



# 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.

# Disclaimer

To make sure the installation is well performed and to ensure trouble-free long-lasting operation of the device we strongly recommend that you organize an installation/training meeting with your SteriLux sales representative. The installation and training should last around 1 hour and can be done remotely via video-conference. For the training to be fully effective, end-users of the device should be present during the installation meeting.

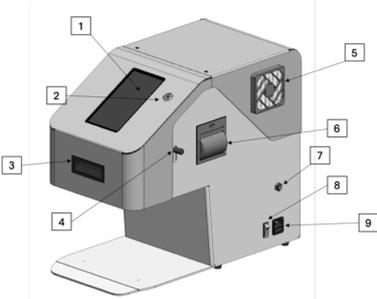
If you have decided to use commercially available nitrogen supply cylinders that are not distributed by SteriLux, you must be extra careful when connecting the nitrogen supply to your device as it could permanently alter the efficiency of the device if done improperly. To avoid any complications, always contact your SteriLux sales representative to schedule an installation meeting.



# Products overview

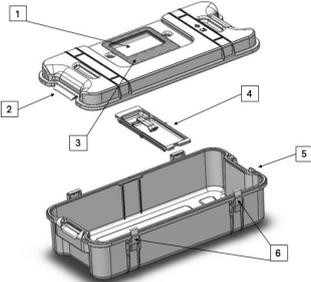
## SteriBase V-Series

1. Touchscreen
2. Start button
3. Handle
4. Manual levers
5. Cooling fan
6. Thermal printer
7. Nitrogen supply plug
8. Power switch
9. 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 disposable nitrogen cylinder
2. Pressure reducer
3. 100cm-long tubing external diameter 4mm



## Humidify Blotting Paper



## Ozone Strip Type 1 Chemical Indicator



## Ozone Strip Type 4 Chemical Indicator



# 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 rubber protection from one nitrogen cylinder
6. Take the pressure reducer and verify that the knob is in closed position (the closed position of the knob is all the way up)
7. Firmly secure the pressure reducer on the nitrogen cylinder
8. Connect one end of the tubing to the pressure reducer
9. Open the nitrogen cylinder until feeling a very weak flow coming out of the other end of the tubing
10. Quickly connect the other end of the tubing to the SteriBase nitrogen supply plug
11. Verify that the tube is secured by pulling on it gently at both ends
12. Keep opening the nitrogen cylinder until the right dial's needle reaches 4.5 bar (black scaling) – the left dial indicate the amount of nitrogen left in the bottle
13. When the bottle is empty (i.e. needles of both dials are back to 0) change the bottle following the same procedure



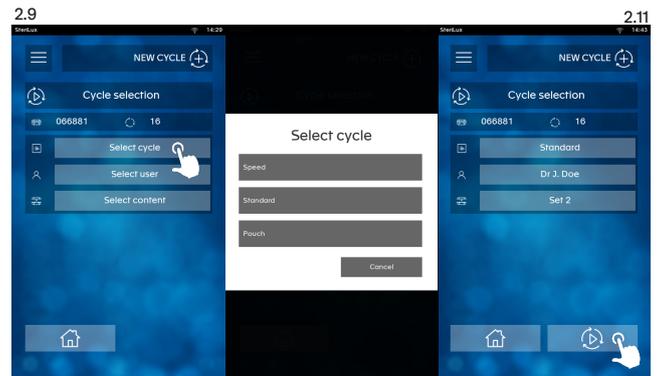
# Setting up your device

1. From the main menu select *WiFi* to connect your device to a wireless network
2. From the *PARAMETERS* menu:
  1. Set the date and time by clicking on *Date and time* (sets automatically if you're connected to the WiFi)
  2. Set your preferred language by clicking on *Language*
  3. OPTIONAL: add users and/or contents by clicking on *User/content settings*
  4. OPTIONAL: add your email address by clicking on *Email settings* to automatically receive cycle reports
  5. Set the nitrogen flow:
    1. Open the SteriBase back door using the access key provided with your device
    2. Click on Nitrogen flow setting – this will activate the flow for 2 minutes
    3. While the flow is activated, set it to 1.2 l/min
    4. Click on *Cancel* when you're done (otherwise it will automatically stop after 2 minutes)
3. From the *MAINTENANCE* menu click on *Nitrogen purging* and wait until the end of the program



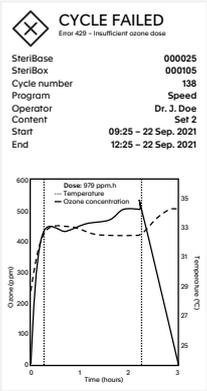
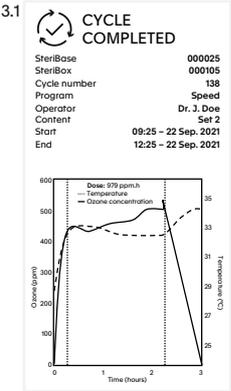
# Using your device

1. Prior to launching a cycle:
  1. Check your SteriBox, it must always be clean and dry – pay special attention to the quartz window and module
  2. Instruments to be sterilized must be clean and dry
  3. Avoid preparing and closing the SteriBox in advance
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 – maximum flexibility for wrapped and/or unwrapped **simple geometry** devices (3 hours)
    - Standard – maximum security for unwrapped devices (16 hours)
    - Pouch – maximum security for wrapped devices (22 hours)
  10. OPTIONAL: select a user and a content
  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

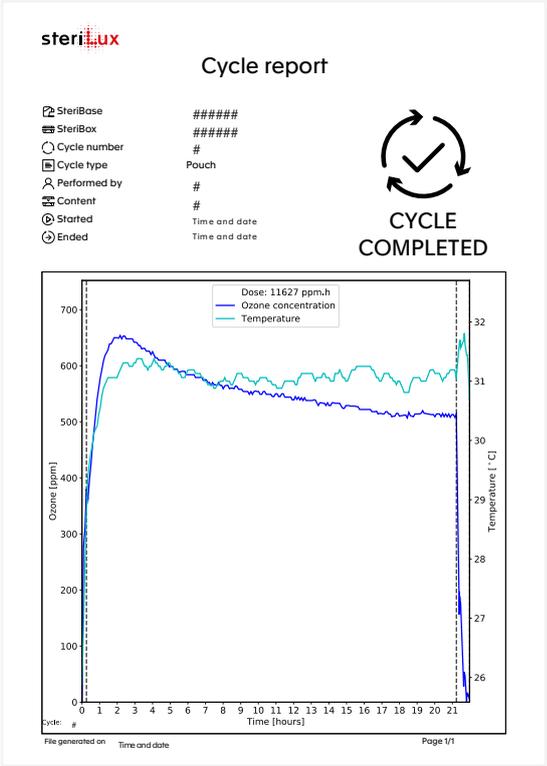


# Using your device

3. At the end of the cycle:
  1. Your SteriBase automatically prints a label (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 you are not using it
  
4. To validate the cycle the ozone concentration is measured by the device throughout the cycle

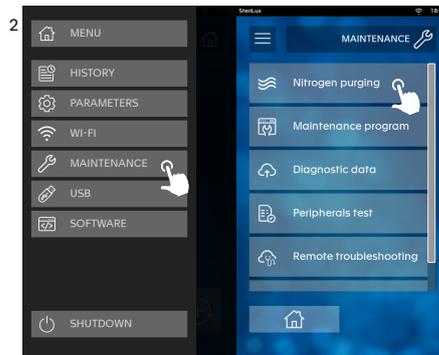


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# Maintenance & software updates

1. Always make sure that your SteriBox is spotless and pay special attention to the quartz window and module
2. In case you have not been using your device for more than 3-4 weeks or if you are experiencing failed cycles due to insufficient ozone dose (E429) or ozone concentration measure too low (E433):
  1. Verify that nitrogen supply is well connected and not empty
  2. From the main menu select *MAINTENANCE*
  3. Click on *Nitrogen purging*
3. 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
  4. The software update can take quite a while, this will depend on the quality of your internet connection
  5. 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).

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