



User Manual

SST Dock

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Safety Information - Read First

To ensure personal safety, read **Safety Information - Read First** before using the SST Dock.

Use the SST Dock only as specified in this guide and the operator's manual, otherwise the operation of the device may be impaired..

Read the **Warning** and **Cautions and Best Practices** below before using the SST Dock.

Warning

- Use the SST Dock only as specified by the manufacturer. Failure to do so may impair protection provided by the SST Dock. The safety and security of any system or network incorporating the SST Dock and its accessory components is the responsibility of the assembler of the system.
- Follow all required National Electric Codes (NEC) and safety codes.
- Do not attempt to adjust, disassemble, or service the equipment.
- Only use in a well-ventilated space, in normal atmosphere, 20.9% Oxygen and a non-hazardous environment.
- Only use the supplied charging adapter - 12V 1.5A.
- Do not apply positive pressure to the gas inlets. Only use a demand flow regulator.

Cautions and Best Practices

- If the SST Dock appears to be damaged or is not functioning properly, please contact WatchGas or a local WatchGas distributor.
- The SST Dock uses Calibration Gas to carry out testing and calibrations, so always ensure that these tests are done in a well-ventilated area.
- Always ensure filters are clean and replaced on a regular basis.
- Avoid the station encountering liquids. The SST Dock cannot be mounted in an outside location that could be exposed to rain or wet conditions.
- Maximum exhaust tubing length is 10 meters (30 feet).
- Always use the SST Dock in conjunction with a demand flow regulator.
- SST Dock has **no** hazardous location approvals and can only be used in a safe and non-hazardous environment known to be free of toxic and/or flammable gas.
- Servicing can only be carried out by a WatchGas office or trained service technician.
- Ensure calibration gas cylinders are the correct concentration, within their expiration date, and contain gas.
- Warranty does not cover electrical surges, physical, and/or water damage.

1. Introduction

1.1 SST Dock Product Description

The SST Dock is an automated test station that allows for Bump and Calibration testing. It is compatible with the full SST-Range in one module.

It has the capabilities to be connected via Wi-Fi, BLE, or Cellular and allows for desk, wall, and hard case mounted depending on your application.

With two inlets it allows for calibration of the standard four gases, plus another gas type.

With built-in NFC it is easier than ever to assign gas cylinders to the correct gas inlet ports.

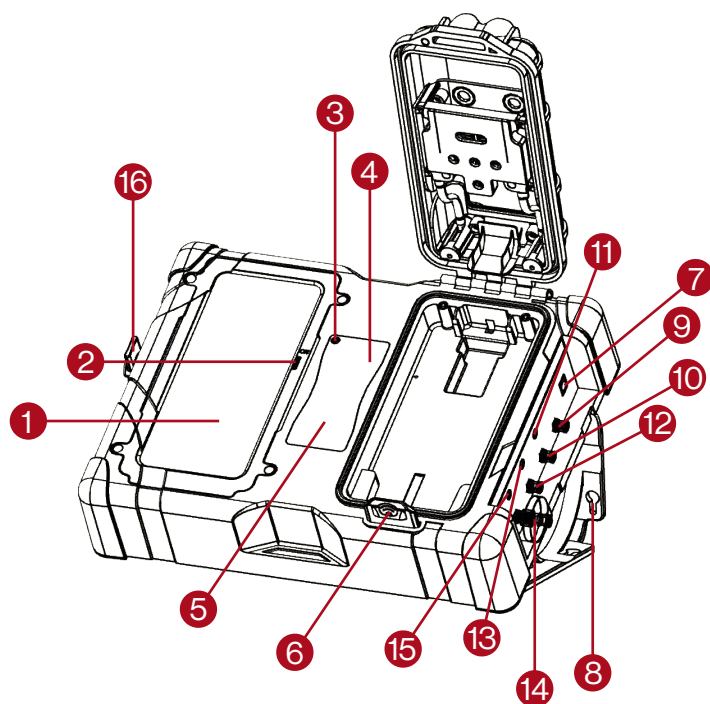
1.2 What's In the Box

The contents below are the standard items included with the SST Dock. If the device is damaged or parts are missing, contact the place of purchase immediately.

Part Number	Description
SST-DOCK	WatchGas SST Docking Station for SST1/SST1E/SST4 Mini/ SST4 Micro/ SST4 Pumped/SST5 Touch screen
SST-DOCK-CHRG	SST Dock charger 12V, 1.5A
DFR-SS	WatchGas Demand Flow Regulator
DFR-PSV	WatchGas Demand Flow Regulator including pressure sensor
SST-DOCK-LUR	SST Dock Set of Luers PG-63 to connect hose to inlets/outlet, pack of 6
SST-DOCK-MB	SST Dock Mounting brackets, including 4 screws and spacers
SST-DOCK-RB	SST Dock Rubber bumpers that fit on the corners, pack of 4
SST-DOCK-KEY	SST Dock Power Key, pack of 5
SST-DOCK-PL	SST Dock External filter for fresh air inlet, pack of 5
506275 QC Card	Quality Card
506280 QuickStartGuide	Quick Start Guide

Table 1. What's in the box

1.3 SST Dock Overview



1. Touch Screen
2. Touch Screen ON/OFF
3. Status LED
4. Instruction Label
5. Bottle NFC Reader
6. Lid Lock
7. 12V Power Connection
8. Mounting Bracket
9. Exhaust Outlet
10. Gas Inlet 2
11. Gas Inlet 2 Pressure Sensor Connector
12. Gas Inlet 1
13. Gas Inlet 1 Pressure Sensor Connector
14. Fresh Air Inlet Filter
15. Fresh Air Inlet Pressure Sensor
16. On/Off Key

Figure 1. SST Dock Overview

1.4 Prepare For Use

- Use only Luer PG-63 connectors for all gas inlets/outlets.
- Tubing diameter no less than 3mm (1/8 in) internal diameter. The tubing should be suitable for the gas used, consult WatchGas for proper Last-o-more tube or compatible tube.
- Only use demand flow regulators from the WatchGas compatible part list.
- **NOTE:** Only connect up to 10 meters (30 feet) of tubing on the fresh air inlet and outlet.
- Ventilation – the outlet should be routed to a ventilated area.
- Adjust the fresh air purge time accordingly.
- Ensure that tubing and cables are properly installed.
- Use the shortest length of tubing possible.
- Ensure that the fresh air inlet filter is installed.
- If potentially harmful gas is used for calibrations, users must read the MSDS of the gas connected. The SST Dock must be attached to a venting system, or be used in a well-ventilated area.

1.5 Mounting the SST Dock

The SST Dock can be mounted with the invertable mounting bracket in two different angles. Use the extended screws and plastic spacer included in the box.

Wall Mounting

The provided mounting brackets can be used to mount the SST Dock to a wall or table. Mounting screws and plugs are not provided. WatchGas recommends to check the strength of the mounting area and to select the proper mounting hardware before mounting the SST Dock.

NOTE: Mounting the SST Dock should only be performed by a qualified installation contractor.

1.6 Function Overview

Status LED:

- **Green** - the SST Dock is connected to an external power source, and it is fully operational.
- **Yellow** - the SST Dock is running on internal backup battery power, and it is fully operational.
- **Red** - there is a fault with the SST Dock.

If the touch screen is powered off by means of the On/Off Key (refer to Figure 1.), then the Dock LED will turn red when the SST Dock is charging.

If the SST Dock is not charging, the LED will glow red for 5 minutes, and then enter sleep mode.

Opening or closing the lid will activate the SST Dock and the red LED will be activated. This is done to conserve energy.

From Sleep Mode:

Power on the touch screen, and the SST Dock status LED will activate after the lid is opened.

WatchGas recommends users to remove the On/Off Key to avoid any accidental power downs.

Sensors built in the SST Dock:

- Microphone to test the device's audio alarm.
- Light sensor to verify the visual alarm.

1.7 Installing the SIM Card in the SST Dock Touch Screen

- **Step 1:** Power down the touch screen.
- **Step 2:** Unscrew the 4 screws on the touch screen holder, as seen in Figure 2 below.
- **Step 3:** Install the SIM card in the touch screen module.

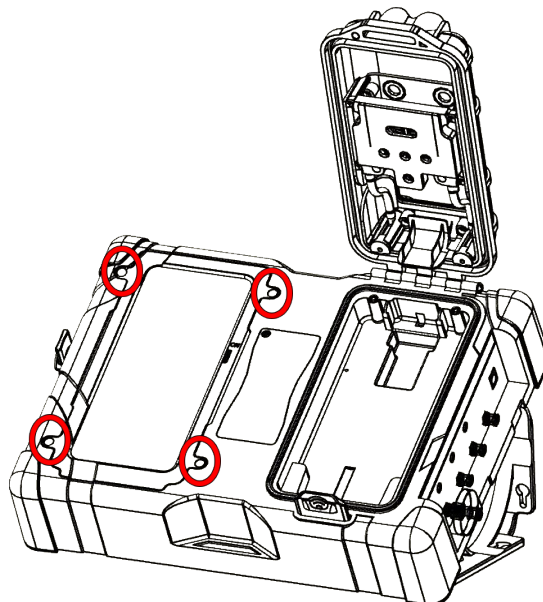


Figure 2. SST Dock touch screen holder screws

1.8 Connectivity

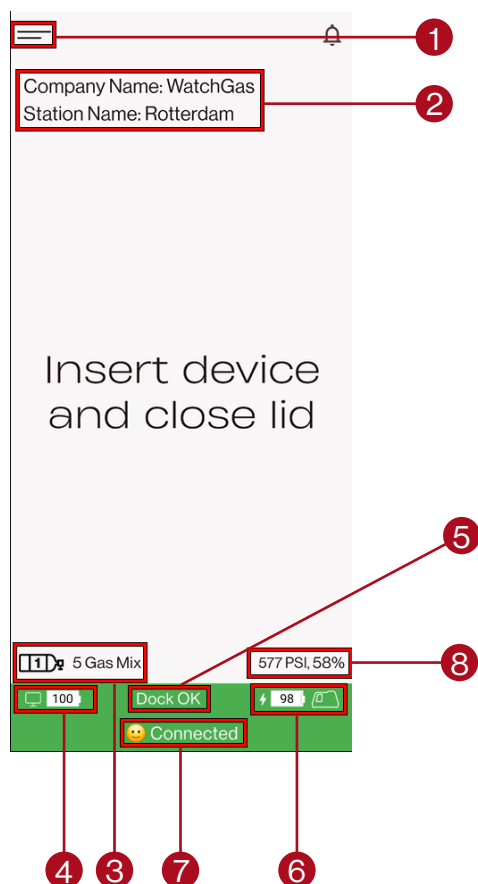
When the SST Dock is connected to the internet, the UI application will automatically be updated.

NOTE: the Valve driver electronic firmware will not be updated automatically, this requires installation.

NOTE: all the latest firmware for devices will automatically be pushed to the SST Dock, but devices will not automatically be updated, as this requires confirmation from the user.

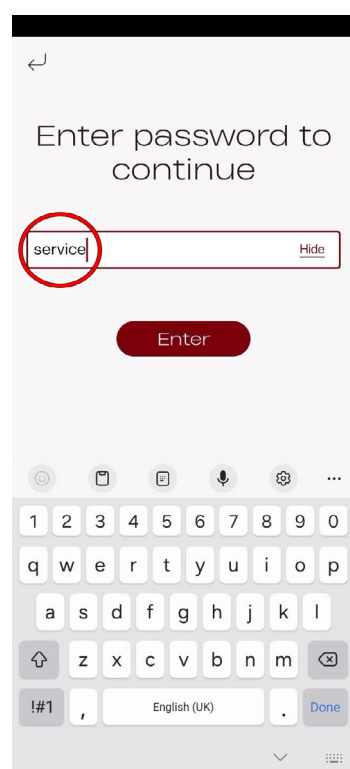
2. Menu and Settings

2.1 Start Screen Overview



1. Menu
2. SST Dock name
3. Gas bottle connected to port set up in the SST Dock setting
4. Touch screen battery level
5. Touch screen linked to sensor/driver electronics
6. Sensor/driver electronics battery charge level
7. WatchGas SST RTR Web Reporting Software connection status
8. Calibrations left

2.2 Enter Password to Enter Menu

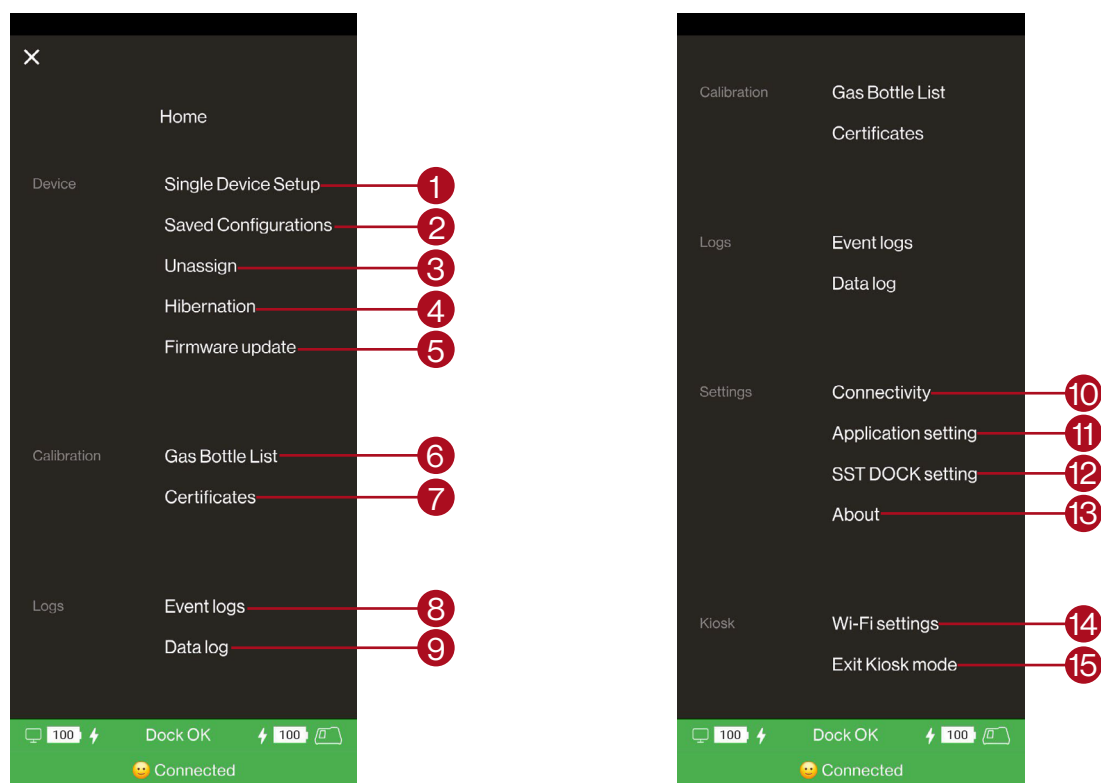


To enter the Menu, there are two password levels:

- **user** - limited access.
- **service** - access to making changes to Settings.

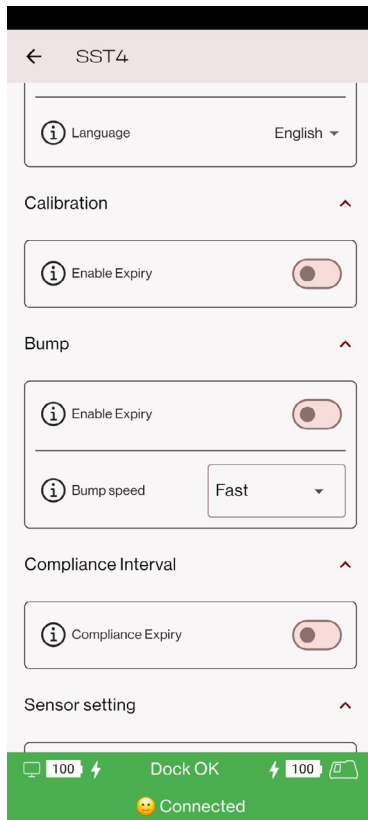
NOTE: these are the default passwords that the SST Dock ships with, and they can be changed at any time, in the Application Setting.

2.3 Menu Overview



1. Allows for the setup of a device
2. Preloaded device configuration files
3. Unassign a User and Site ID
4. Power down non-rechargeable devices (SST1/SST1E)
5. Firmware update for devices
6. Loaded gas bottle list
7. Stored calibration certificates
8. Device event log files
9. Extracted data log files
10. Setup of the WatchGas SST RTR Web Reporting Software connection
11. Check functions – language
12. Port setup, driver electronics settings, and diagnostic
13. About
14. Wi-Fi Settings
15. Exit Kiosk Mode

2.4 Single Device Setup



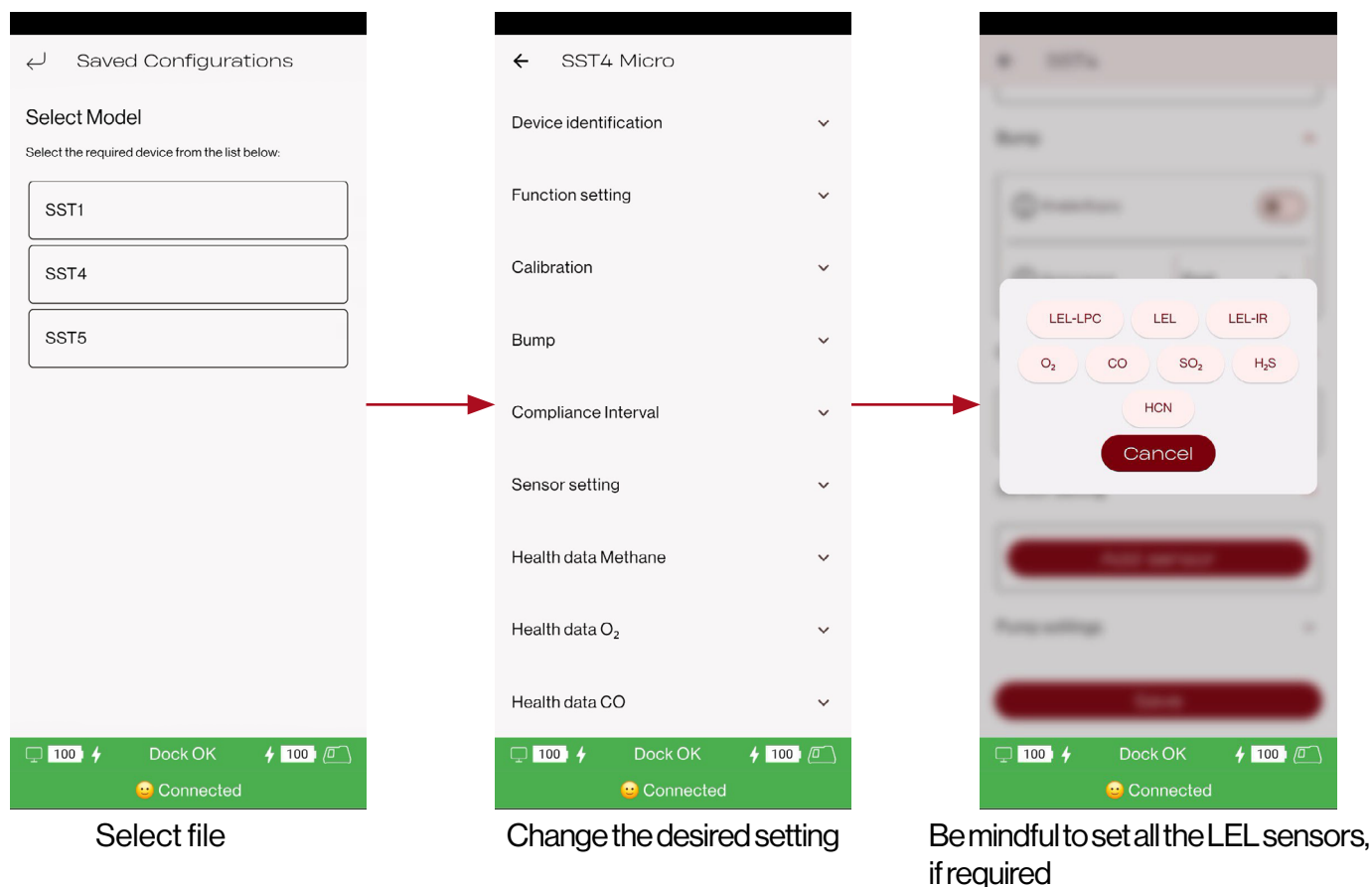
The **Single Device Setup** allows the user to change the settings in the device that is currently active in the SST Dock.

In the Single Device Setup option, it is possible to set the **User ID** and the **Site ID** of the device placed inside.

As the device settings are product-specific, please refer to the manual of the SST device in question.

2.5 Saved Configuration File

A saved configuration file allows the user to quickly change a device unit's configuration.



When transferring a Saved Configuration, an optional **Clear Events slider** is available.

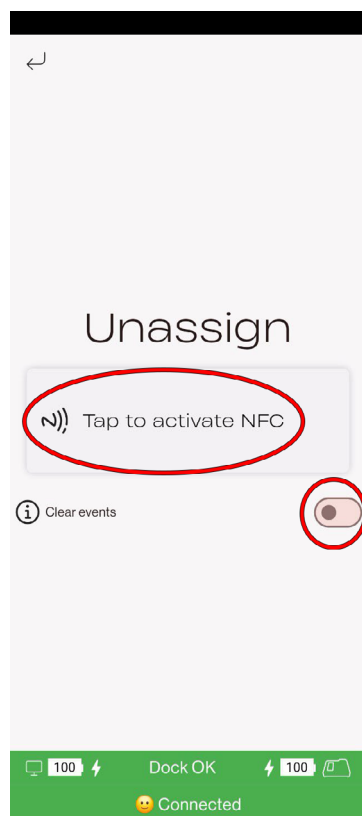
When this Clear Events option is enabled, the detector will:

- **Upload the Saved Configuration**
- **Clear the Event Log**
- **Clear the Data Log**

This provides a convenient one-step reset for rental, demonstration, and shared detectors by restoring the desired configuration while removing historical user data.

NOTE: Calibration, firmware, sensor information, and device identification **remain unchanged**.

2.6 Unassign

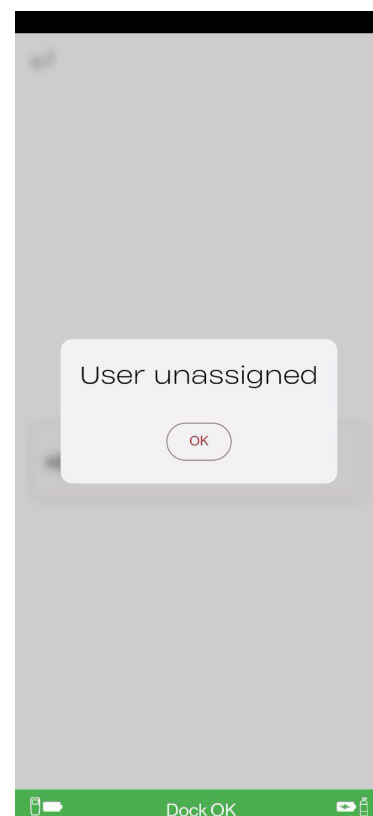


To unassign a device from the user:

Activate the NFC on the unit.

Insert the unit in the SST Dock and press the **un-assign** option.

If it is required to, delete all the events from the device and, after unassigning it, turn on the **clear events** slider.



NOTE: using the Unassign feature with the clear events toggle turned on removes all the:

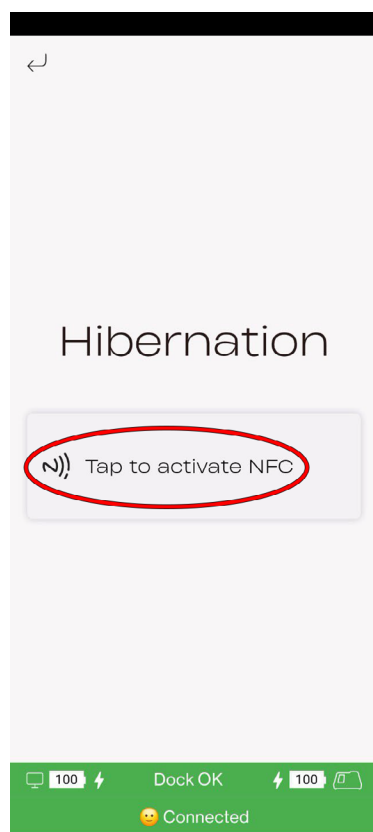
- **Event Logs**
- **Data Logs**

While simultaneously keeping all the following information unchanged:

- **Calibration data**
- **Calibration certificates**
- **Detector settings**
- **Alarm settings**
- **Compliance settings**
- **Firmware**
- **Sensor information**
- **Device identification**

This allows a detector to be used as a unit clear from old event and data logs by a new user without affecting its approved configuration, or calibration status.

2.7 Hibernation



Hibernation of non-rechargeable products such as the **SST1/SST1E**.

By hibernating the unit, its battery usage will be limited and its operation time will be extended.

This enables organizations to use the SST1/SST1E detector only when its gas protection is actually required, significantly extending the practical calendar life of the instrument, while still preserving its high-quality, maintenance-free concept.

To enter a device into hibernation, activate the NFC on the device and insert it into the SST Dock.

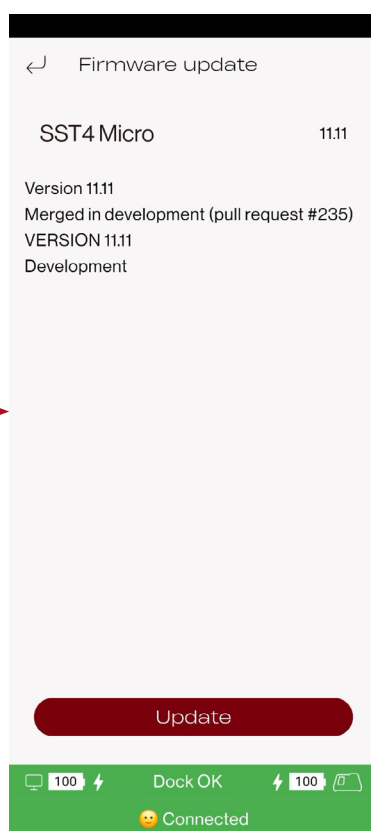
Press the button and the device will enter into hibernation mode.

NOTE: when restarting the detector from hibernation, always return the detector to normal operating mode, allow the required warm-up period (20 seconds for toxic sensors and ~42 minutes for the O₂ model), and verify correct operation before use in a hazardous area.

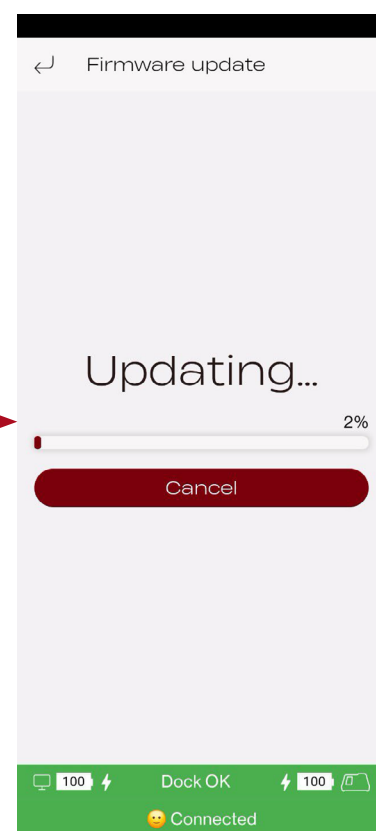
2.8 Firmware Update



Select the firmware to install



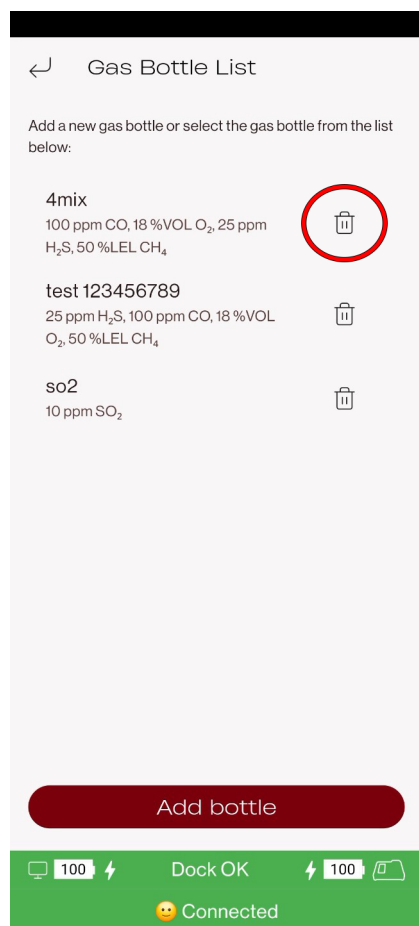
The firmware changelog



After the firmware update installation is complete, the device will restart

NOTE: The manual firmware update is not to be used unless under special conditions, while working closely with WatchGas.

2.9 Set Up a Gas Bottle

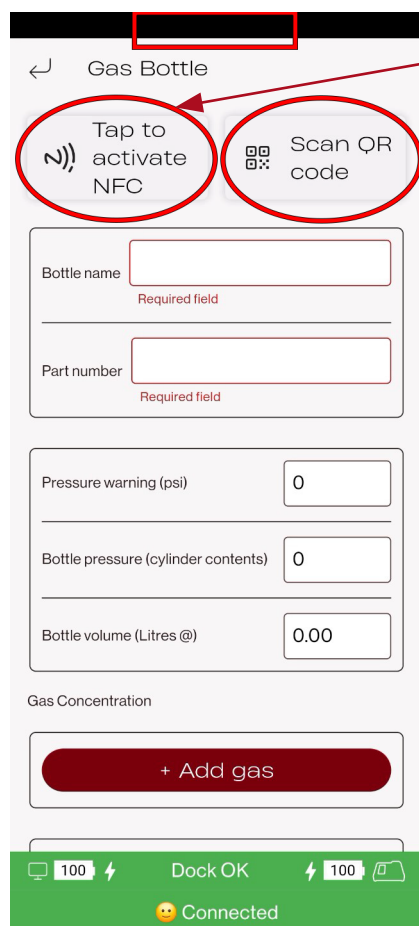


Delete bottle

Add new bottle

NOTE: the user should ensure that the gas cylinder contains the calibration gas for all 4 channels in the case of the SST4.

NOTE: some SST4 and SST5 devices have sensors that cannot all be calibrated from a single gas cylinder. If that is the case, refer to [section 3.5 Two-Bottle Calibration For Multi-Gas Devices](#) for more details.



If a WatchGas NFC tag is installed on the gas bottle, simply tap the bottle to load in the information.

If the gas bottle label contains the WatchGas QR code, use the QR code scanner on the front of the touch screen.

WatchGas recommends users enter the bottle name for easy reference.

WatchGas recommends users enter the part number for easy reordering.

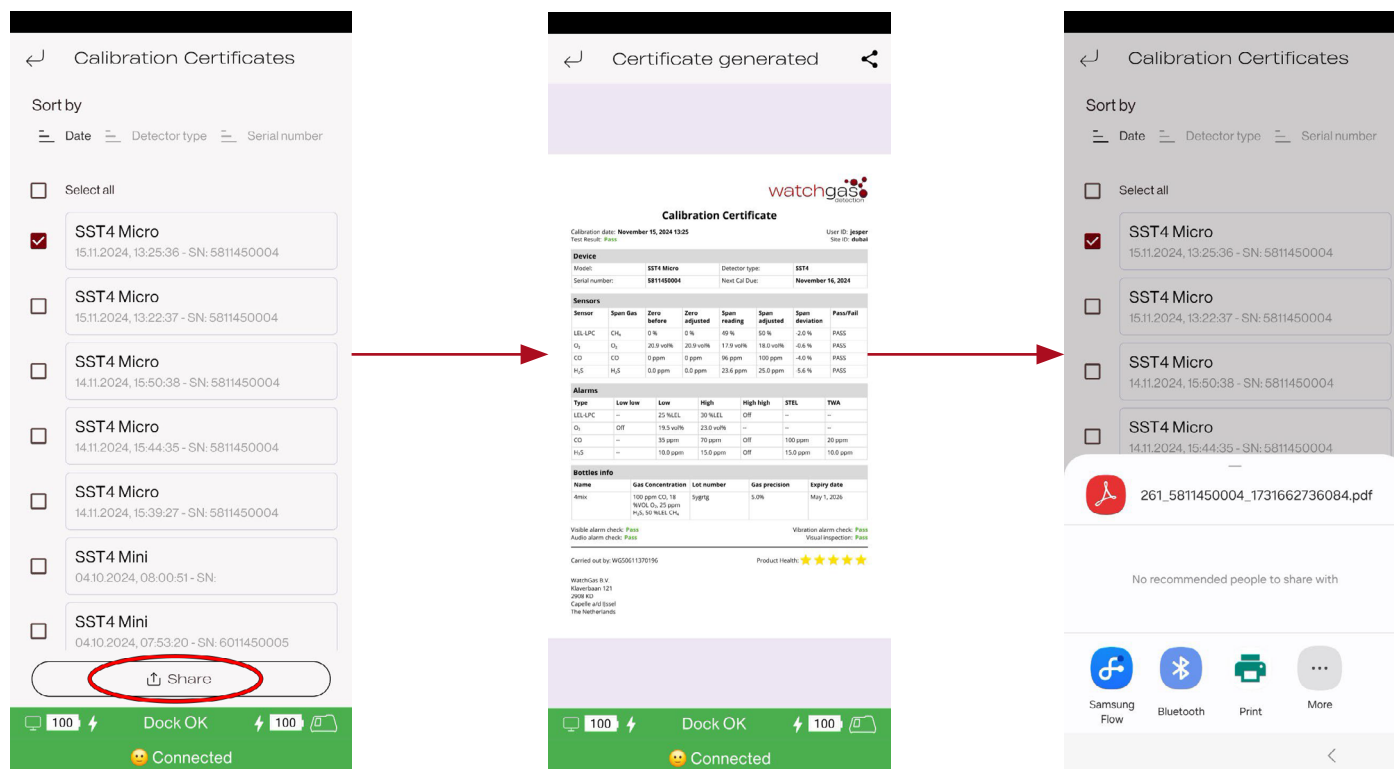
If the pressure sensor is utilized on the regulator, set the low alarm (50 PSI).

The pressure sensor range.

The bottle size.

Manually add gas concentrations.

2.10 Calibration Certificates



Select the desired certificate from the list and press the Share button.

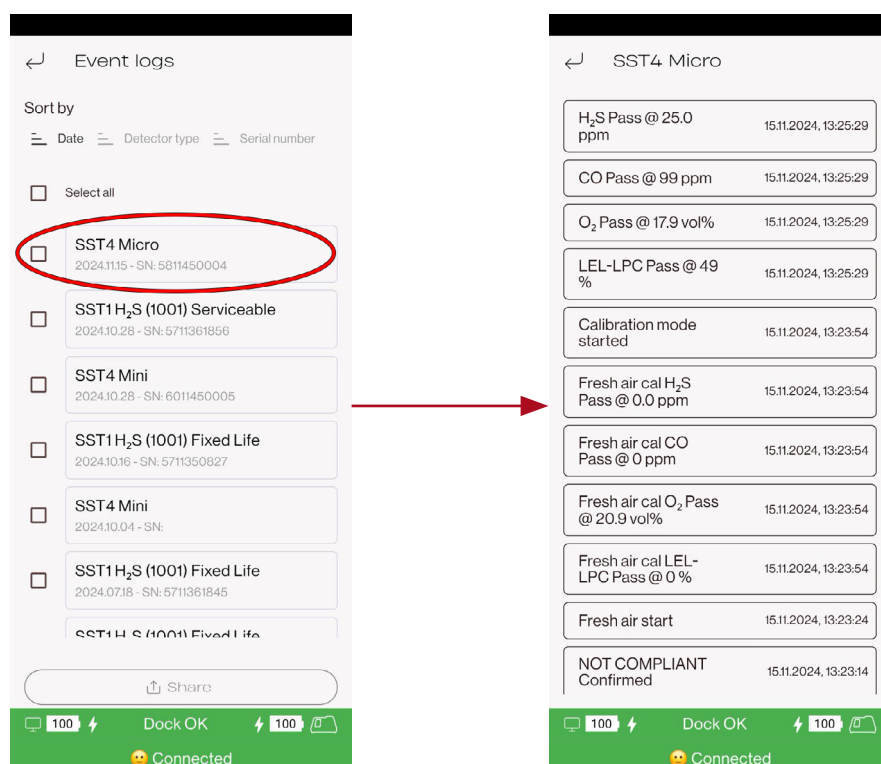
View the Certificate.

Sharing certificates can be done via different sharing methods.

NOTE: the application shall be installed on the touch screen.

If no active email account is present, then the email icon will not show.

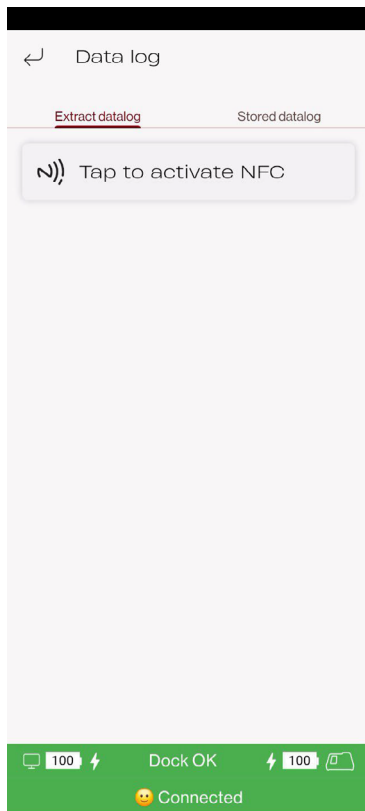
2.11 Event Logs



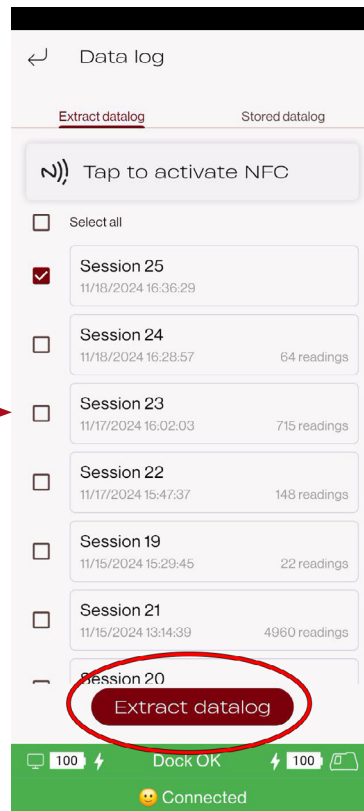
The event log overview allows the user to quickly view the **last 100 events** from the SST device selected.

These can also be shared via different sharing methods.

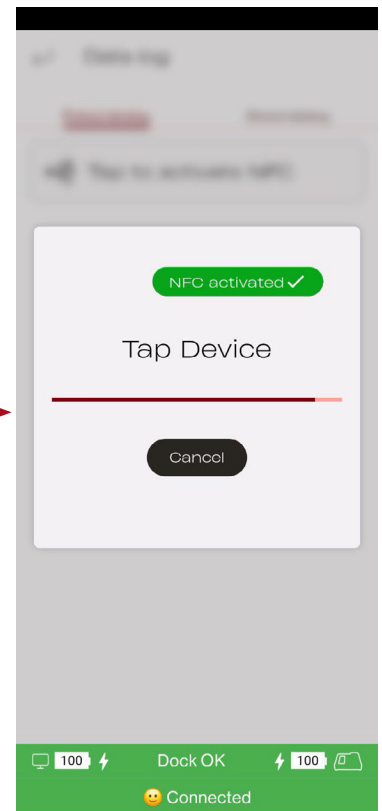
2.12 Data Log Download



Tap the device to activate NFC

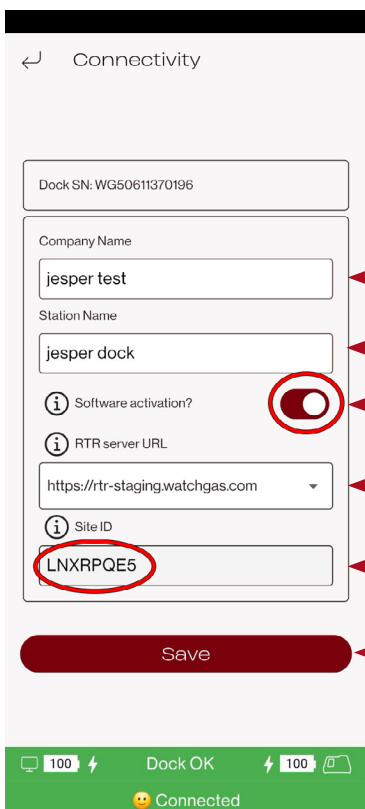


Select the desired data logs and press the Extract Datalog button



The selected data log files will be downloaded to the SST Dock

2.13 Connectivity Setup



Company name

The Station name will show up if the WatchGas SST RTR Web Reporting Software is activated

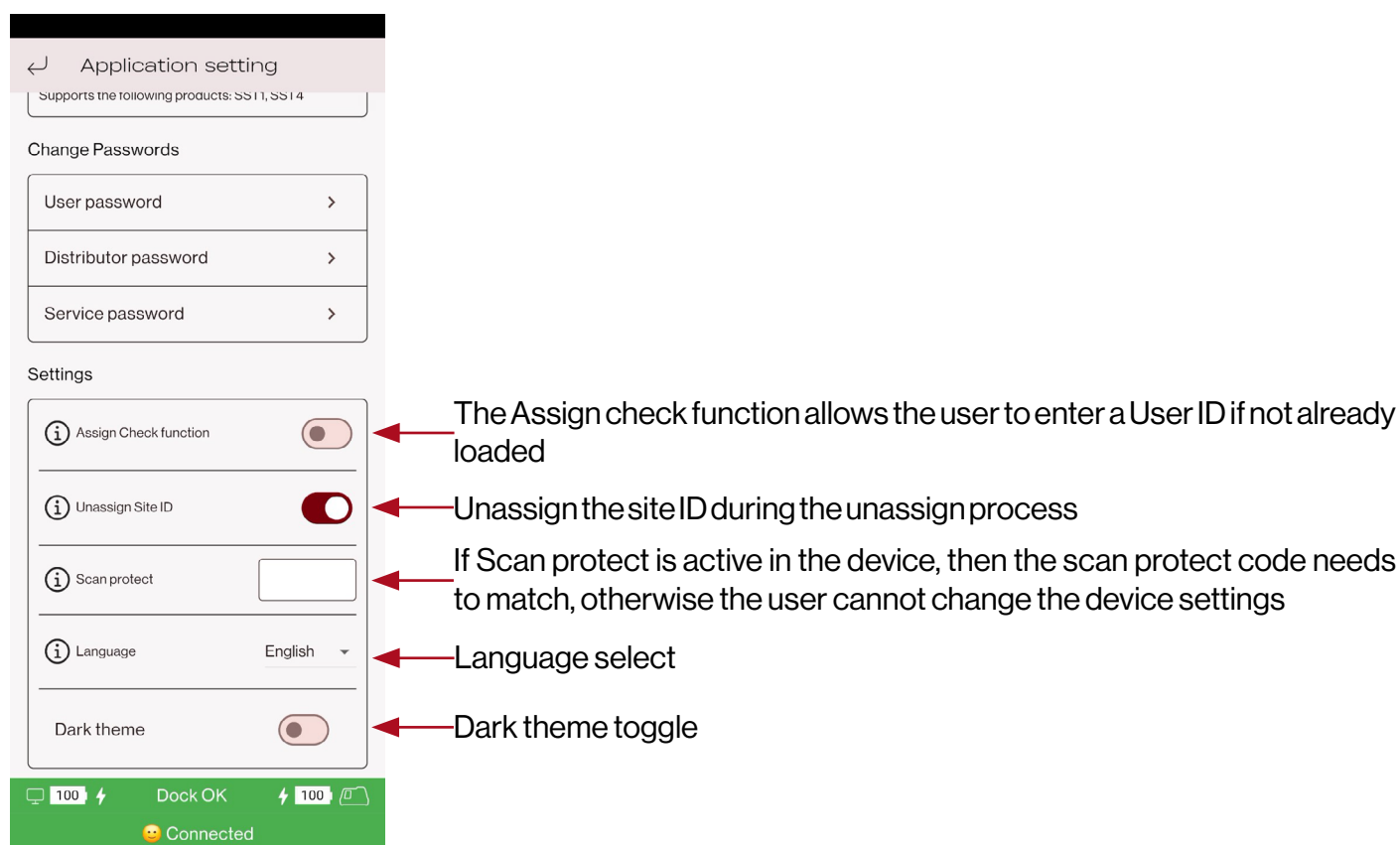
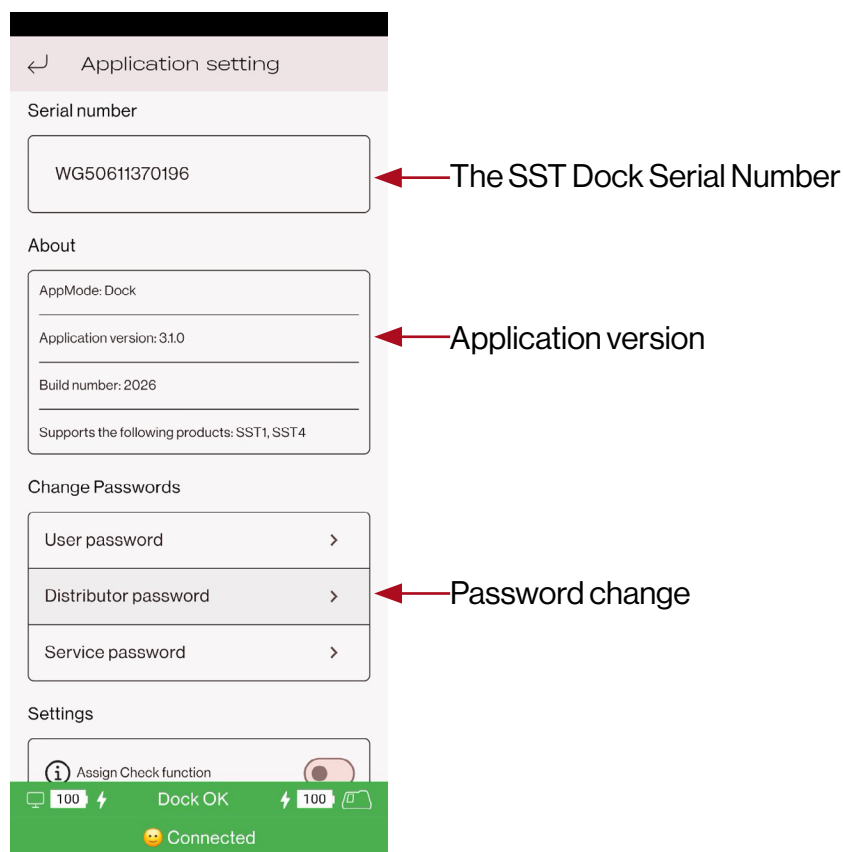
Will be turned on if the WatchGas SST RTR Web Reporting Software has been activated

Select the server site depending on the location – EU or USA

The Site ID for the WatchGas SST RTR Web Reporting Software – shall be obtained from administrator

Press the Save button to save the changes

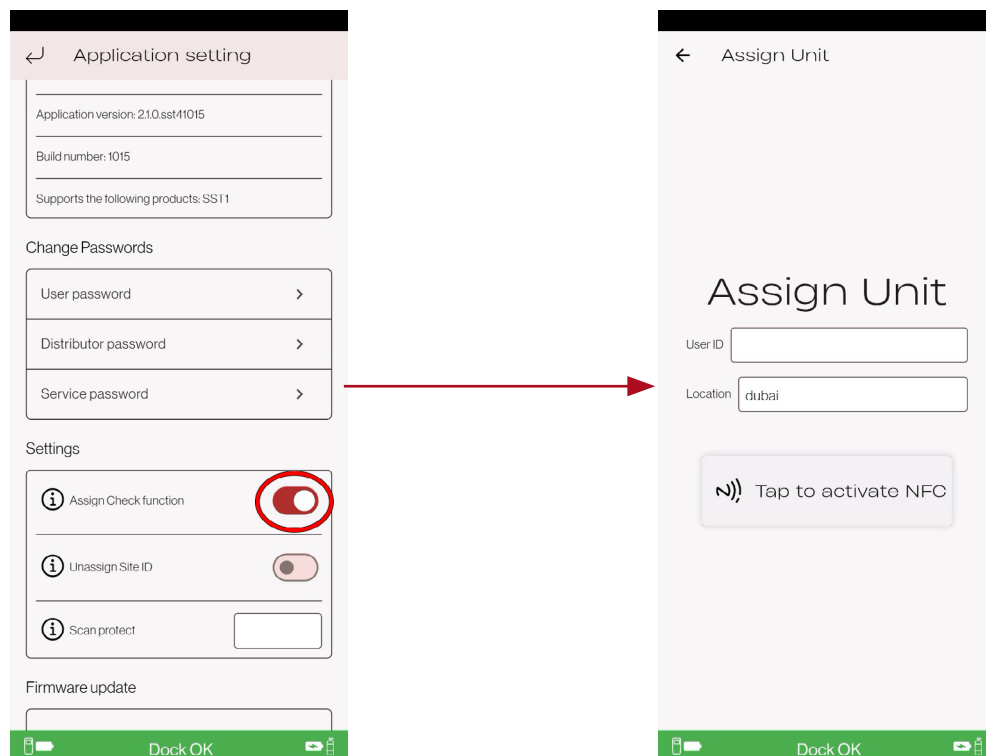
2.14 Application Settings



2.15 Assign Check Function

When this option is turned on, the app will automatically check whether each unit is properly assigned when scanned. If a unit isn't assigned to a user or site, there will be a prompt asking to assign it before continuing.

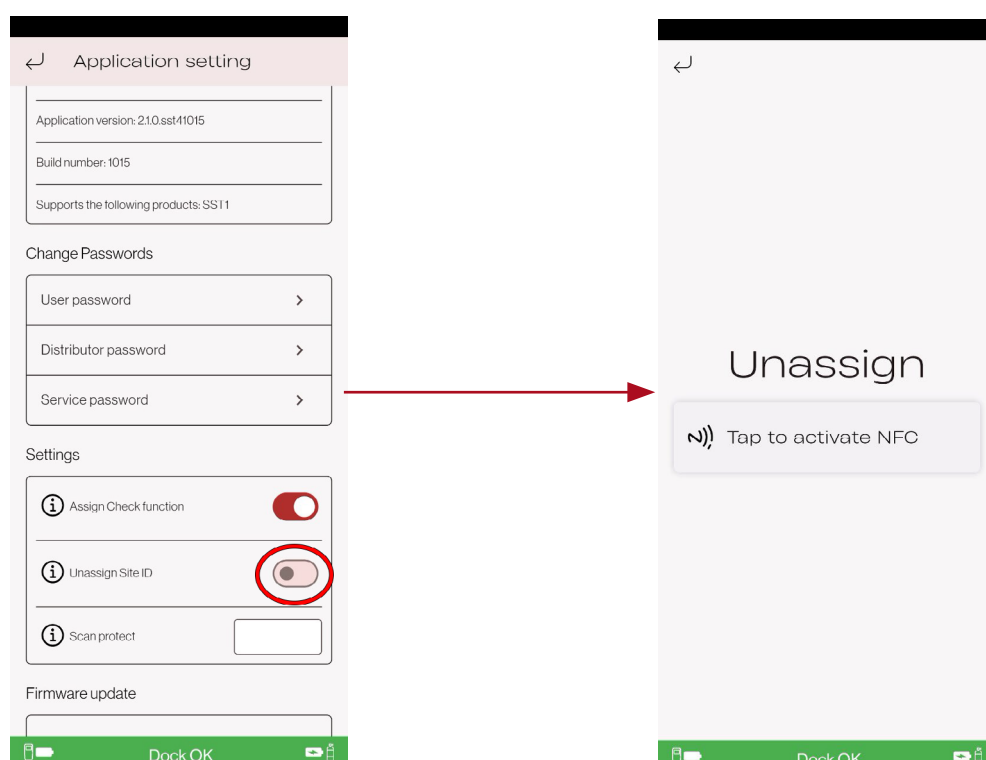
This helps ensure that all scanned units are correctly linked to both a **User ID** and a **Site ID**, thus preventing unassigned units from being processed by mistake.



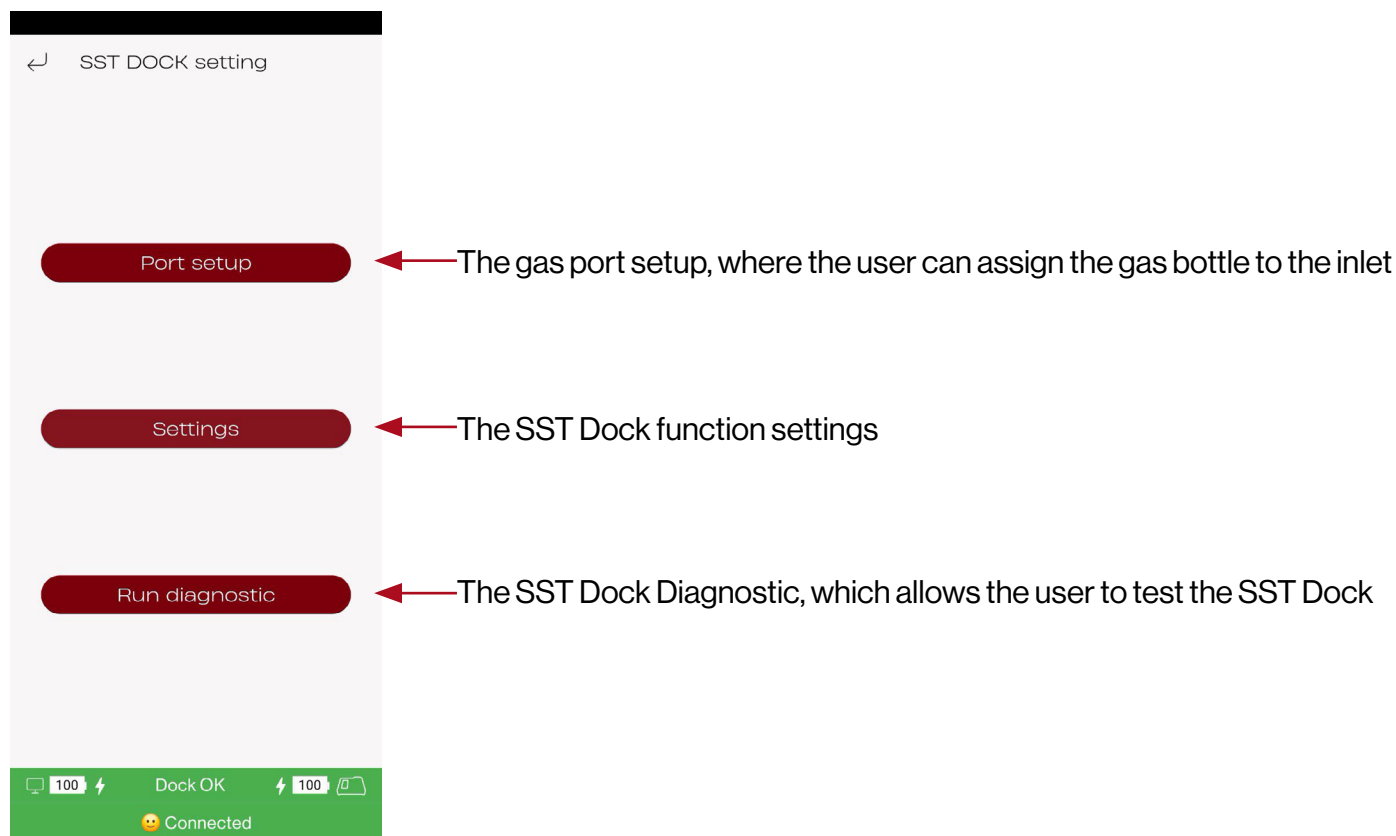
2.16 Unassign Site ID

When this option is turned on, using the **Unassign** feature will remove both the **Site ID** and the **User ID** from the unit.

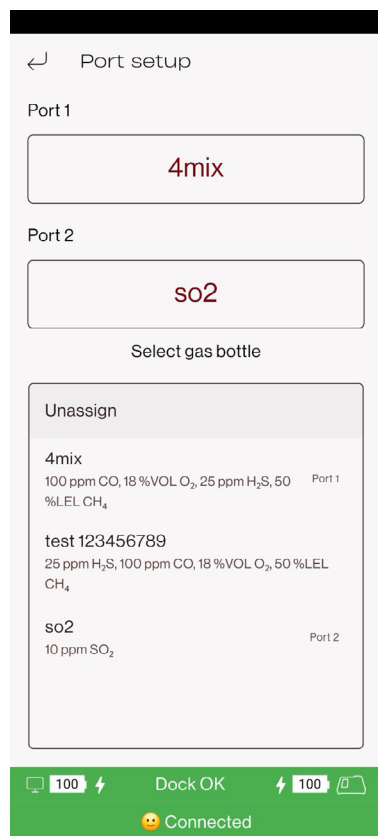
If this option is **turned off**, only the **User ID** will be unassigned, and the **Site ID** will **remain unchanged**.



2.17 SST Dock Setting Menu



2.18 SST Dock Port Setup

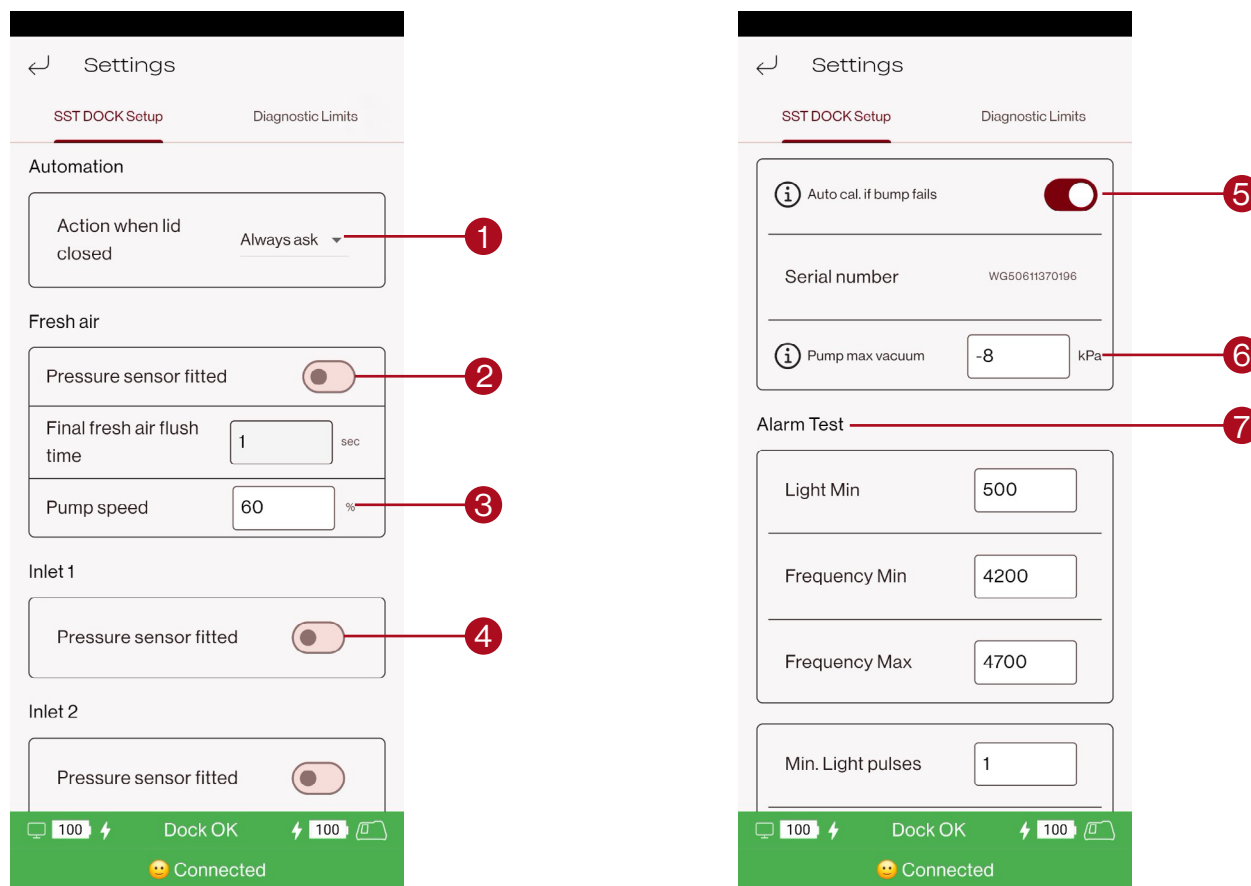


The SST Dock Port Setup allows the user to select gas bottles from the gas bottle list.

From the preprogrammed gas bottle list drop down menu, select which gas to connect to which port.

The port name is **clearly marked** on the SST Dock.

2.19 SST Dock Settings



1. Action when the SST Dock lid is closed with the device inside, the user can select one of the following functions: **Always ask** (open dialog with the option to perform a fresh air calibration, bump, and zero calibration), **Fresh Air Calibration**, **Bump**, or **Zero Calibration**.
2. If a fresh air bottle is connected and the pressure sensor is installed, this option must be turned on.
3. The pump speed **should never be below 40%**.
4. If pressure sensors are fitted they must be turned on here.
5. If this option is **turned on and bump fails**, the SST Dock will **automatically perform a zero calibration**.
6. Inlet block alarm, which indicates that a gas bottle is empty.
7. NOTE: the alarm test settings should **not** be adjusted unless under special circumstances.

2.20 SST Dock Diagnostic Settings

The image displays two screenshots of the 'Settings' app for the SST Dock, specifically the 'Diagnostic Limits' section. The left screenshot shows the 'Zeroing sensors' section with settings for maximum pump current, minimum and maximum zero vacuum, and stabilisation time. The right screenshot shows the 'Diagnostic Limits' section with settings for maximum count when open/stalled at 100% and 50% drive, and port tests for maximum current and vacuum differential. Red numbered circles 1-10 point to specific settings.

Left Screenshot (Zeroing sensors):

- 1. Diagnostic Limits (Section Header)
- 2. Maximum pump current when stopped: 5 mA
- 3. Minimum zero vacuum: -3.0 kPa
- 4. Vacuum time: 1000 ms
- 5. Pump max vacuum: -55.0 kPa

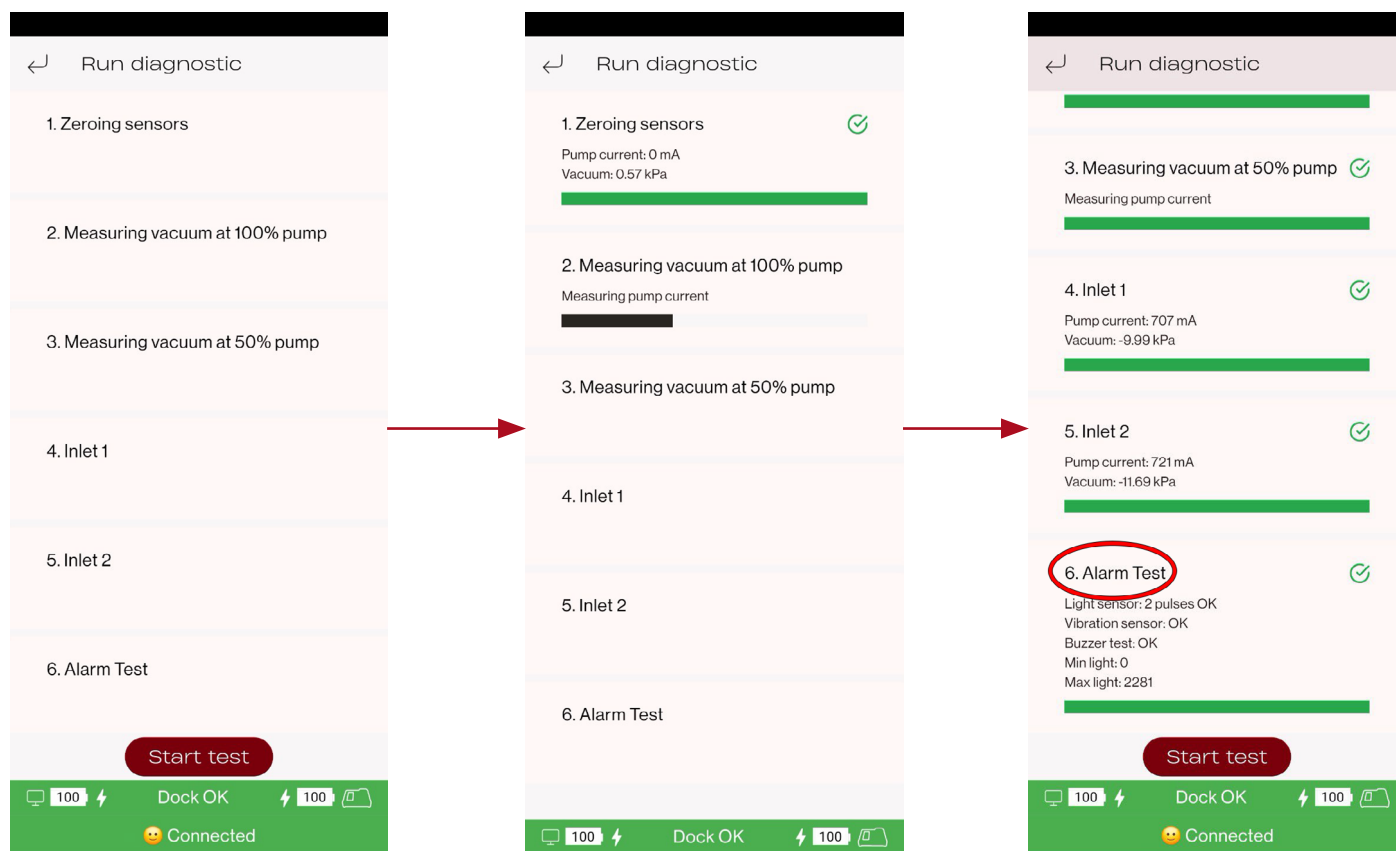
Right Screenshot (Diagnostic Limits):

- 6. Maximum count when open at 100% drive: 2000
- 7. Maximum count when stalled at 100% drive: 3300
- 8. Maximum count when stalled at 50% drive: 2700
- 9. Maximum current diff from Ideal: 300 mA
- 10. Maximum vacuum diff from Ideal: 5.0 kPa

1. NOTE: The Diagnostic Limits settings should **not** be adjusted unless under special circumstances.
2. The current sensor fault check.
3. The vacuum sensor fault check.
4. The time required for the valves to switch.
5. The vacuum sensor check.
6. The current when the valve is open, this checks if the valve opens.
7. Checks if the valve closes.
8. Checks the pump at 50%.
9. Valves ON/OFF - differential current draw.
10. Differential vacuum.

2.21 SST Dock Diagnostic Test

During the SST Dock Diagnostic Test all the sensors, pump, and valves are checked - providing a clear overview of where the fault has occurred.



Press the Start test button to begin the Diagnostic Test

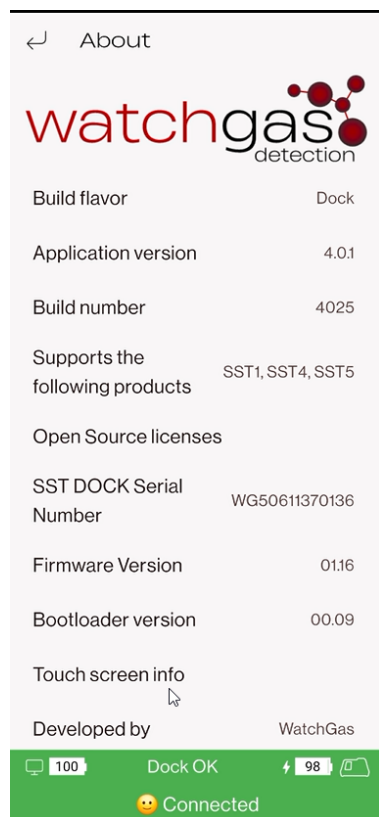
The test will then be run

Test results

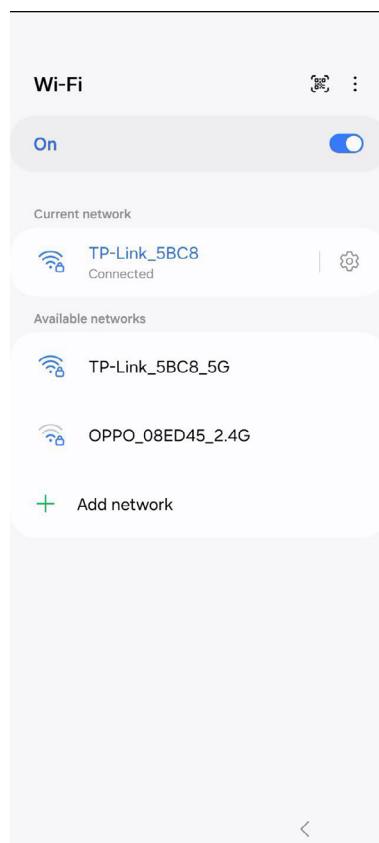
NOTE: a working gas detector needs to be installed with NFC turned on, or the Alarm Test is going to be skipped.

2.22 SST Dock About

The SST Dock About section provides an overview of general information regarding the SST Dock. This includes information such as the App version, build number, which products it supports, the SST Dock serial number, firmware version, and more.



2.23 SST Dock Wi-Fi Settings



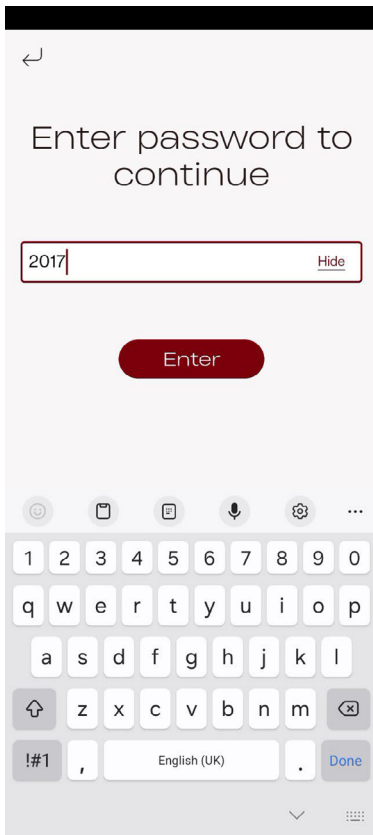
To connect the SST Dock to the internet:

1. Select the appropriate Wi-Fi network.
2. Enter the correct password for the selected network.
3. The SST Dock will then connect to the selected network.

2.24 SST Dock Exit Kiosk Mode

The **Exit Kiosk Mode** feature allows users to change or add features to the touch screen.

To Exit Kiosk Mode, enter password **2017** and press the Enter button.

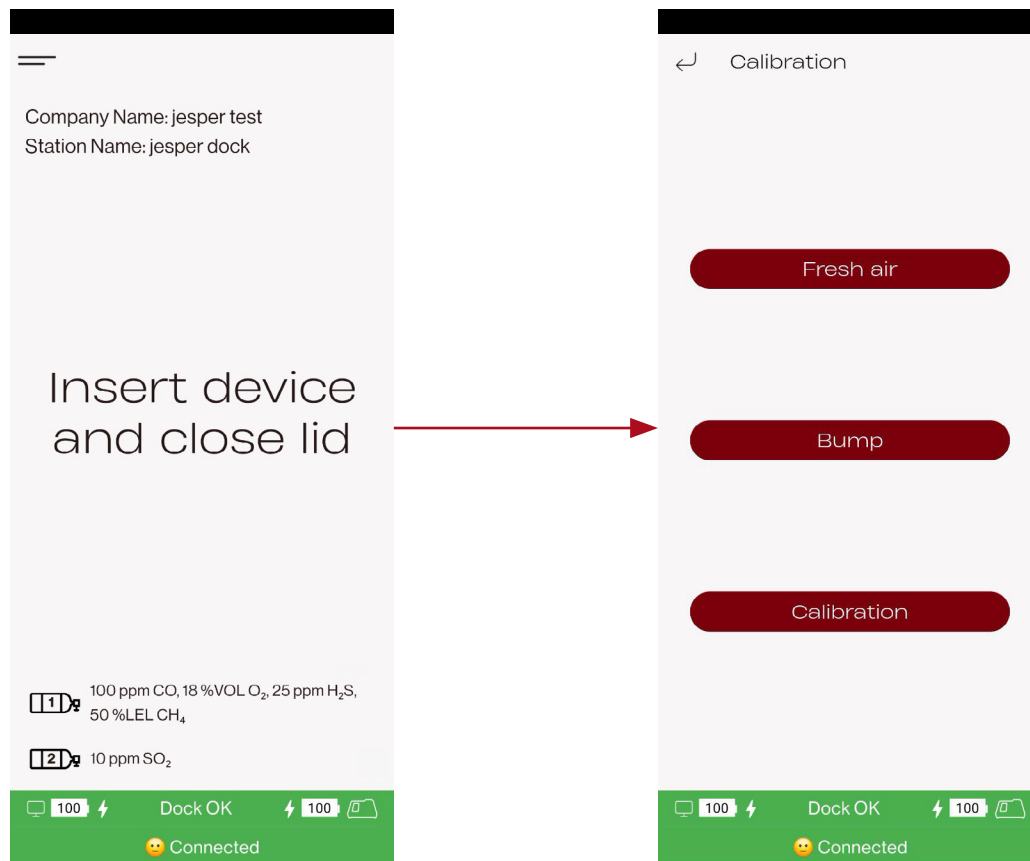


3. SST Dock Functions

3.1 Fresh Air Calibration, Bump, or Zero Calibration

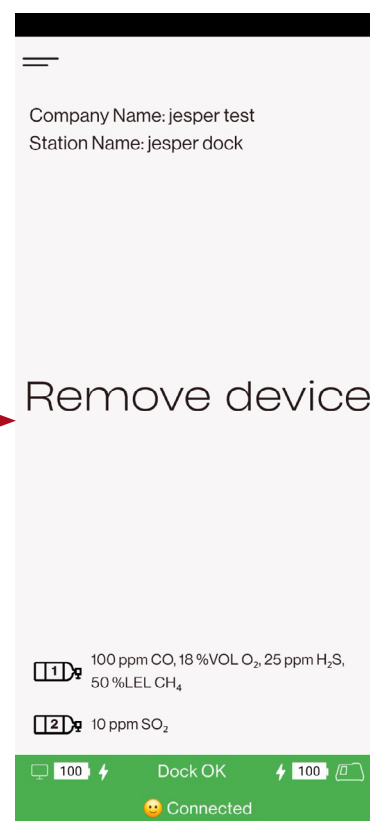
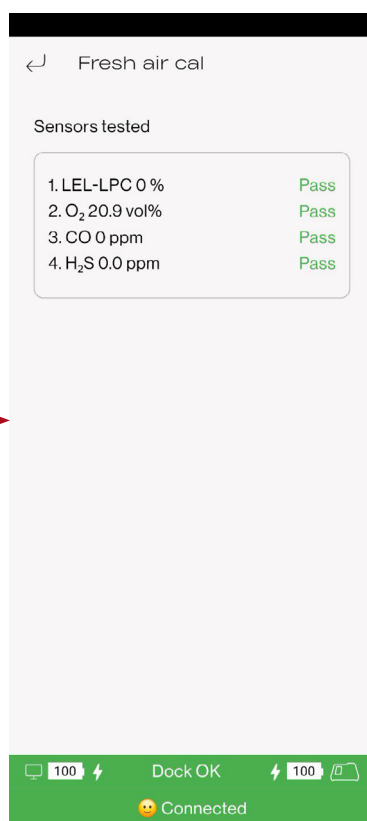
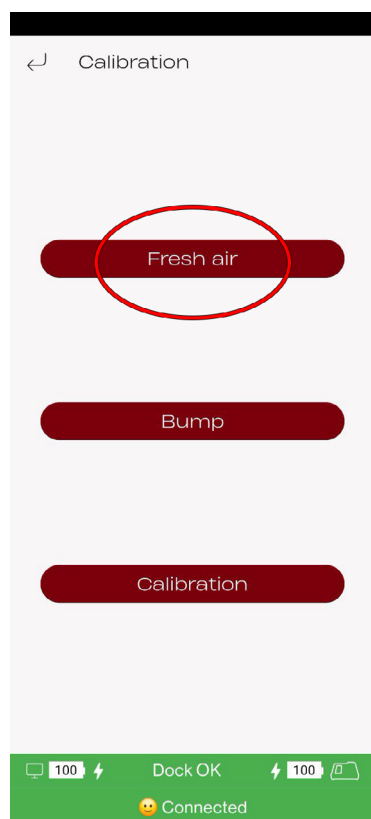
When a device is inserted into the SST Dock and the SST Dock lid has been closed, the following options are going to be displayed: **Fresh Air**, **Bump**, and **Calibration**.

NOTE: the admin can select in the SST Dock Settings which of these functions are allowed.



3.2 Fresh Air Calibration

When this option is selected, the SST Dock will perform a **Fresh Air Calibration** on the SST device inside of it.



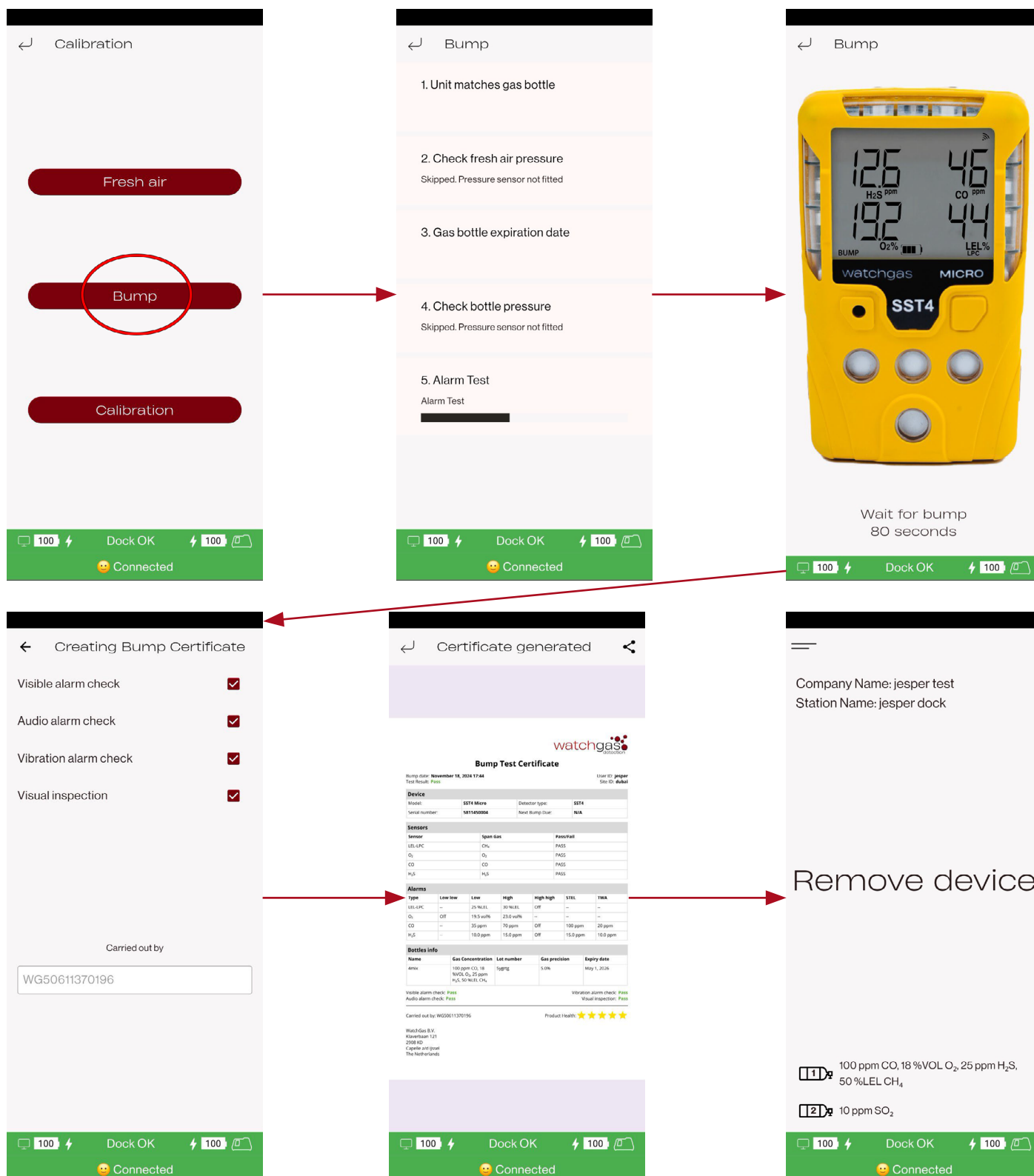
3.3 Bump

When this option is selected, the SST Dock will perform a **bump test** on the SST device inside of it.

First the SST Dock will test the device's alarms, then apply gas to the unit, and generate a bump certificate of the results.

The bump certificate is then briefly shown and **stored** on the SST Dock.

NOTE: No failed bump certificate will be issued if the bump test has failed with the **Auto Cal** feature enabled on the device.

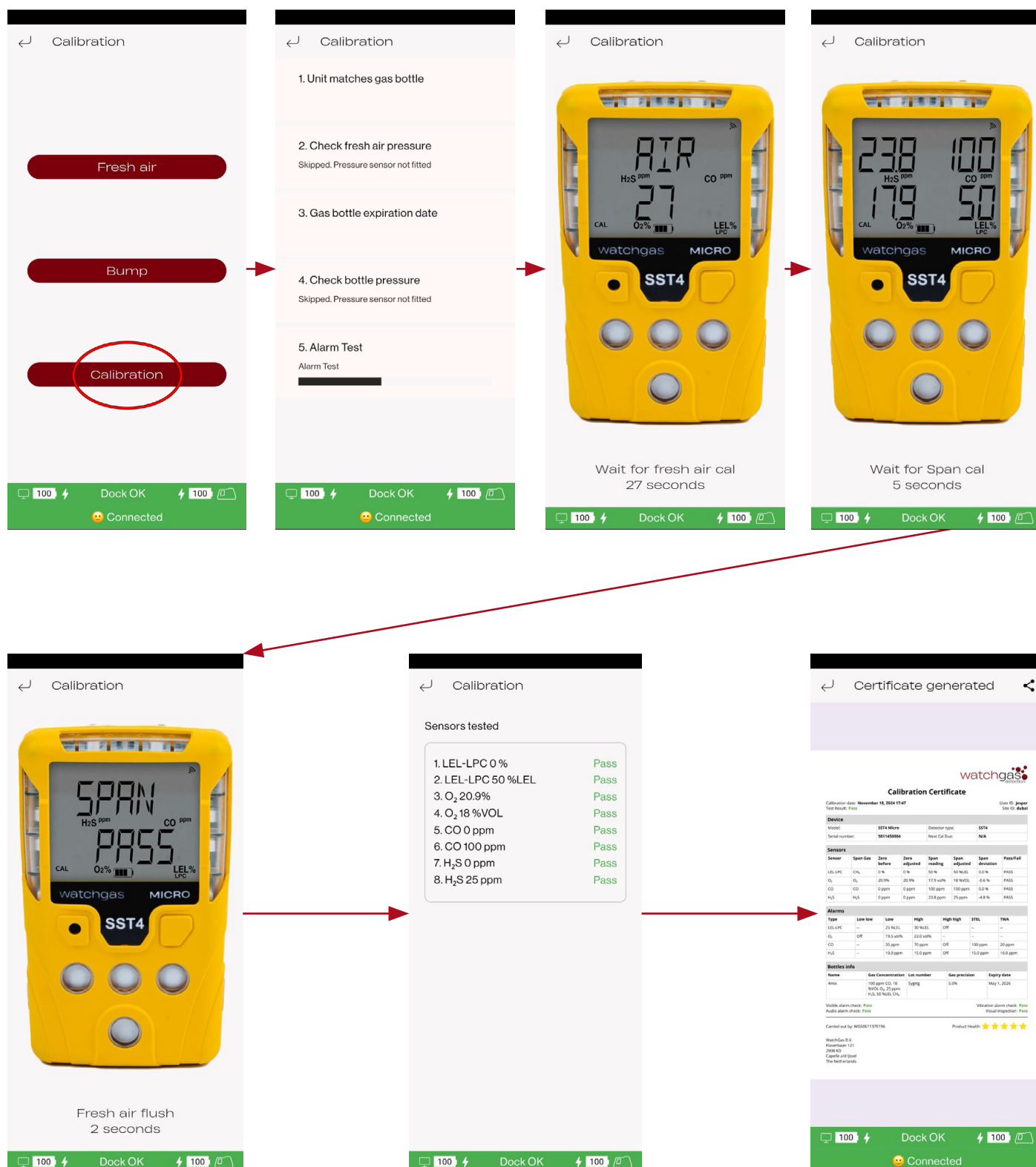


3.4 Calibration

When this option is selected, the SST Dock will perform a **Calibration** on the SST device inside of it.

The calibration process starts with an alarm test, followed by fresh air calibration, followed by a span calibration, and completes with the results certificate preview.

This certificate is then **stored** on the SST Dock.



3.5 Two-Bottle Calibration For Multi-Gas Devices

Some multi-gas devices (SST4, SST5) have sensors that cannot all be calibrated from a single gas bottle. For example, a device fitted with a standard 4-gas sensor set, plus an SO₂ sensor, needs **both a 4-Mix bottle and a separate SO₂ bottle**. The SST Dock has **two gas inlets**, so it can **hold both gas bottles at once**.

When this situation is detected, the SST Dock automatically runs the calibration in two back-to-back parts, one per bottle, and produces a **single Calibration Certificate** covering every sensor.

NOTE: there is no separate menu option for this - the user follows exactly the same steps as in a normal Calibration (refer to the [Calibration section](#)). The SST Dock **automatically detects** whether one bottle or two are needed.

When Two-Bottle Calibration Applies

- **Device Type:** applicable only for SST4 and SST5 (multi-gas) devices. Single-gas devices (SST1/SST1E) are always calibrated from one bottle.
- **Bottle Coverage:** between them, both connected bottles must cover every sensor fitted to the device. If one bottle alone already covers every fitted sensor, the SST Dock calibrates from that bottle only - the second bottle is not used.
- **Port Assignment:** both bottles must already be loaded into the Gas Bottle List (refer to the [Set Up a Gas Bottle section](#)) and assigned to Inlet 1 and Inlet 2 in the Port Setup (refer to the [SST Dock Port Setup section](#)).

Prepare For Use

1. Load both gas bottles into the Gas Bottle List (refer to the [Set Up a Gas Bottle section](#)), entering the correct gas concentrations for each.
2. Assign **one bottle to Port 1** and the **other to Port 2** (refer to the [SST Dock Port Setup section](#)).
3. Connect both bottles to their assigned inlets and confirm the bottle pressure is within range (refer to the [SST Dock Settings section](#)).

NOTE: if both bottles contain a combustible (LEL) gas, or one contains LEL and the other contains Hydrogen, the SST Dock always calibrates the LEL sensor from the Port 1 bottle and ignores the LEL/ Hydrogen content of the Port 2 bottle. This avoids conflicting LEL readings from two sources. If this affects your bottle setup, contact WatchGas.

How the Two-Bottle Calibration Functions

From the user's point of view the sequence **looks identical to a normal Calibration** (refer to the [Calibration section](#)): insert the device, close the SST Dock's lid, and select Calibration. Internally, the SST Dock runs it as follows:

1. **Pre-checks** - the same checks as with any Calibration or Bump test (checks that the unit matches the gas bottle, fresh air pressure, gas bottle expiration, bottle pressure, lid closed, alarm test).
2. **Fresh air / zero** - runs once, covering every sensor fitted to the device - not just the sensors matched to the first bottle. This step is not repeated for the second bottle.
3. **Span - first bottle** - the SST Dock opens the inlet for whichever bottle covers the most sensors and spans those sensors.
4. **Span - second bottle** - the SST Dock automatically switches to the other inlet and spans the remaining sensor(s) using the second bottle. No user action is needed and no bottle needs to be swapped, both bottles stay connected to their ports throughout.
5. **Fresh air flush and certificate** - as with a normal Calibration, the unit is flushed with fresh air and a Calibration Certificate is generated.

NOTE: unlike calibrating a handheld SST1/SST1E by tapping it directly with a phone (where the technician physically disconnects one gas bottle and connects another between taps), on the SST Dock both bottles are permanently plumbed into Inlet 1 and Inlet 2. There is nothing to swap - the two-part run only adds the time of one extra span phase.

What This Looks Like

The on-screen prompts during a two-bottle Calibration process are the same generic Calibration prompts shown in the [Calibration section](#) (“Wait for fresh air cal”, followed by “Wait for Span cal”, followed by the **countdown timer**). Note that the screen does not currently label which bottle is active. The results screen (“**Sensors tested**”) and the final **Calibration Certificate list every sensor from both bottles together**, in one continuous numbered list, exactly as shown in shown in the [Calibration section](#) - there is no visual separation between “Gas bottle 1 sensors” and “Gas bottle 2 sensors” on the certificate.

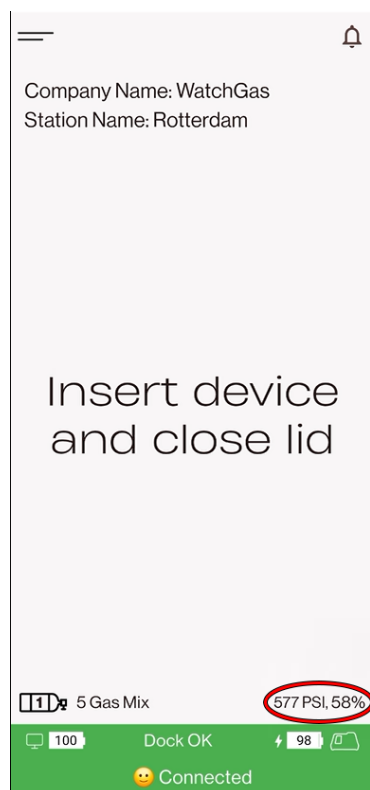
Two-Bottle Calibration Example

Item	Value	Notes
SST4	SST4 (5-sensor build: CO, H ₂ S, O ₂ , LEL, SO ₂)	4 sensors + 1 extra
Gas Bottle - Port 1	4-Mix: 100 ppm CO, 25 ppm H ₂ S, 18 vol% O ₂ , 50 %LEL CH ₄	Covers 4 out of 5 sensors
Gas Bottle - Port 2	10 ppm SO ₂	Covers the 5th sensor only
Result	The SST DOCK detects SO ₂ is not in the Port 1 bottle and automatically runs a two-part calibration	One certificate, includes all 5 sensors

Table 2. Two-Bottle Calibration Example

3.6 Calibrations Left

The SST Dock displays how many calibrations are left in the lower right corner of its start screen. Note that this applies separately to both bottles, if two bottles are attached to the SST Dock.



This allows users to always clearly see how many calibrations they can perform with the current gas bottle before needing to replace it with a new one.

Depending on the gas mixture, the calibrations left counter can display this in one of two ways:

- **[Number] PSI, Cals left ≈ [number]**
- **[Number] PSI, [number]%**

NOTE: The calibrations left will only display in percentage format if any of the following three gases is present in the gas bottle:

- **SO₂**
- **HCN**
- **NO**

Otherwise, the SST Dock will display the Calibrations Left in the **Cals left ≈ [number]** format.

3.7 Automatic Time Synchronization

Whenever an SST detector is connected using the WatchGas Device Link App, or communicates through the SST Dock, the detector's internal real-time clock is **automatically synchronized** with the connected mobile device or SST Dock.

This ensures:

- **Accurate event timestamps**
- **Accurate data logging**
- **Correct compliance records**
- **Consistent date and time across all devices**

This simple procedure establishes communication with the detector and updates its internal clock, ensuring accurate record-keeping.

WatchGas recommends that you tap your SST devices with the SST Dock or WatchGas Device Link App on a regular basis.

4. SST Dock Flow vs % Pump Setting

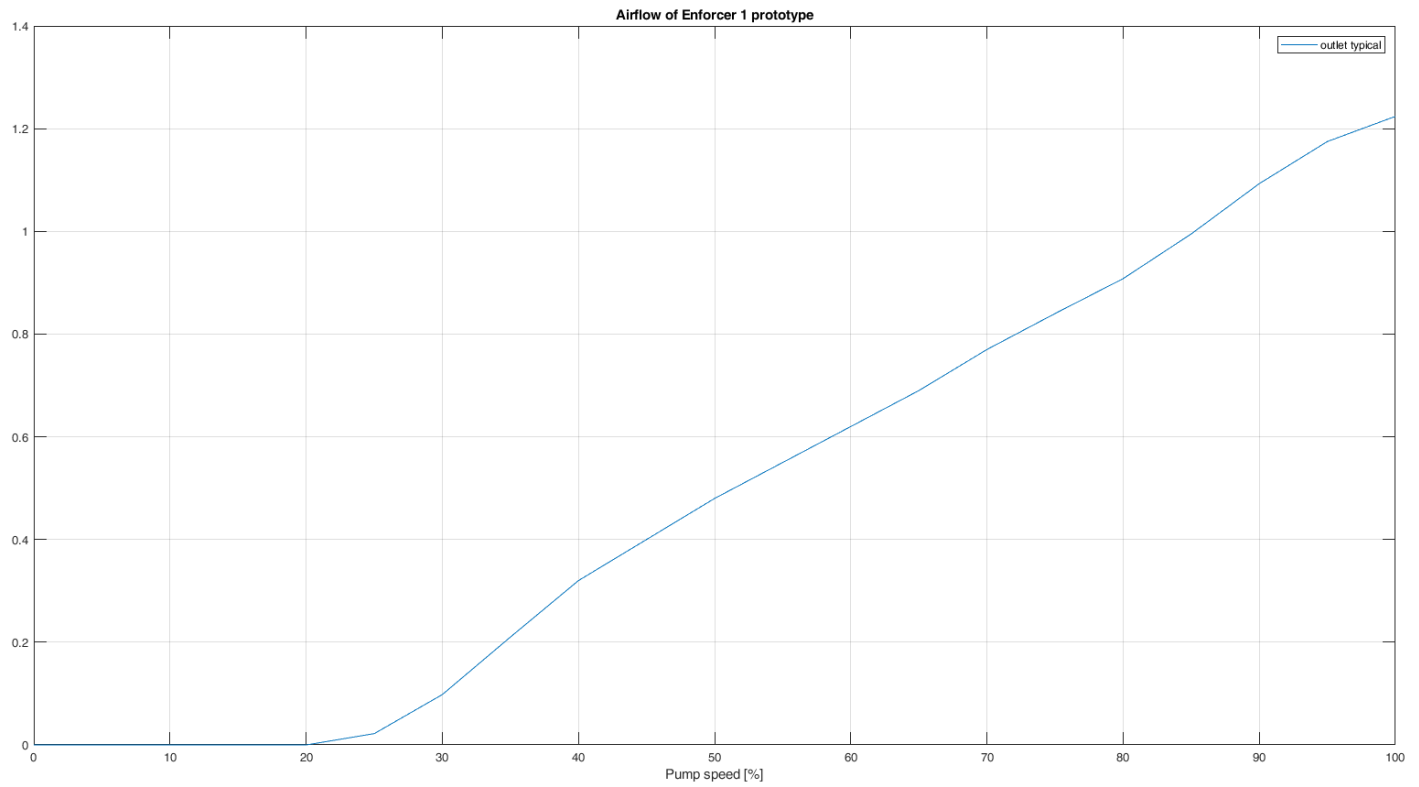


Figure 3. SST Dock Flow vs % Pump Setting

5. Troubleshooting

Note that this User Manual does not include the repair section. For further details, please refer to the SST Dock WatchGas Service Manual.

Problem	Solution
DOCK Fault	Reset alarm
STATUS LED not turning on when the charger is connected	Replace the charger
The SST Dock bump test or calibration result seems incorrect	Check the gas bottle Run diagnostic
Inlet blocked alarm	Check the gas bottle to see if it is empty
The SST Dock does not communicate with the device	Ensure that the Device NFC is active
Only one bottle's gas appears in the calibration results, even though two bottles are connected to the SST Dock	This is expected if the Port 1 bottle already covers every sensor fitted to the device, since the SST Dock only uses a second bottle for the sensors that the first bottle doesn't cover. Refer to the Set Up a Gas Bottle section if a sensor is missing from the results.
The LEL sensor calibrates using the wrong gas bottle	If both connected bottles contain LEL gas, or one has LEL and the other has Hydrogen, the SST Dock always uses the Port 1 bottle for LEL and ignores the Port 2 bottle's LEL/H ₂ content. To reassign bottles in Port Setup, refer to the SST Dock Port Setup section if a different bottle should be Port 1.
Calibration takes noticeably longer than expected	A two-bottle calibration runs one extra span phase compared to a single-bottle calibration. This is expected when the device's sensors are split across two bottles.

Table 3. Troubleshooting Problems and Solutions

6. SST Dock Spare Part List

Part Number	Description
SST-DOCK-LID	SST Dock Entire lid assembly
SST-DOCK-CHRG	SST Dock charger 12V, 1.5A
SST-DOCK-PL	SST Dock External filter for fresh air inlet, pack of 5
SST-DOCK-RB	SST Dock Rubber bumpers that fit on the corners, pack of 4
SST-DOCK-MB	SST Dock Mounting brackets, including 4 screws and spacers
SST-DOCK-LUR	SST Dock Set of Luers PG-63 to connect hose to inlets/outlet, pack of 6
SST-DOCK-KEY	SST Dock Power Key, pack of 5
SST-DOCK-LAT	SST Dock Latch to hold lid in place when closed
SST-DOCK-CAP	SST Dock Gasdefusion cap for SST range
SST-DOCK-USB	SST Dock USB C Cable U Green 150mm
SST-DOCK-SCR	SST Dock Screw pack of 100
SST-DOCK-LIDMOD	SST Dock Lid Modification Assembly

Table 4. SST Dock Spare Parts and Accessories List

7. Contact Details

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