

QUICK REFERENCE GUIDE



How to use NIOX VERO®

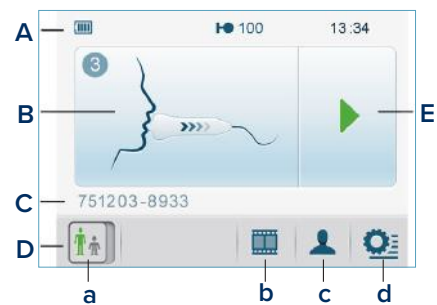
1

Turn NIOX VERO® on

Activate the NIOX VERO® device by moving the ON/OFF switch to the ON position. If NIOX VERO® is in standby or sleep mode, simply touch the display to activate it. The main menu will appear.

- A – Status bar.
- B – Instructive demonstration.
- C – Patient ID (if entered).
- D – Main menu.
- E – Start measurement button.
 - a – Measurement mode 10s/6s (only shown when 6s is an option, for more information see “Enable/disable 6s measurement mode” in the user manual).
 - b – Demo.
 - c – Patient ID entry.
 - d – Settings.

For Status bar and Settings view, see User Manual for explanation of symbols.



2

Select an animation

There is a choice of three different animations.

1. Select the Animation button on the main menu
2. Select which animation to use (Cloud, Girl or Gauge)
3. Select OK button to confirm the changes.



3

Register Patient ID (optional)

Note: If Patient ID is used, it must be entered before each measurement, even if it is the same patient. Local regulations on patient information privacy must be considered when using unique patient identifiers.

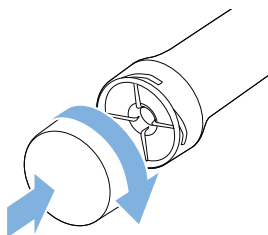
1. Select the Register patient ID button from the main menu
2. Enter up to 12 characters (alpha or numeric)
3. Select the ABC button to activate a keyboard with the alphabet. The 123 button changes view back to the numerical keyboard
4. Select OK button to confirm the registration
Use the Erase button to erase
Use the Undo button to undo a registration.



Register patient ID menu

4

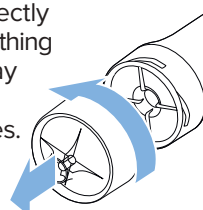
Remove cap



5

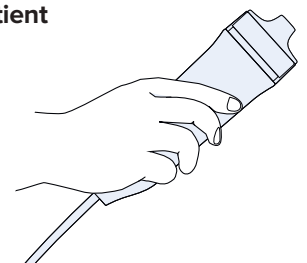
Attach filter

There is a risk of leakage if the filter is not correctly attached to the Breathing handle, and this may result in incorrect measurement values.

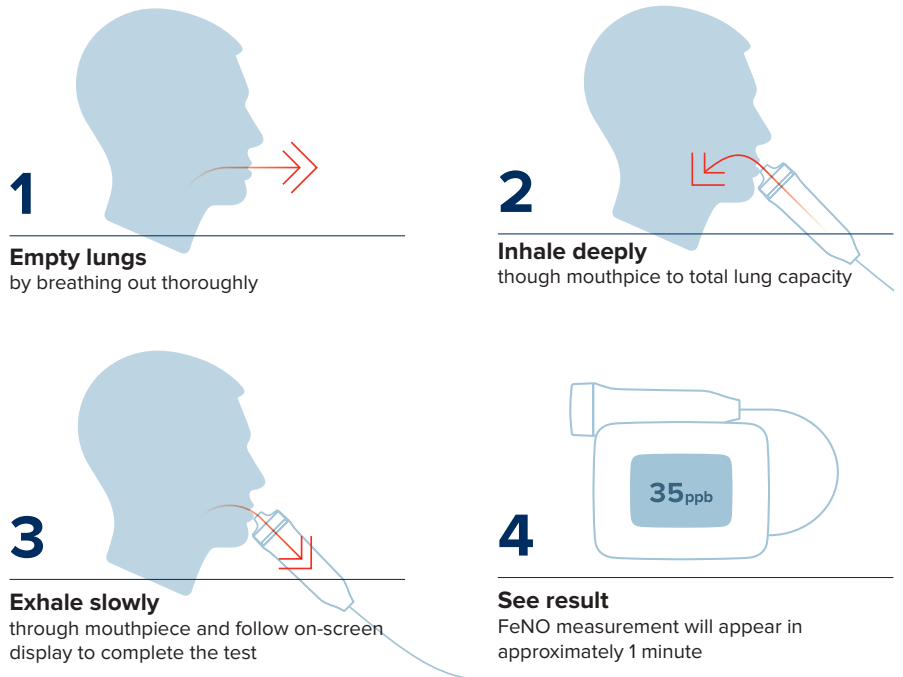


6

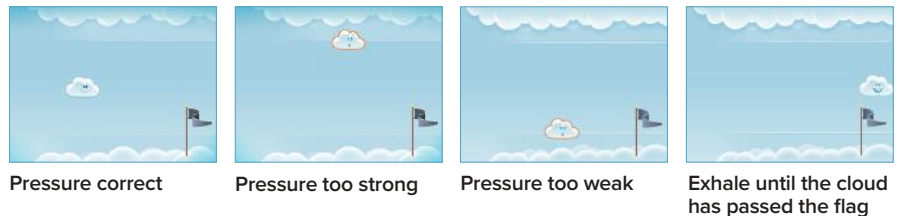
Give the breathing handle to the patient



How to perform a FeNO measurement



Example with cloud animation



NIOX VERO® may only be operated as directed in the NIOX VERO® user manual by trained healthcare professionals. Trained status is achieved only after careful reading of the user manual. Read the entire user manual and make certain that you fully understand the safety information.

Important information regarding NIOX VERO®

NIOX VERO® is a portable system for the non-invasive quantitative simple and safe measurement of Nitric Oxide (NO) in human breath (FeNO) and Nasal Nitric Oxide (nNO) in the aspirated air from the nasal cavity. For FeNO: Nitric Oxide is frequently increased in some inflammatory processes such as asthma and decreases in response to anti-inflammatory treatment. FeNO measurements should be used as part of a regular assessment and monitoring of patients with these conditions. NIOX VERO® FeNO is suitable for patients age 4 and above. As measurement requires patient cooperation, some children below the age of 7 may require additional coaching and encouragement. NIOX VERO® FeNO can be operated with 2 different exhalation times, 10 seconds and 6 seconds. The 10 second mode is the preferred mode. For children who are not able to perform the 10 second test, the 6 second is an alternative. The 6 second test should be used in caution with patients over the age of 10. It should not be used in adult patients. Incorrect use of the 6 second exhalation test may result in falsely low FeNO.

6-second measurement mode

(See User Manual)

NIOX VERO® can be operated with two different exhalation times, 10 seconds and 6 seconds.

The 10-second test is the preferred mode. For children who are not able to perform the 10-second test, the 6-second test is an alternative.

The 6-second test should be used with caution in patients over the age of 10 years. It should not be used in adult patients. Incorrect use of the 6s exhalation mode may result in falsely low FeNO values, which can lead to incorrect clinical decisions.

How to interpret alert codes



A10

Exhalation too strong

Press Return and repeat the measurement with less exhalation force.



A11

Exhalation too weak

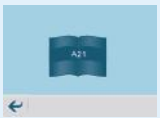
Press Return and repeat the measurement with greater exhalation force.



A12

Measurement failed

No exhalation detected or the user failed to exhale within 15 seconds from the inhaling. Press Return button, restart the measurement and exhale into the instrument directly after inhalation.



A21

Measurement failed

Remove any sources of disturbance (such as cordless phones/mobile phones or gas emitting appliances). Then press Return. When the instrument is ready for use repeat the measurement. If the alert persists, unplug and reconnect the power supply unit to restart the instrument.



A02

Sensor stabilization

Remove any sources of disturbance (such as cordless phones/mobile phones or gas emitting appliances). Wait for the Sensor to stabilize.



A03

Unstable system

Remove any sources of disturbance (such as cordless phones/mobile phones or gas emitting appliances). Wait for the system to stabilize.



A04

Count down time

The remaining time until the instrument is ready to use is displayed.



A05

Lock MMI

When the instrument is connected to a PC the main view buttons will be locked.

For other alert codes please use the User Manual.



We are here to help you

Do you have any questions about your NIOX® device?

Visit mlsmedph.com/contact-us/ today or scan the QR code.