



# SterOx System V-Series

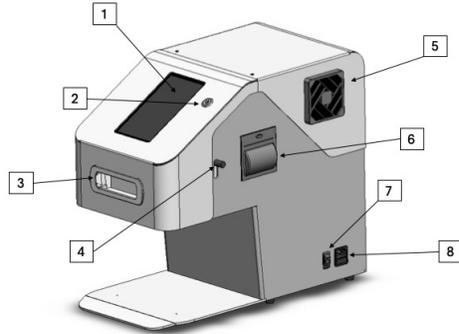
## Short user guide

The SterOx System V-Series short user guide does not replace the SterOx System V-Series instructions for use. For information on intended use, indications, contraindications, warnings and precautions, please refer to the instructions for use supplied with the SteriBase V-Series.

# Products overview

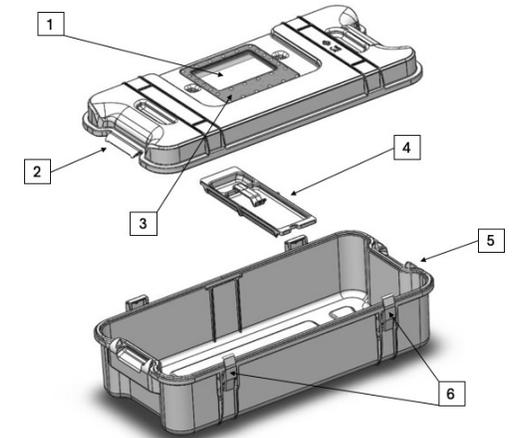
## SteriBase V-Series

1. Touchscreen
2. Start button
3. Handle
4. Manual levers
5. Cooling fan
6. Thermal printer
7. Power switch
8. Power cable port



## SteriBox V-Series

1. Quartz window
2. Lid
3. Incorporated RFID tag
4. Module
5. Bottom
6. Locks



## Nitrogen Kit

1. 2.2L nitrogen cylinder
2. Pressure reducer
3. 100cm tube 4mm



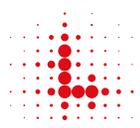
## Ozone Strip

Type 4 Chemical Indicator



## Humidify

Blotting Paper



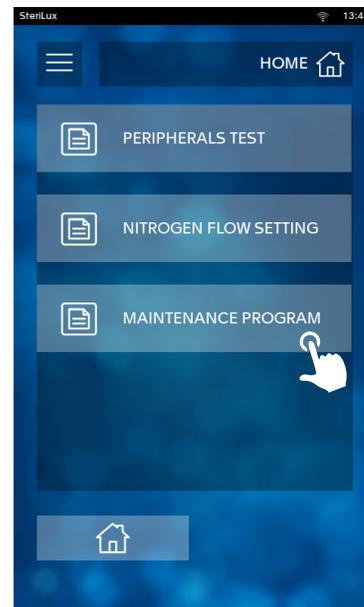
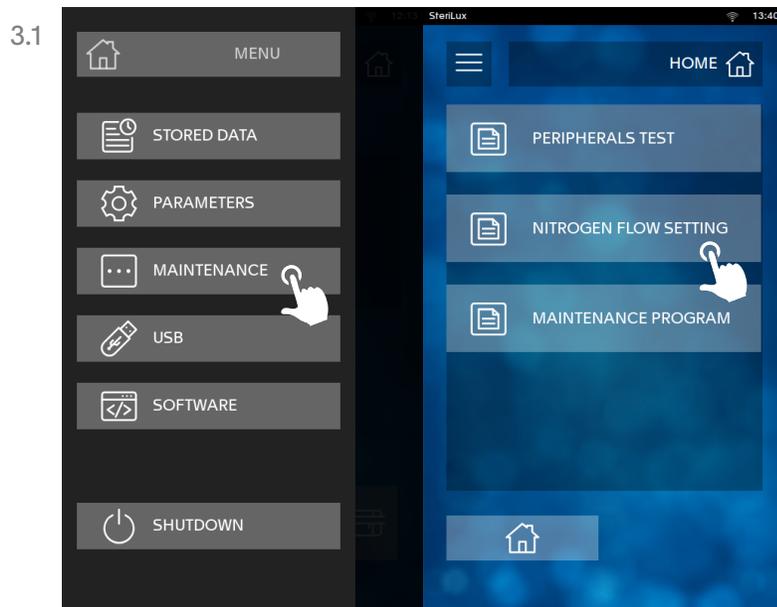
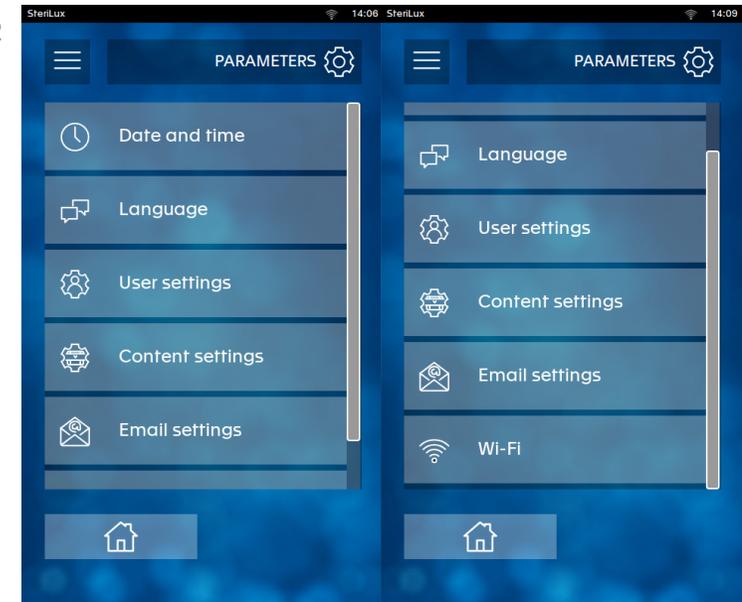
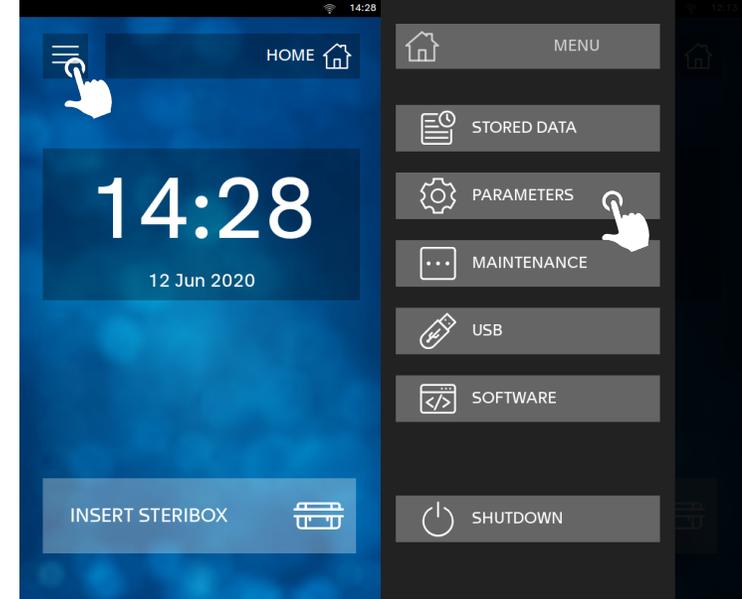
# Installation

1. Select a suitable location to install your SteriBase:
  1. Away from direct sunlight or a heat source
  2. Ideal ambient temperature: 20-23°C
  3. Clean, dust-free room with a good ventilation system
2. Plug your SteriBase into a single electrical socket
3. Turn the power switch to ON and click on the start button
4. Take your nitrogen kit
5. Remove the nitrogen cylinder protection from the bottle
6. Take the pressure reducer and verify that the knob is closed (i.e. unscrewed)
7. Screw the pressure reducer **very tightly** on the nitrogen cylinder
8. Connect one end of the tube to the pressure reducer
9. Open the nitrogen cylinder slightly so you can feel a small flow coming out of the tube
10. Connect the other end of the tube to your SteriBase
11. Keep opening the nitrogen cylinder until the arrow reaches 4-5 l/min
12. Check that you don't have any nitrogen leak



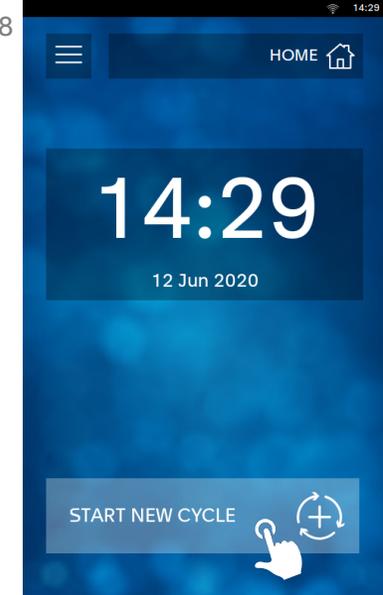
# Setting up your device

1. From the main menu select *PARAMETERS*
2. From the *PARAMETERS* menu:
  1. Connect your SteriBase to the WiFi by clicking on *WiFi*
  2. Set the date and time by clicking on *Date and time* (sets automatically if you're connected to the WiFi)
  3. Set your preferred language by clicking on *Language*
  4. You can add users and/or contents by clicking on *User/content settings*
  5. You can add your email address by clicking on *Email settings* to automatically receive cycle reports
3. Prior to start using your device:
  1. From the main menu select *MAINTENANCE* and click *NITROGEN FLOW SETTING* - this will last 2 minutes
  2. During these 2 minutes flow, open your SteriBase backdoor and set the nitrogen flow at 0.4 l/min
  3. From the main menu select *MAINTENANCE* and click on *MAINTENANCE PROGRAM* - this will last ~ 18 minutes

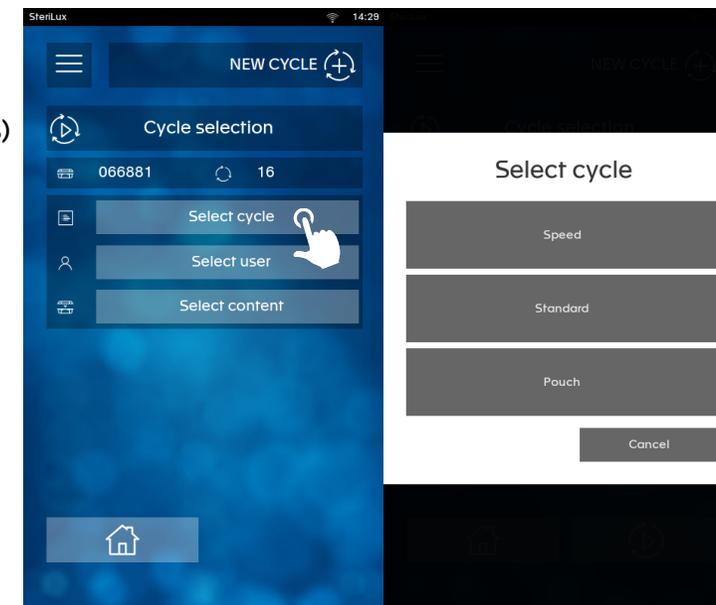


# Using your device

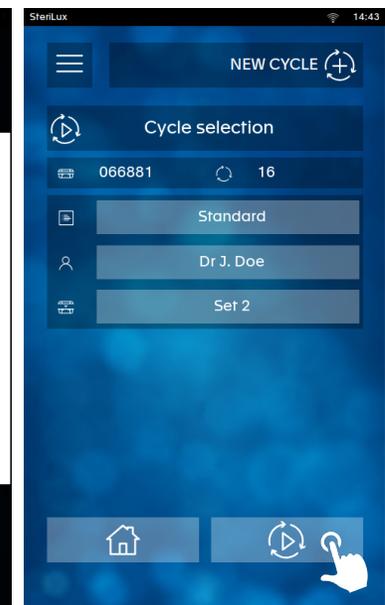
1. Prior to launching a cycle:
  1. Check your SteriBox, it must always be clean and dry – pay special attention to the quartz window
  2. Instruments to be sterilized must be clean and dry
  
2. Launching a cycle:
  1. Open your SteriBox and remove the module
  2. Arrange your instruments – freely or individually wrapped in sterilization pouches – in your SteriBox and arrange them to avoid overlap
  3. Ensure that the porous side of the sterilization pouches are facing upwards
  4. Replace the module in your SteriBox and place a blotting paper (i.e. HUMIDIFY) under the module's clip to secure it
  5. Add 5mL of distilled water on the blotting paper
  6. Place a chemical indicator in the SteriBox or inside each sterilization pouch for routine monitoring
  7. Close your SteriBox and slide it inside your SteriBase
  8. Click on START NEW CYCLE
  9. Select the cycle of your choice:
    - Speed – 99.9 to 99.9999% microbial reduction on all devices (3 hours)
    - Standard – 99.9999999999% microbial reduction for unwrapped devices (16 hours)
    - Pouch – 99.9999999999% microbial reduction for wrapped devices (22 hours)
  10. You can select a user and a content if desired (for your own traceability purpose)
  11. Press 
  12. The manual levers of your SteriBase automatically drop down
  13. Your SteriBox is now blocked, just wait until the end of the cycle



2.9



2.11



# Using your device

## 3. At the end of the cycle:

1. Your SteriBase automatically prints a sticker (i.e. CYCLE COMPLETED or CYCLE FAILED)
2. If you have entered an email address, you will receive the cycle report in your inbox
3. The SteriBase turns off automatically
4. To remove the SteriBox from your SteriBase, pull the manual levers to upward position
5. Open the SteriBox, remove the blotting paper and use a soft cloth to dry the SteriBox if necessary
6. Always store the SteriBox closed and dry when your are not using it

## 4. To validate the cycle the ozone concentration is measured throughout the cycle:

1. For the speed cycle the minimum dose required for a successful cycle 400 ppm.h
2. For the standard cycle the minimum dose required for a successful cycle is 3'500 ppm.h
3. For the pouch cycle the minimum dose required for a successful cycle is 5'500 ppm.h

3.1



**CYCLE COMPLETED**  
Dose

SteriBox number	000003	Cycle number	777
Operator	John Doe	Cycle type	Standard
Content	Set N-6		
Start	14:32 17 Oct 2018	End	20:42 17 Oct 2018



**CYCLE FAILED**  
Error description

SteriBox number	000003	Cycle number	777
Operator	John Doe	Cycle type	Standard
Content	Set N-6		
Start	14:32 17 Oct 2018	End	20:42 17 Oct 2018

3.2

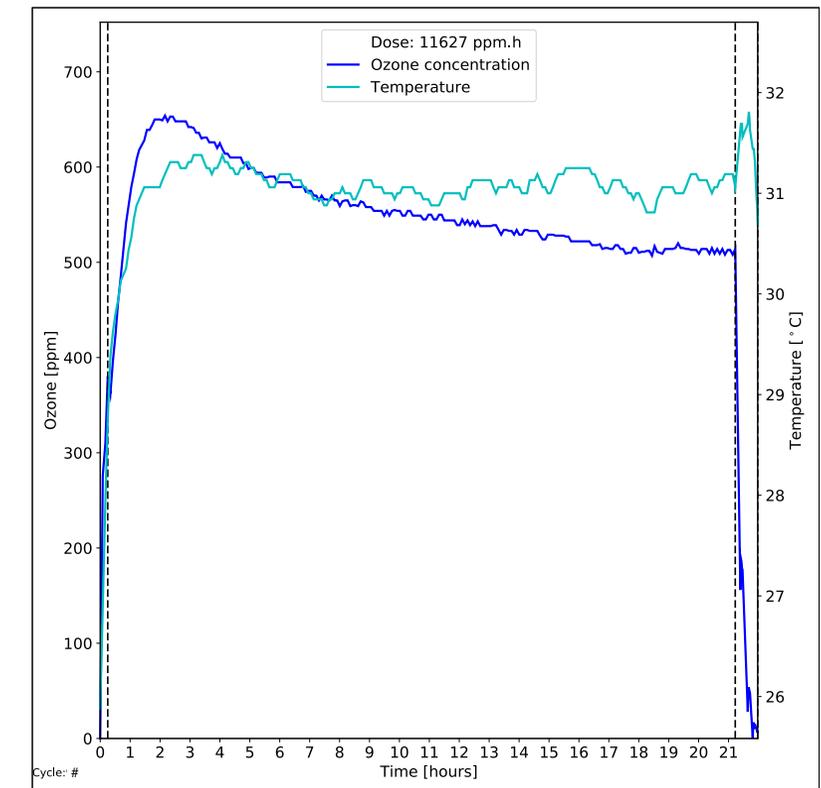
steriLux

## Cycle report

	SteriBase	#####
	SteriBox	#####
	Cycle number	#
	Cycle type	Pouch
	Performed by	#
	Content	#
	Started	Time and date
	Ended	Time and date



**CYCLE COMPLETED**

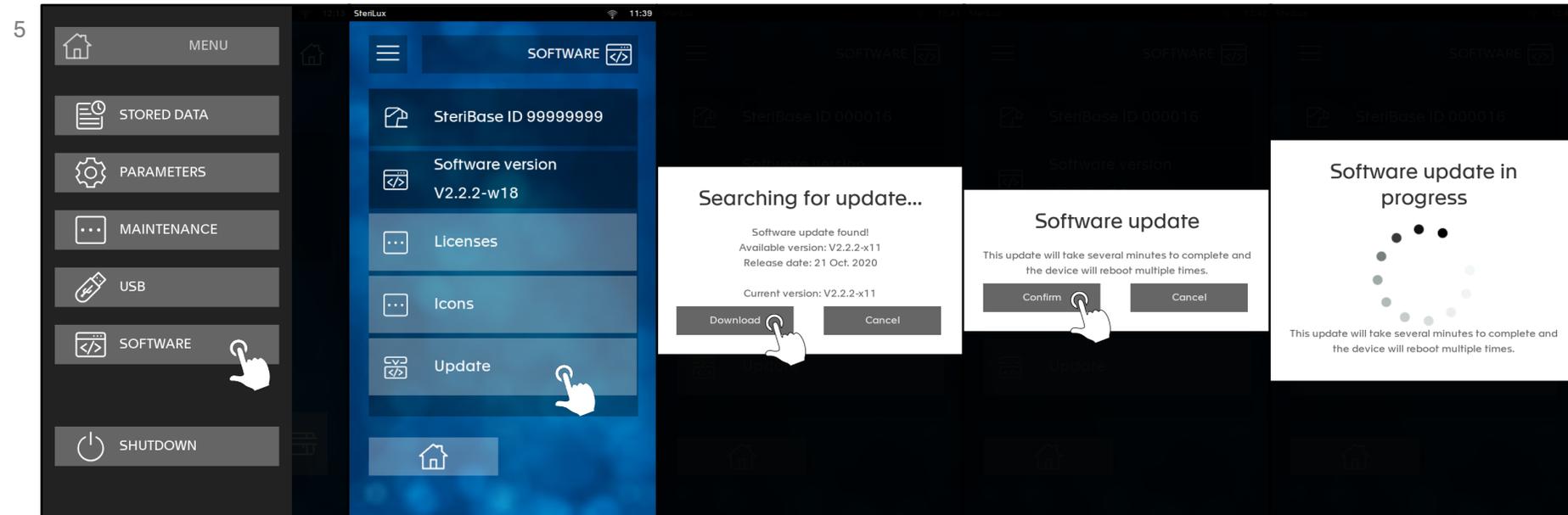


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# Maintenance & software updates

1. Always make sure that your SteriBox is spotless and pay special attention to the quartz window
2. Do not use harsh chemicals or reagents to clean you SteriBox; water and soap suffice
3. Use some glass cleaner to clean the quartz window, traces on the quartz window will impede the sterilization process
4. Connecting your device to the WiFi is important to allow software updates and quick troubleshooting
5. To update your device:
  1. From the main menu select *SOFTWARE*
  2. Click on *Update*
  3. In case a new software version is available, you will be able to download it by clicking on *Download*
  4. Click on *Confirm*
  5. The software update can take quite a while, this will depend on the quality of your internet connection
  6. Once it's done, you can verify that the software update was successfully installed by checking the software version in the software menu



# Customer support

SteriLux remains at your disposal to assist you with the installation, maintenance and service of your device.  
Support is available from Monday to Friday from 8:00 to 18:00 (CET).

[support@sterilux.ch](mailto:support@sterilux.ch)

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