



The pulmonary *diagnostics and therapeutics* product line of Sensormedics Italia, European and International Master distributor.

Sensormedics Italia (www.sensormedics.it), leading company in the respiratory diagnostics market for the last 30 years (representing with the highest market share in Italy brands such as Sensormedics, Viasys, Jaeger, Micromedical and several others), is proud to announce the European, Middle East and North Africa (MENA) **Master Distributorship** of 4 innovative, unique products in the **pulmonary diagnostics** and **therapeutic markets** as well as a complete line of **medical and sports Treadmills**.

RESPIRATORY DIAGNOSTICS

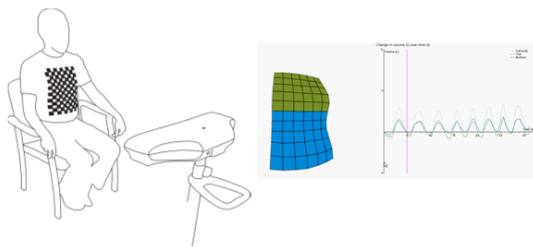
Pneumacare Pneumascan 3D :

(Selected countries : Italy, Germany, France, Spain, Portugal, Austria, Swizerland, the Netherlands, Belgium, Turkey, Greece, Middle East and North Africa-MENA)



Diagnostic imaging system to measure, view, monitor resting pulmonary function parameters in non-cooperating subjects based on the SLP (**structured light plethysmography**) technology, without contact with the patient. Displays and records volume/time, flow/volume graphs, thoracic/abdominal and left/right subdivision, 3D color representation of chest, thorax movement and asynchronisms, up to 4 independent quadrants, including user selected areas, graphical and numerical parameters. Entering Tidal Volume value allows for quantitative calibration and display of absolute Vt, VE changes over time. Mounted on a mobile cart, with integrated power supply/battery, PC and telescopic arm can be easily moved throughout the hospital, center, lab, and measure standing, seated, supine patients. www.pneumacare.com .

Structured Light Plethysmography



PneumaScan™ assesses breathing remotely without patient interaction or contact

Presentations are in formats familiar to the clinician and conform to regulatory standards.



- **Applications :**

Pulmonary and neuromuscular rehab, pediatrics departments, thoracic surgery, respiratory care departments, Non-Invasive ventilation setting and weaning, ICU, PICU, spontaneous and ventilated patients. NICU and neonatal option under development

RESMON PRO FOT (MGCD product, made by Restech, Milan, Italy)

Whole of Europe, Middle East and North Africa-MENA



MGCD
DIAGNOSTICS®



Resmon PRO FULL is a professional, compact stand-alone and non-invasive system, a complete module to assess respiratory system function, based on forced oscillation technique (FOT), in adults and children.

Using well proven and scientifically validated Forced Oscillatory Technique (FOT) technology, RESMON PRO is the most advanced device for airway resistance on the marketplace today, measuring inspiratory and expiratory parameters, degree and localization of obstruction, quantification of EFL (Expiratory Flow Limitation) with the

patented unique graphical and numerical index of EFL, before and after bronchodilator, suitable for adults and children, even non-cooperating patients.

It also measures and reports all traditional respiratory pattern data such as inspiratory and expiratory times and flows, respiratory duty cycle, breathing frequency, tidal volume and minute ventilation.

www.restech.it – www.mgcdiagnostics.com/products/view/resmon-pro-forced-oscillation



- **Applications :**

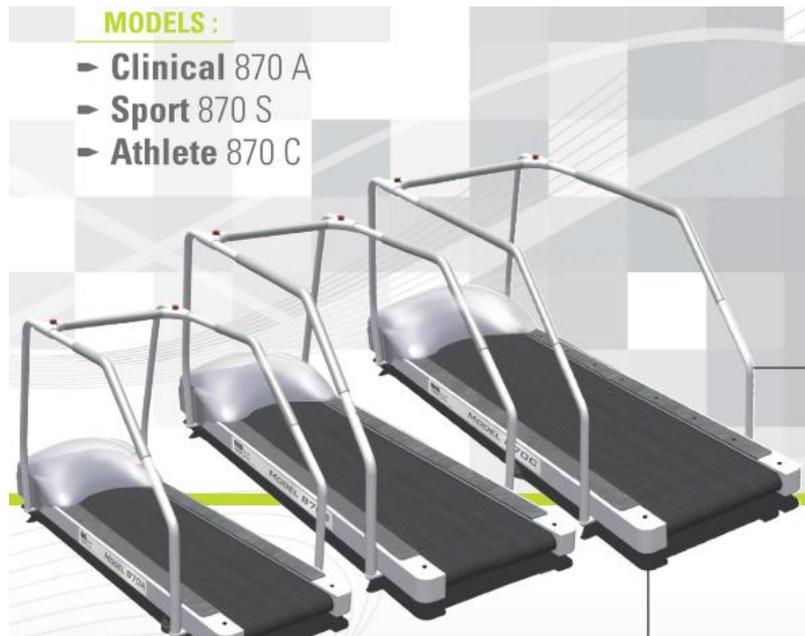
All cooperating and non-cooperative subjects, patients who cannot perform spirometry, including the elderly, children or or pediatric patients or with neuromuscular diseases. Pulmonary and Neurology rehabilitation departments, pulmonary function, pediatrics, occupational medicine

Medisoft-RAM Treadmills :

Whole of Europe, Middle East and North Africa-MENA



A full line of reliable, well designed and built Treadmills, made in Italy by an historical treadmills manufacturer, RAM Medical, acquired by Medisoft a few years ago. For clinical, sports and high performance labs, the Medisoft-RAM treadmills are built for reliability, performance and digital or analogic interface capabilities to most pulmonary and cardiac or cardiopulmonary exercise systems.



- **Applications :**

Pulmonary and cardiac rehabilitation, respiratory care, pediatric and cardiology departments, physiology, sports medicine, high performance athlete assessment.

RESPIRATORY THERAPEUTICS

Medical Acoustics Lung Flute

Whole of Europe, Middle East and North Africa-MENA



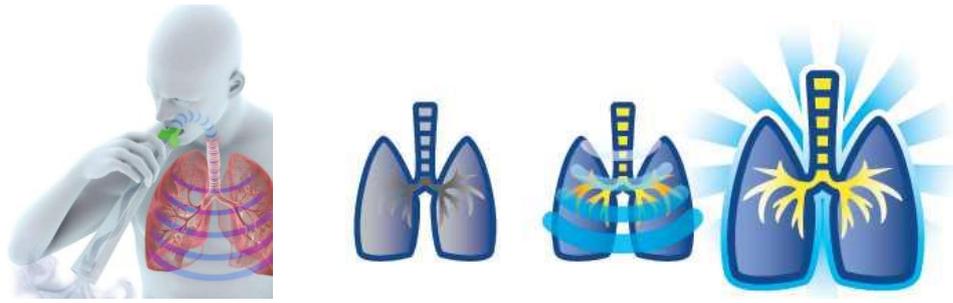
 **medical acoustics**

Unique (therapeutic version) single-patient device to mobilize lung secretions, sputum, using Positive Expiratory Pressure therapy overlaid to acoustic waves. Can be used in the hospital and at home for a variety of congestive conditions such as **COPD, bronchitis and bronchiectasis, pneumonia, asthma, emphysema, cystic fibrosis, or other chronic or acute respiratory diseases.**

Diagnostic version (10 tests kit with single use mouthpiece/reed set) for “induced sputum” testing at the hospital or at remote locations (schools, factories etc.)

Uses sound vibration to stimulate the body's natural mucus-clearing system effectively thinning and dislodging mucus deep in the lungs so that it's easier to cough up. Validated in many clinical studies, only device approved by the FDA for both therapeutic use in the hospital and home and for diagnostic use

www.lungflute.com



- **Applications :**

Therapeutic version : Pediatric and adult patients, in the hospital for respiratory rehabilitation and physiotherapy, elderly retirement home/ward, geriatrics, occupational medicine, cardiology.

Diagnostic version kit : Suitable for the “induced sputum” test in clinical and research, asthma centers, lung cancer, occupational medicine, etc.

Ceretec HiOx, High Oxygen Mask :

(Whole of Europe, Middle East and North Africa-MENA)

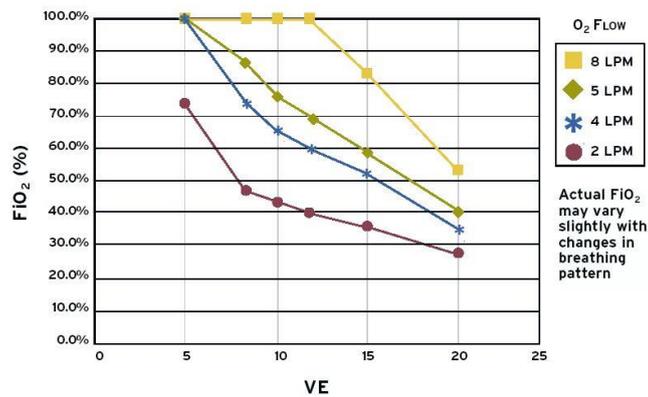


The only Oxygen mask in the marketplace that can deliver to the patient 80-100 % oxygen with limited O₂ flows and supply available. Supported and validated by many publications, based on exclusive 3 way sequential dilution valve allows hypoxic patient to increase mobility in the hospital and at home, use less oxygen from limited supply sources (only 8LMP to supply 80-100% O₂ to the patient), deliver aerosol during oxygen therapy, reduce contamination to the environment and to the medical personnel.

www.cerotecmed.com/Hi-Ox.html



FiO₂ as a Function of Oxygen Flow and Minute Ventilation



- **Applications :**

Hospital departments and in-hospital transport, home care, emergency/transport, elderly retirements home/wards.

International Master Distributor :



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