NObreath®

Aids in the diagnosis & management of asthma, one breath at a time.

FeNO monitoring made easy!

Benefits of monitoring FeNO with the NObreath®

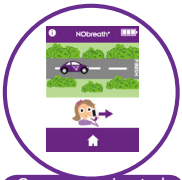
- Non-invasive, quick and easy to perform[1]
- Aids in asthma management, assisting the correct prescription and making monitored adjustments
- Shows patient adherence to treatment[4]
- Aids in identifying patients who do/do not require on-going treatment[2]
- Aids in differentiating between allergic (eosinophilic) and non-allergic asthma[3].
- Shown to be superior to the majority of conventional tests of lung function, such as peak flow recording and spirometry[1]

Exclusive NObreath® forum

FREE FeNOchart™ patient management software

Adult, child & ambient test modes

Create & save patient details



Onscreen animated flow meter for motivation

Ideal for:

- GP'S
- Respiratory Nurses
- Clinicians
- Medical Students

Features and Benefits

* Subject to correct use, maintenance and service.

References

1. Andrew D. Smith, Jan O. Cowan, Sue Filsell, Chris MacLachlan, Gabrielle Monti-Sheehan, Pamela Jackson and D. Robin Taylor. Diagnosing Asthma: Comparisons between Exhaled Nitric Oxide Measurements and Conventional Tests. Am J Respir Crit Care Med Vol 169. pp 473-478, 2004.
2. D R Taylor, MW Pinenburg, A D Smith and J C D Jongste. Exhaled nitric oxide measurements: clinical application and interpretation. Thorax 2006;61:817-827.
3. Coumou HBel E. Improving the diagnosis of eosinophilic asthma [Internet]. Taylor and Francis online. 2017 [cited 15 March 2017]. Available from: http://www.tandfonline.com/doi/full/10.1080/17476348.2017.1236688
4. Beck-Ripp J, Griese M, Arenz S, Koring C, Pasqualoni B, Bufler P. Changes of exhaled nitric oxide during steroid treatment of childhood asthma. Eur Respir J 2002;19:1015–1019.

www.nobreathfeno.com

Technical specification

Concentration range		0-500ppb
Display		Full colour touchscreen
Detection principle		Electrochemical sensor
Repeatability		±5ppb of measured value ≤ 50ppb ±10% of measured value > 50ppb
Accuracy		±5ppb of measured value ≤ 50ppb ±10% of measured value > 50ppb
Power	**NObreath® monitor**	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
T_{90} response time		≤10 seconds
Operating temperature		10-30ºC
Storage/transport temperature		0-40°C
Operating/storage/transport pressure		Atmospheric ±10%
Operating humidity		25-75% non-condensing
Storage/transport humidity		0-95% non-condensing
Sensor operating life		5 years (Subject to correct use, maintenance and service.)
Sensor sensitivity		1ppb
Sensor drift		<5% per annum
Dimensions		Approx. 90 x 159 x 59 mm
Weight		Approx. 400g
Materials	**NObreath® monitor**	Case: polycarbonate/abs blend SteriTouch® anti-microbial additive
	NObreath® Dock	
	NObreath® mouthpiece	Polypropylene
Breath test time		Adult: 12 seconds Child: 10 seconds Ambient: 30 seconds
Warm-up time		≤60 seconds
Maximum ambient operating level		350 ppb NO
CO cross interference		45ppm ≤17.6 ppb

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Issue 2 - October 2018 Part No: MKT506

Made in UK

bsi. ISO 13485 Medical Devices Quality Management

bedfont® est. 1976