



medisoft®
CARDIO-RESPIRATORY INSTRUMENTATION



FeNO⁺

Multifunctional system for measuring
endogenous Nitric Oxide (NO)

www.medisoft.be

FeNO⁺

Simple and **accurate** measurement of exhaled and nasal NO as a marker in respiratory diseases.

Early detection and better management of asthma by targeting the underlying airway inflammation.

Medisoft FeNO⁺ : A complete and economic solution for the measurement of exhaled and nasal NO.

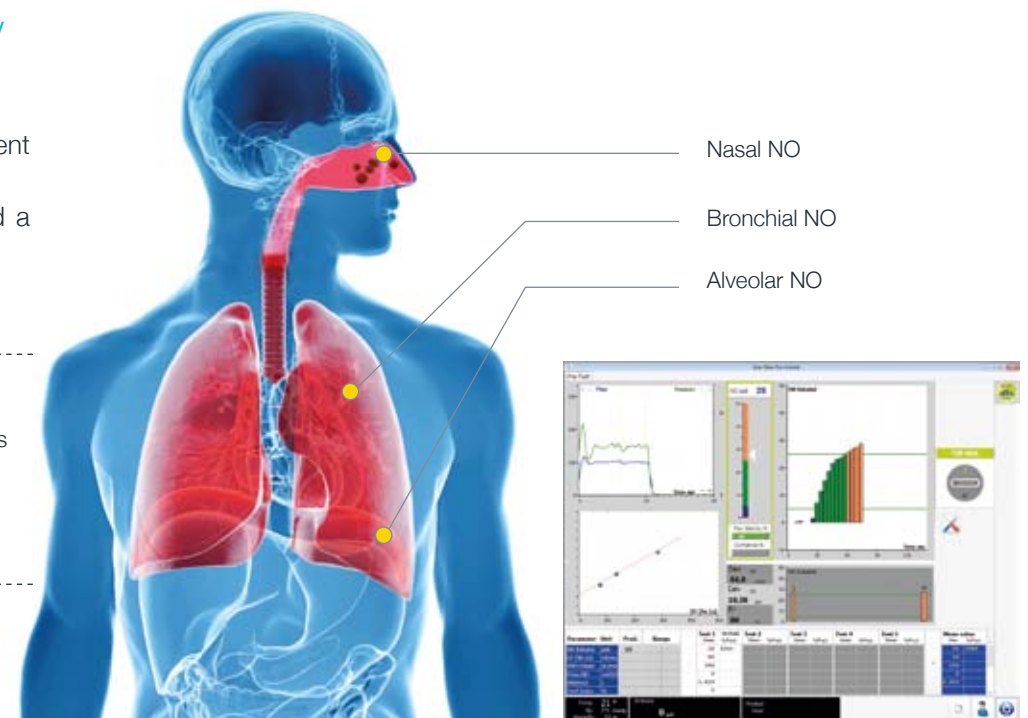
The first electrochemical NO analyzer that allows both, Spirometry and a comprehensive NO analysis in full conformity with ATS-ERS standards.

5 testing modes :

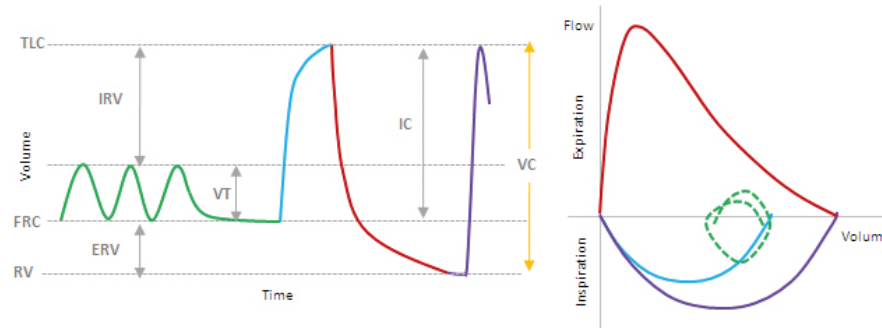
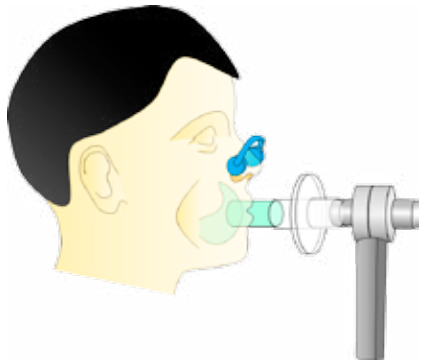
- Measurement of bronchial FeNO at standard flowrate (50 ml/s)
- Multi-flow mode (4 levels) with extended analysis of alveolar and bronchial compartments
- Off-line NO analysis
- Nasal NO analysis by 2 sampling methods
- Spirometry (optional)

Clinical applications :

- Asthma, airway inflammations and air pollution exposures
- Screening of Primary Ciliary Dyskinesia
- Alveolitis associated with systemic autoimmune diseases



Ideal for : respiratory allergy assessment, asthma centers, pediatrics, respiratory care departments, research.



Highest performance

- NO free-gas is guaranteed by a filter
- 4 levels of expiratory flowrate, including the standard flow of 50 ml/s
- Easy, non invasive and fast measurements with software driven guide and on screen bio-feedback
- Incentive mode for small children
- Realtime monitoring of expiratory flowrate and mouth pressure for quality control
- Customisable pseudo-online sampling method that fully captures the ATS standardised protocol
- Mathematical model for estimation of alveolar concentration and maximal bronchial flux of NO
- Reliable method and standardised flow for nasal air sampling
- Full conformity with ATS-ERS standards (2005, 2011)

Optimal cost/effectiveness

- Lowest running cost (~ 4 € per patient)
- Global software framework (Expair)
- Ideal tool for scientific research
- Long lasting NO sensor, calibration every 6 months

Optional

Full Spirometry (SVC, FVC, MVV, Pre/Post) with weather station.

Full compatibility

With other Medisoft devices including; HypAir, BodyBox, SpiroAir, Ergocard, ECG, Micro 5000, Micro 6000, Restech Resmon Pro FOT.



ExpAir, the Medisoft software

The most intuitive, user-friendly and complete software package available today, for all Medisoft devices.

- Data array storage allowing re-evaluation and calculation of test parameters, with export and HL7 messaging capabilities for research and integrating to Hospital systems.
- Trend tabular data reporting of any parameter.
- Interpretation function (GLi 2012 guidelines).
- Comments and offline input.
- Online data transfer.
- Report designer.
- Predicted value editor, new interpretation algorithm based on LLN, ULN, Z-score and percentile.
- Choice of languages and units of measurement.
- Bronchial challenge testing software included.
- Manual entry of blood gases.
- Full calculation function: display of calculation points with manual correction capability.
- Quality control automated software, diagnostic functions and full program control.
- Remote assistance using Teamviewer™.

Technical specifications :

Physical Dimensions	Module
(H x W x D) cm	14 x 21 x 33
Weight	± 10 Kg
Power supply :	230 VAC 50 Hz or 115 VAC 60 Hz
Power consumption :	± 20 VA (without spirometry) ± 70 VA (with spirometry)
Warmup time :	20 min.
Meets all electrical safety requirements :	EN60601-1
Classification :	Ila
CE MARK :	CE 0843
MDD :	93/42/EC and harmonized standards
Computer interfacing :	Windows 7 Pro/Ultimate/8.0/8.1/10™ Serial interface RS232 / USB 2.0
Ambient conditions for use	
Temperature :	10 - 35°C
Relative humidity :	25 to 85 % (non condensed)
Barometric pressure :	645 to 795 mmHg



A MGC Diagnostics subsidiary

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