



NObreath® Features

Evidence-based design. Proven performance.

NObreath® delivers accurate, reliable FeNO testing you can trust

NObreath®



Conforms to the requirements of the ATS/ERS Recommendations for FeNO testing¹

NObreath® follows the American Thoracic Society (ATS) and European Respiratory Society (ERS) FeNO measurement methodology, including controlled flow (50 mL/s) and plateau analysis.



Controls ambient NO¹

NObreath® minimises ambient NO interference through our TrueFlo™ technology and as recommended in the ATS/ERS standards, see more: nobreathfeno.com/measuring-feno-with-the-nobreath



Service flexibility for long-term use and reliability

Factory calibration, annual service support, or simply change the sensor yourself, meaning no clinical downtime. This ensures accuracy and peace of mind for years to come, protecting your capital investment.



Child-friendly testing

Designed with a ~ 10 second exhalation for children, plus clear on-screen instructions and audible cues.



Ergonomic device and mouthpiece²

Designed for comfortable handling, easy to use and optimal patient experience. In fact, NObreath® has been proven to have the highest usability score among its peers.



High efficiency filtration³

Advanced mouthpiece filters > 99% of bacteria and > 98% of viruses.



Operating temperature

Operates reliably in ambient temperatures from 15°C to 30°C.



Clear audio and visual guidance

On-screen prompts and audible cues guide patients through each step.



Dedicated support

Backed by Bedfont's global technical support and distributor network.



Reliable and portable

With approximately 100 tests on a full charge, NObreath® is designed for portable battery operation, with optional mains power support for extended clinical testing sessions.



FeNO Testing Without Limits

No need to purchase a set amount of tests, meaning no tests are lost. A more cost-effective way to conduct FeNO testing. Subject to correct use, maintenance and service. Tested up to 29,000 tests.



Widely used in clinical research

NObreath® is CE Marked, FDA 510(k) cleared and trusted by healthcare professionals worldwide. Designed to deliver accuracy, usability, and confidence in every test.



Rated Number 1 for Usability²

0.98

Repeatability (ICC) — consistent, dependable results test after test.

94.3%

Agreement with the gold-standard CLD device at the 25 ppb asthma threshold.

~ 100 Tests per Charge

Tests per full battery charge, making the NObreath® the perfect choice for portability.

References:

1. American Thoracic Society and European Respiratory Society. ATS/ERS recommendations for standardized procedures for the online and offline measurement of exhaled lower respiratory nitric oxide and nasal nitric oxide. American Journal of Respiratory and Critical Care Medicine. 2005;171(8):912-930.
2. Idzko M, Bal C, Schiffrers C, Van Herck M, Zehetmayer S, Breyer MK, Hartl S, Breyer-Kohansal R. Comparison of usability and user-friendliness of three FeNO analyzers in a general population cohort of the LEAD study. Scientific Reports. 2025 Mar 10;15(1):8255.
3. Public Health England. An Evaluation of Filtration Efficiencies Against Bacterial and Viral Aerosol Challenges. Salisbury: Public Health England; 2020

