



Document ID: WI-SC0012, Revision A

The Smart Check does not require routine calibration. However, in rare cases oxygen accuracy may drift due to extreme environmental exposure. If the CAL check procedure indicates unacceptable error, perform a one-point field calibration as described below. If this does not resolve the problem, contact Life Spark customer support.

Smart Check One-Point Calibration

The Smart Check can be calibrated to correct small differences. Before performing the calibration:

- 1) Read through these instructions.
- 2) Verify your firmware is compatible.
- 3) Get access to **100% O₂** from a bottle – do not use liquid oxygen or an oxygen concentrator.
- 4) For best accuracy, minimize temperature swings. Place the gas bottle and the Smart Check in the same environment and allow their temperatures to stabilize.

Verify firmware compatibility:

Any device manufactured in 2026 or later supports one-point calibration. The first two digits of the serial number indicate the manufacturing year.











- If the serial number start with **26** or higher → One-point calibration is supported.
- Devices manufactured in 2025 (serial numbers starting with **25**) **may** be compatible.

To confirm compatibility for 2025-manufactured devices, perform the following check:

- 1) Remove the batteries and let device sit for 10 seconds.
- 2) Insert the batteries and immediately observe the display.
- 3) If the display shows three numbers (like 000) before “On” appears, then a one-point calibration can be performed.
- 4) If the display does not show three numbers, then **DO NOT** perform the one-point calibration.
- 5) If you are not sure, then check it again.

NOTE: If the device is not firmware compatible, do not attempt calibration. Contact Life Spark Medical for firmware update options.










Perform the following only if you have confirmed your firmware is compatible. To perform the calibration:

- 1) Flow 2 LPM of oxygen to the Smart Check until readings are stable.
- 2) With the Smart Check still hooked to the flowing gas, turn off the device.
- 3) With the unit off, press and hold .
- 4) While holding , press and release each of the following one at a time: ,  and .
- 5) Release .
- 6)  will appear on the screen. If it does not appear, return to step 2 above.
- 7) Within 10 seconds, first press  then .
- 8)  will display on the screen during the calibration. If CAL does not appear, return to step 2 above.

- 9) The device will perform the calibration. This will take several seconds. Ensure the gas remains flowing until the calibration is complete.
- 10) If the calibration is successful, ✓ will flash on the screen.
- 11) If the device cannot be calibrated, ✗ will show on the screen. Verify you are using 100% oxygen and try again. Reach out to customer support if it continues.

Clear One-Point Calibration

To clear the one-point calibration and return the device to its factory calibration, do the following. Verify firmware is compatible before proceeding (see section **Error! Reference source not found.**).

- 1) With the unit off, press and hold .
- 2) While holding , press and release each of the following one at a time: ,  and .
- 3) Release .
- 4)  will appear on the screen. If it does not appear, return to step 1 above.
- 5) Within 10 seconds, first press  then .
- 6) 0.0 should appear in the lower display. If not, return to step 1.

Manufacturer



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Note: If you would like assistance with setting up, operating or maintaining the Smart Check, contact Life Spark Medical.