

# COSMED ECOSYSTEM



Innovative and integrated  
Cardiopulmonary diagnostics solutions



**COSMED**  
The Metabolic Company

## PULMONARY FUNCTION



Modular system for the analysis of lung function, designed to be configured with modules and options according to your needs. High level of accuracy with low maintenance costs.

## CARDIOPULMONARY



Modular system for cardiopulmonary exercise testing adaptable to any application, from clinical practice to sports medicine to physiological research. High level of accuracy, low maintenance costs and integration with auxiliary measuring devices (ECG, pulse oximeters, ergometers).

## ENERGY EXPENDITURE

The next generation of metabolic monitors for fast, accurate and easy indirect calorimetry testing. The result of more than 30 years of experience, and validated in-vitro by the ICALIC Trial Study Group. Portable battery-powered device, compact, lightweight and compliant with clinical practice.



## HOSPITAL



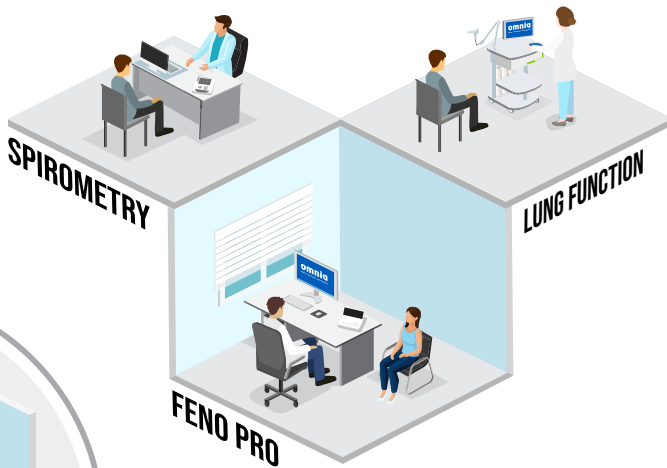
## World-class Reference Centers and Industries featuring COSMED technology

Adidas, USA  
 Apple, worldwide  
 Army Wellness Centers, worldwide  
 Baxter, worldwide  
 Boston Children's Hospital, USA  
 Charité Universitätsmedizin, Germany  
 CIA (Central Intelligence Agency), USA  
 Cincinnati Children's Hospital, USA  
 CNR (Centro Nazionale Ricerche), Italy  
 CONI (Comitato Olimpico Nazionale Italiano), Italy  
 Decathlon, France  
 Dräger Medical, Germany  
 Emirates Airlines, UAE  
 ESA (European Space Agency), The Netherlands  
 ETH Zürich, Switzerland

Georgia State University, USA  
 Glaxo Smith Kline, UK  
 Harvard University, USA  
 Huawei (Hangzhou Branch), China  
 Imperial College, UK  
 INAIL Centro Protesi, Italy  
 Intel Corporation, USA  
 Karolinska Universitets, Sweden  
 King's College, UK  
 Massachusetts General Hospital, USA  
 Mayo Clinic, USA  
 NASA, USA  
 Nestlé Nutrition, Switzerland  
 Nike, USA  
 Ospedale Pediatrico Bambino Gesù, Italy

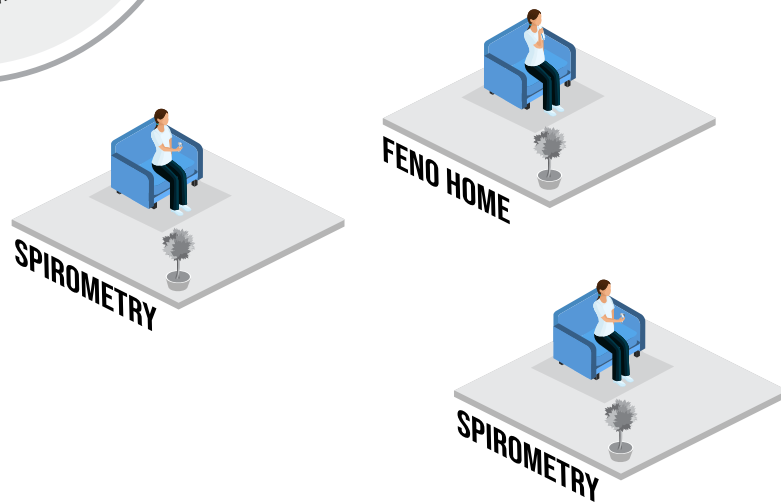
Philips Electronics, The Netherlands  
 Singapore General Hospital, Singapore  
 St George's Hospital, UK  
 Stanford University, USA  
 Swedish Sports Confederation's Lab, Sweden  
 Toyota Industry, Japan  
 Trinity College, Ireland  
 UCL (University College of London), UK  
 UCLA (University of California LA), USA  
 Université de Lausanne, Switzerland  
 University of Oxford, UK  
 US Army, USA  
 Victoria University, Australia  
 and many more ...

## TERRITORIAL HEALTHCARE



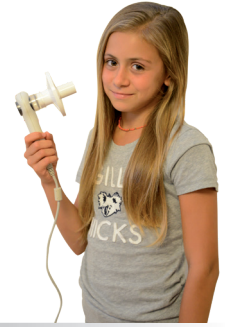
SERVER - HIS

## HOME CARE



## SPIROMETRY

Fast, simple and cost effective spirometry testing is now available to all users. Connected to any USB port, the device turns any PC into a Spirometer. The real-time display allows the user to monitor test execution.



## FeNO PRO

Exhaled nitric oxide (FeNO) measurement in a clinical setting. The test is quick, effortless and the measured value offers a reliable indication of inflammation caused by allergic asthma. The device fits perfectly into the routine of professional doctors.



## FeNO HOME

High flexibility in monitoring exhaled nitric oxide (FeNO) at home. The innovative technology and ease of use allow asthmatic patients to monitor their clinical condition autonomously and share tests results with the referring physician for quick therapy adjustment.



## Company

COSMED is an Italian company established in 1980 that designs, manufactures, and sells worldwide diagnostic medical devices designed to assess Cardiopulmonary, Metabolic function and Body Composition.

COSMED meets the needs of Health Care and Research, public and private organizations, and professionals operating in the Hospital, Primary Care, Sport Science, Human Performance, and Health and Wellness markets.

COSMED employs more than 200 people worldwide, with over 20 mechanical, electronic and software engineers engaged in R&D.

## Quality & Assistance

COSMED diagnostic medical devices are produced in compliance with the latest recommendations and guidelines of the main Scientific Organizations and are designed to meet international and national quality certifications.

The accuracy, reliability, and lifespan of our diagnostic medical devices along with the innovative software platform OMNIA demonstrate to our customers our commitment to quality. The support we provide includes superior customer care with first-class technical support with availability of original spare parts, and effective training services with regular software updates, guarantee that COSMED customers preserve and exploit their investments over time.

## OMNIA Software

OMNIA platform is designed by the COSMED software development team. OMNIA allows you to integrate all products into a single application with the ability to manage data from different workstations.

OMNIA is available in a Standalone or Network configuration for small and large or geographically separated networks. OMNIA is based on an SQL database which allows robust and secure storage of a virtually unlimited number of data.

OMNIA Connector allows the integration between OMNIA and the Hospital Information System (HIS) or the Electronic Medical Record using the HL7 protocol.



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The products shown are medical devices.

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To know more:

