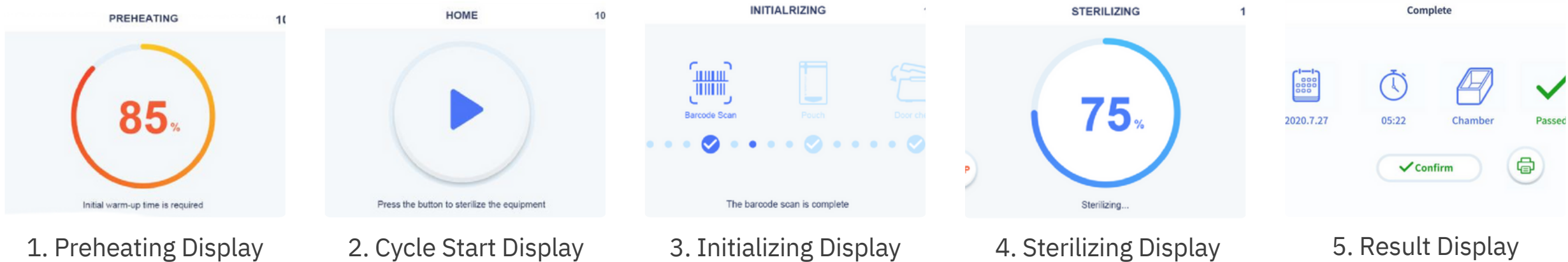
STERLOAD™ mini, Tyvek®, CI strip, CI tape, SCBI, Test pack (PCD)

Directions:

1. Put medical devices & CI strip into Tyvek® pouch and seal the Tyvek® pouch.
2. Put CI tape on the surface of Tyvek® pouch.
3. Mount the STERLOAD™ mini to the loading block.
4. Place the prepared Tyvek® pouch into the Chamber, with the Tyvek® side facing upward.
5. Put test pack with SCBI into the chamber.
6. Close the door and begin sterilization.

After sterilization, the sterilization items can remain sterilized for up to one month within sterile barrier packaging (Tyvek® pouch).

Operating Procedure

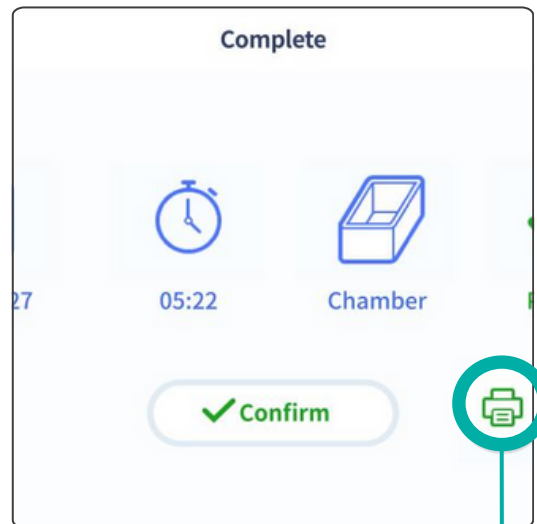


The pre-heating stage is necessary during the initial installation and takes approximately 10-15 minutes to complete.

Chamber Mode 18 minutes

After Sterilization Cycle

Cycle Result Display



Press printer icon to print the cycle result.

Printed Label Example



Success

Fail

How to Change Printer Label



1. Press Point
2. Feed
3. Printer Paper



1. Press and open the printer cover.



2. Down the compartment cover that contains printer label.



3. Insert new printer label roll.
The label should be upward.

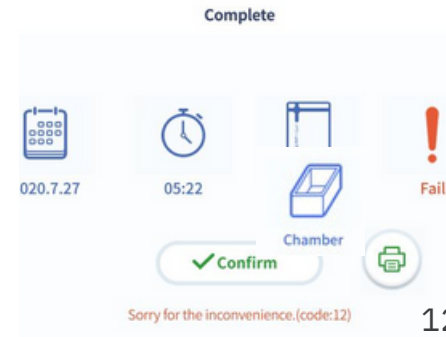
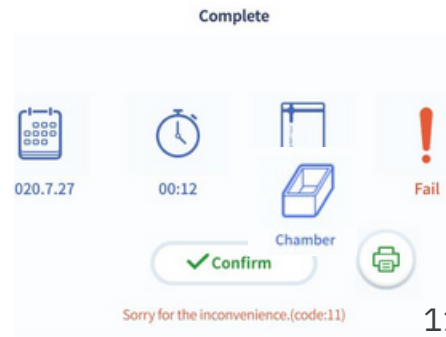
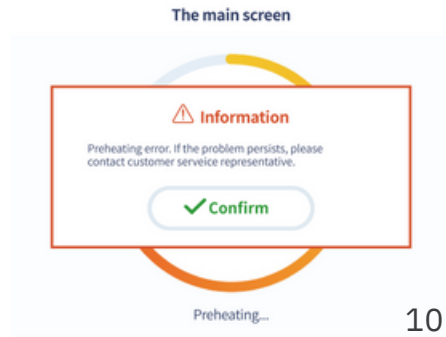


4. Close the compartment cover.



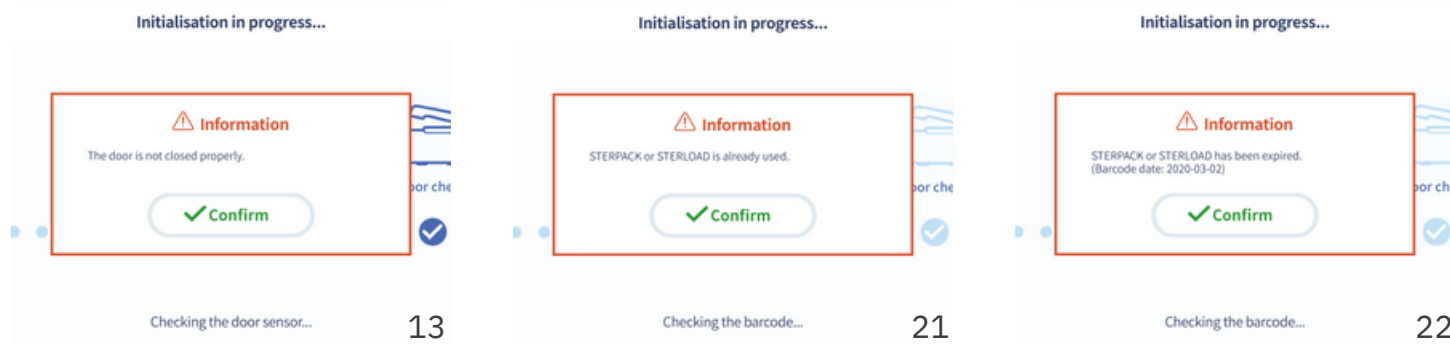
5. Close the printer cover.

Appendix: Troubleshooting



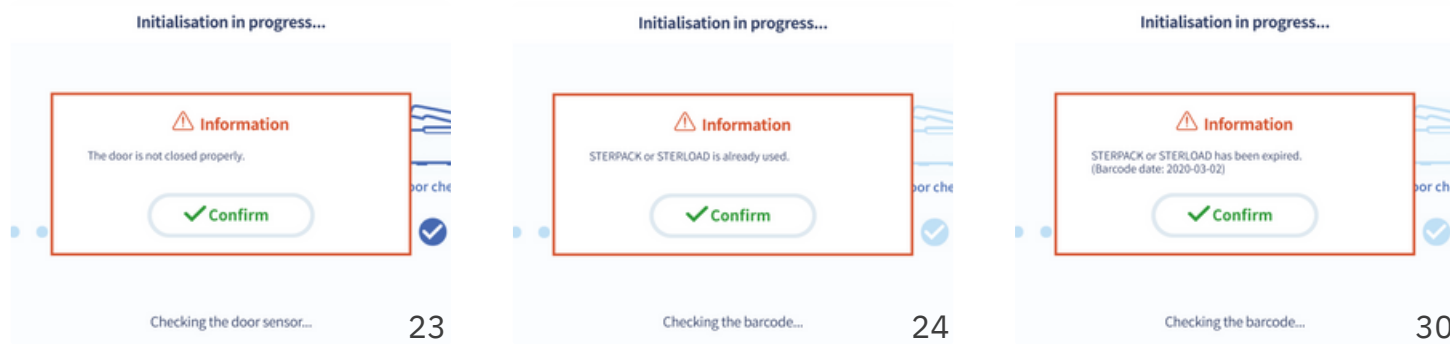
Code	Error	Issue	Cause	Action
10	System (Heater Error)	Temperature of chamber & vaporizer	Damage/disconnect Relay & electrical part fail to reach appropriate range malfunction TC damage/disconnect	1.Reboot sterilizer.
11	System (Power Off)	Abnormal power-off during the cycle	System shutdown by human error or black out	1.Check the power. 2.Check the power socket. 3.Check if the power strip is overloaded. 4.Run the sterilization cycle with new consumable.
12	User Stop	User cancels the process	User cancels the process	1.Run the sterilization cycle with new consumable.

Appendix: Troubleshooting



Code	Error	Issue	Cause	Action
13	Door Error	Door closing error	Overload Door not closed properly Door sensor/Vacuum pump malfunction	1. Check door is closed correctly. 2. Check if chamber is overloaded.
21	Cassette (Used)	Cassette reuse	User error	1. Run sterilization cycle with new STERLOAD.
22	Cassette (Expired)	Expired cassette Barcode: One year from production date	User error	1. Check the date underneath the barcode. 2. Dispose of the expired STERLOAD and use new STERLOAD.

Appendix: Troubleshooting



Code	Error	Issue	Cause	Action
23	Cassette (Invalid)	Error on cassette barcode	Barcode scanner recognition error Damage Something on scanner glass	<ol style="list-style-type: none"> 1. Check if there is damage on barcode. 2. Check the barcode scanner and wipe with dry cloth. 3. Run the cycle with new STERLOAD.
24	Cassette (Not Detected)	Barcode recognition error	Misplaced cassette Damage Debris on scanner glass	<ol style="list-style-type: none"> 1. Reload the STERLOAD. 2. If error still occurs, replace the STERLOAD. 3. Wipe scanner glass despite using new STERLOAD.
25	Cassette (Not compatible)	Barcode recognition error	Barcode not compatible for STERLINK mini	<ol style="list-style-type: none"> 1. Use a suitable STERMATE™ for STERLINK mini

Appendix: Troubleshooting



Code	Error	Issue	Cause	Action
30	System (Pressure Error)	Basic vacuum formation error	Moisture detected Overload Loading block Lack of pump oil	<ol style="list-style-type: none"> 1. Check if the instruments were dried thoroughly. 2. Check if the chamber is overloaded. 3. Check if the loading block is fixed well. 4. Check the amount of pump oil. It should be over yellow line.
40	System (Injection Error)	Sterilant injection error	Vaporizer Issue	<ol style="list-style-type: none"> 1. Run the VC test with VC cartridge. 2. After the VC test, run the cycle with new STERLOAD.
50	System (Diffusion Error)	Abnormal diffusion pressure	Vaporizer Issue	<ol style="list-style-type: none"> 1. Run the VC test with VC cartridge. 2. After the VC test, run the cycle with new STERLOAD.

Small (tabletop) decisions will
have a **big ripple effect**
as we scale.

We believe in the power to make a positive impact from unique vantage points. Whether you're in research, development, or ensuring the efficiency of our sterilization devices, your contributions shape a healthier, safer world. Lead from where you stand, and let's make a difference together.

***plasmapp**