



Well known since 1977 for its quality and care in the development and engineering of medical respiratory diagnostic devices, Medisoft is now a renewed and improved organization since August 2014. As part of the successful MGC Diagnostics group of companies, a dedicated team is focused on providing innovative cardiorespiratory health solutions.

The Medisoft Factory is a state of the art modern facility with research, precision engineering, manufacturing sales, support and computer design departments ; enabling control from design and production to marketing, with the most comprehensive and flexible range of cardiorespiratory diagnostic equipments.

www.medisoft.be



Commitment to quality

Superior quality is the foundation of our business. Upon it, we continually strive to improve by developing, manufacturing and supplying products and services according to the latest quality standards and technologies.



Focus on customer care

We strive to achieve unsurpassed customer support. With main offices in the heart of Europe and a worldwide distribution network of experienced support specialists, we deliver professional efficient and high-quality services to meet all our customer needs.



Innovation of products

Through our unique choice of diagnostic tests, we promote an innovative culture and approach. We continually differentiate our products with inventive material, process, product and service developments, being proactive in initiating changes and improvements.

0321COEN

A Breath of New Technology



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A MGC Diagnostics subsidiary

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medisoft®
CARDIO-RESPIRATORY INSTRUMENTATION

Most comprehensive range of tests

Approaching
50 testing types
with combinations to
select from the most
versatile testing platform.

Key :

- Empty point : Optional
- Filled point : Standard

Spirometers



Micro 6000

Micro 5000

PFT systems



SpiroAir

HypAir

HypAir
Muscle Study

BodyBox



RES TECH
RESPIRATORY TECHNOLOGY

Resmon
Pro Full

Cardio-respiratory
systems



Ergocard CPX
Clinical

Ergocard CPX
Pro

Special
applications



FeNO+

| Spirometry | | | | | | | | | | |
|-----------------------------|--|---|---|---|---|---|---|---|---|---|
| 1 | Relaxed spirometry (VC) | ● | ● | ● | ● | | ● | | ● | ○ |
| 2 | Forced spirometry (FVC) | ● | ● | ● | ● | | ● | | ● | ○ |
| 3 | Maximum voluntary ventilation (MVV) | ● | ● | ● | ● | | ● | | ● | ○ |
| 4 | Minute tidal ventilation (Vmin) | ● | ● | ● | ● | | ● | | ● | ○ |
| 5 | Reversibility (pre/post) | ● | ● | ● | ● | | ● | | ● | ○ |
| 6 | Challenge (only software) | ● | ● | ● | ● | | ● | | ● | ○ |
| Lung Volumes | | | | | | | | | | |
| 7 | Lung volumes by plethysmography (TLC) | | | | | | ● | | | |
| 8 | Lung volumes by Helium dilution (FRC-He) | | | ● | ○ | | ○ | | | |
| 9 | Lung volumes by Nitrogen washout (FRC-N2) - LCI | | | | ○ | | ○ | | ○ | |
| 10 | Closing volumes (N2 slope) | | | | ○ | | ○ | | ○ | |
| Diffusion | | | | | | | | | | |
| 11 | DLCO Helium - Inspiratory bag or demand valve (DLCO-He) | | | ○ | ○ | | ○ | | | |
| 12 | DLCO Helium rapid (single-breath and intra-breath) - Inspiratory bag or demand valve (DLCO-He fast) | | | | ○ | | ○ | | | |
| 13 | DLCO Methane - Inspiratory bag or demand valve (DLCO-CH4) | | | | ○ | | ○ | | ○ | |
| 14 | Double diffusion CO and NO with Helium (DLCO/NO-He) | | | ○ | ○ | | ○ | | | |
| 15 | DLCO steady state (DLCO ss) | | | | ○ | | ○ | | | |
| 16 | DLCO rebreathing (DLCO rb) | | | ○ | ○ | | ○ | | | |
| Mechanics | | | | | | | | | | |
| 17 | Airways resistance by plethysmography (RAW) | | | | | | ● | | | |
| 18 | Resistance by flow interruption (RINT) | | ○ | ○ | ○ | ○ | ○ | | | |
| 19 | Resistance by forced oscillation (FOT) with Resmon Pro Unit | | | | | | | ● | | |
| 20 | Maximal inspiratory/expiratory pressure (MIP/MEP) | | ○ | ○ | ○ | ○ | ○ | | | |
| 21 | Spontaneous nasal inspiratory pressure (SNIP) | | ○ | ○ | ○ | ○ | ○ | | | |
| 22 | Lung compliance (static, quasi static and dynamic) | | ○ | ○ | ○ | ○ | ○ | | | |
| Mechanics with Neural drive | | | | | | | | | | |
| 23 | Occlusion pressure (P01) | | ○ | ○ | ○ | ○ | ○ | | | |
| 24 | Occlusion pressure with CO2 (P01 - CO2) | | | | | ○ | | | | |
| 25 | Trans - diaphragmatic pressure (PDI) | | | | | ○ | | | | |
| 26 | Abdominal belt | | | | | ○ | | | | |
| Cardio-Respiratory | | | | | | | | | | |
| 27 | Gas exchange VO2 - VCO2 breath to breath | | | | | | | | ● | ● |
| 28 | Hypoxic and hyperoxic exercise testing | | | | | | | | | ○ |
| 29 | SpO2 oximetry | | | | | ○ | | | ○ | ● |
| 30 | Non-invasive blood pressure | | | | | | | | ○ | ○ |
| 31 | Heart rate belt | | | | | | | | ○ | ○ |
| 32 | ECG | | | | | | | | ○ | ○ |
| 33 | Cardiac output CO2 re-breathing (QT-CO2) | | | | | | | | | ○ |
| 34 | Cardiac output acethylene dissolution (QT-C2H2) | | | | | | | | | ○ |
| 35 | Indirect calorimetry - nutrition | | | | | | | | ○ | ○ |
| 36 | Ventilation effort study | | | | | | | | ○ | ○ |
| Endogenous Nitric Oxide | | | | | | | | | | |
| 37 | Exhaled Nitric oxide (bronchial) | | | | | | | | | ● |
| 38 | Exhaled Nitric oxide (alveolar) | | | | | | | | | ● |
| 39 | Nasal Nitric oxide | | | | | | | | | ○ |
| Other tests | | | | | | | | | | |
| 40 | Negative expired pressure (NEP) | | ○ | ○ | ○ | | ○ | | | ○ |
| 41 | Automatic nebuliser (Provo 4) | | ○ | ○ | ○ | | ○ | | | |