FeNO+ Multifunctional system for measuring endogenous Nitric Oxide (NO)
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™.

Intended users: Medical diagnostic device, Class IIa, should only be used by doctors, physiologists, trained respiratory technicians/nurses or under supervision of such. Data obtained must be interpreted and reported by trained medical staff only.

Technical specifications:

<table>
<thead>
<tr>
<th>Physical Dimensions</th>
<th>Module</th>
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<tbody>
<tr>
<td>(H x W x D) cm</td>
<td>14 x 21 x 33</td>
</tr>
<tr>
<td>Weight</td>
<td>± 10 Kg</td>
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</tbody>
</table>

| Power supply:       | 230 VAC 50 Hz or 115 VAC 60 Hz |
| Power consumption:  | ± 20 VA (without spirometry)  |
| Warmup time:        | ± 70 VA (with spirometry)     |
| Meets all electrical safety requirements: | EN60601-1 |
| Classification:     | IIa |
| CE MARK:            | CE 0843 |
| MDD:                | 93/42/EC and harmonized standards |

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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