



 **NObreath<sup>®</sup>**

FeNO monitoring in primary care.  
Make better clinical decisions for patients with asthma  
with a simple breath test.

# NObreath®

A simple FeNO breath test can help make the right decision on Asthma.

Using proven technology with over 10 years of clinical use, the NObreath® FeNO monitor is designed to detect eosinophilic airway inflammation from a simple breath sample.

Results from a FeNO test will help medical professionals make better, more informed clinical decisions for patients displaying symptoms of airway inflammation and provide the appropriate treatment and ongoing care.



## KEY FEATURES



Can be used on adults & children



On-board memory storage



Instant FeNO readings



USB connectivity with PC software



Shows patient compliance



Low maintenance costs

Made in the UK, the Bedfont® NObreath® is a highly accurate, reliable and simple to use handheld FeNO monitor. The monitor is lightweight, portable and made with Steritouch anti-bacterial coating for infection control. It is powered by an internal battery and comes with a USB charging docking station that also allows for PC-connectivity and comes with free FeNO chart software.

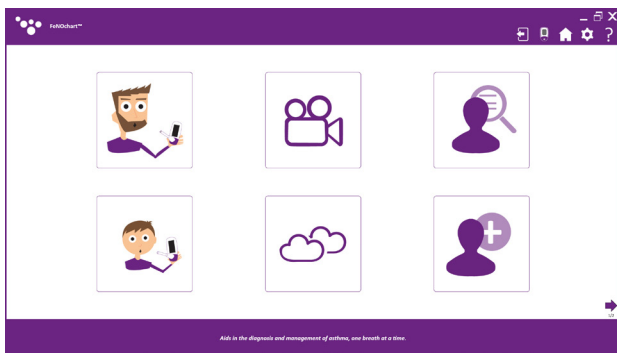
The test is simple to perform, non-invasive and requires very little respiratory effort making it suitable for use on children as well as adults. The highly intuitive icon-based interface is easily navigable. The on-screen graphical instructions will guide the user when to inhale and when to exhale into the mouthpiece.

The result is displayed immediately after the test as a single value in parts per billion.

# Simple to use. **Accurate results.**

The NObreath® is simple to operate and uses a specially designed mouthpiece. These single-patient mouthpieces (sold separately) can be used multiple times in any one session without affecting repeatability, and are constructed using a bacterial viral filter that further mitigates the risk of cross-infection between patients.

The test is performed using the on-screen incentive as a guide to the user in maintaining a consistent flow rate which is essential for a good quality test. Test quality feedback confirmation is displayed as a green tick or a red cross to ensure user compliance. The result is instantly shown as a single, easy to interpret value in ppB (parts per billion) that can be cross-referenced with the FeNO interpretation chart provided.



## Free FeNO Chart **PC Software.**

FeNO Chart PC Software is included as standard with the NObreath FeNO monitor. The software allows the user to create, store and manage patient data, look at trends, generate reports and synchronise data between the device and PC. It also allows for live testing when the NObreath monitor is connected directly to the PC via USB cable.

### **BENEFITS OF USING NObreath**

- **Make better clinical decisions on Asthma**  
Prescribe the right treatment quicker
- **Shorten the patient journey to treatment**  
Reduce the amount of "revolving door" patients by reaching a conclusion faster
- **Cost-effective with low running costs**  
Single-patient mouthpieces can be used multiple times in a session
- **Repeatable. Reliable. Accurate.**  
Proven technology with over 10 years of clinical use
- **Quality test feedback**  
Confirms that the test has been performed correctly and at a consistent flow rate



## Technical Specification

<b>Device category</b>	FeNO Monitor	<b>Operating/transport/storage pressure</b>	Atmospheric $\pm 10\%$
<b>Concentration range</b>	0-500ppb	<b>Sensor operating life</b>	5 years (subject to servicing)
<b>Display</b>	Full colour touchscreen	<b>Sensor sensitivity</b>	1ppb
<b>Repeatability</b>	$\pm 5$ ppb of measured value $\leq 50$ ppb $\pm 10\%$ of measured value $> 50$ ppb	<b>Sensor drift</b>	$< 5\%$ per annum
<b>Accuracy</b>	$\pm 5$ ppb of measured value $\leq 50$ ppb $\pm 10\%$ of measured value $> 50$ ppb	<b>Dimensions</b>	Approx. 90 x 159 x 59 mm
<b>Power</b>	NObreath: 1 x main rechargeable Li-ion battery – Approx. 100 uses on fully charged battery 2 x Li-ion coin cell battery – Approx. 5 years Input: 5V, 0.5A  NObreath Dock: Mains powered, Input: 5V, 0.5A, Output: 5V, 0.5A  Plug: Input: 100-240V ~ 50/60Hz, 0.2A, Output: 5.0V, 1.0A	<b>Weight</b>	Approx. 400g
<b>T90 response time</b>	$\leq 10$ seconds	<b>Construction</b>	NObreath/NObreath Dock: Case: polycarbonate/ABS blend SteriTouch® anti-microbial additive
<b>Temperature</b>	Operating: 15-35C Storage: 0-50°C	<b>Breath test time</b>	Adult: 12 Seconds Child: 10 seconds Ambient: 30 seconds
<b>Humidity</b>	Operating: 25-80% RH (non-condensing) Storage: 5-95% RH (non-condensing)	<b>Warm-up time</b>	$\leq 60$ seconds
		<b>Maximum ambient operating level CO cross interference</b>	350 ppb NO, 45 ppm $\leq 17.6$ ppb
<b>Mouthpiece Specifications</b>			
		<b>Infection control</b>	An integrated infection control filter removes and traps $> 98\%$ of airborne bacteria and $> 96\%$ of viruses.
		<b>Dimensions</b>	Approx. 180 x 25 x 15 mm
		<b>Weight</b>	Approx. 11g
		<b>Material</b>	Polypropylene



## Ordering Information

**1420500** **Bedfont NObreath v2**  
Includes: NObreath docking station, USB cable and power adaptor, User manual, Quick start guide, Interpretation chart, Infection control maintenance guidelines, Patient preparation

### Accessories & Consumables

**1420501** NObreath v2 Mouthpieces (Box/50)  
**1420016** Alcohol Free Wipes



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