



NObreath®

FeNO Testing without limits.

Benefits of monitoring FeNO with the NObreath® :

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

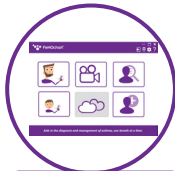
CE
2797



FeNO monitoring
made easy!



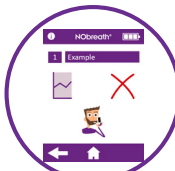
Exclusive
NObreath® forum



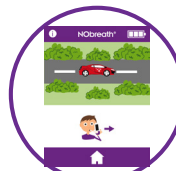
FREE FeNOchart™
patient management
software



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



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, 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		5-50ppb
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 Model: RRC1120. Voltage: 3.6V / 3.7V Capacity: 2350mAh/2000mAh 2x Li-ion coin cell battery – Approx. 5 years Model: LIR2032 Voltage: 3.6V Capacity: 45mAh Model: LIR2450 Voltage: 3.7V Capacity: 120mAh
	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 (59-86°F)
	Storage/transport	0-50°C (32-122°F)
	Calibration	21°C ±4°C (17°C-24°C) 70°F ± 7°F (63°F - 77°F)
Humidity	Operating	20-80% RH (non-condensing)
	Storage/transport	5-95% RH (non-condensing)
Operating/storage/transport Altitude		-1700 ft. to 6300 ft.
Sensor operating life		5 years (subject to servicing)
Limit of Detection		5ppb
Sensor drift		<5% per annum
Dimensions		Approx. 90 x 159 x 59 mm (3.5 x 6.3 x 2.3 in)
Weight		Approx. 400g (0.9lb)
Materials	NObreath® monitor	Case: polycarbonate/ABS blend
	NObreath® Dock	SteriTouch® anti-microbial additive
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

* Subject to correct use, maintenance and service. Tested up to 29,000 tests.

Visit www.bedfont.com/resources to view this document in other languages.



Bedfont Scientific Ltd.
Station Road, Harrietsham, Maidstone
Kent, ME17 1JA, England.
Tel: +44 (0)1622 851122, Fax: +44 (0)1622 854860
Email: ask@bedfont.com Web: www.bedfont.com

© Bedfont® Scientific Limited 2024

Issue 12 - September 2024 Part No: MKT506_USA
Bedfont® Scientific Limited reserve the right to change or update this literature without prior notice.
Registered in: England and Wales. Registered No: 1289798



Emergo Europe B.V.
Westervoortsedijk 60
6827 AT Arnhem
The Netherlands.



MD 502905