



medisoft®
CARDIO-RESPIRATORY INSTRUMENTATION



Corporate Brochure



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.

0817COEN

A Breath of New Technology



A MGC Diagnostics subsidiary

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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



	Micro 6000	Micro 5000	SpiroAir	HypAir	HypAir Muscle Study	BodyBox	Resmon Pro Full	Ergocard Clinical	Ergocard Pro	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 acetylene 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)		○	○	○	○	○				