



NObreath[®]

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

Benefits of monitoring FeNO with the NObreath[®]

- Non-invasive, quick and easy to perform¹.
- Shown to be superior to the majority of conventional tests of lung function, such as peak flow recording and spirometry¹.
- Aids in identifying patients who do/do not require on-going treatment².
- Aids in differentiating between allergic (eosinophilic) and non-allergic asthma³.
- Aids in asthma management, assisting the correct prescription and making monitored adjustments
- Shows patient adherence to treatment⁴.



FeNO monitoring made easy!



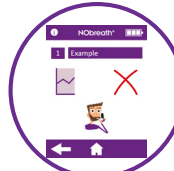
Exclusive NObreath[®] forum



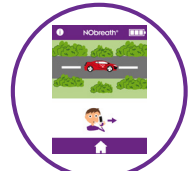
FREE FeNOchart[™] patient management software



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. Tested up to 29,000 tests.

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 CD Jongste. Exhaled nitric oxide measurements: clinical application and interpretation. *Thorax* 2006;61:817-827.
3. Courmou 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, Buffer 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		5 - 500 ppb
Display		Full colour touchscreen
Detection principle		Electrochemical sensor
Repeatability		± 5 ppb of measured value ≤ 50 ppb ± 10% of measured value > 50 ppb
Accuracy		± 5 ppb of measured value ≤ 50 ppb ± 10% of measured value > 50 ppb
Power	NObreath⁺ Device	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
T₉₀ response time		≤ 10 seconds
Temperature	Operating	15 - 30°C
	Storage/transport	0 - 50°C
Humidity	Operating	20 - 80% RH (non-condensing)
	Storage/transport	5 - 95% RH (non-condensing)
Operating/storage/transport pressure		800 - 1080 mbar
Sensor operating life		5 years (subject to servicing)
Sensor sensitivity		1 ppb
Sensor drift		< 5% per annum
Dimensions		Approx. 90 x 159 x 59 mm
Weight		Approx. 400 g
Materials	NObreath⁺ Device	Case: polycarbonate/ABS blend anti-microbial technology additive
	NObreath⁺ Dock	
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		45 ppm ≤ 17.6 ppb

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