Metabolic and Body Composition Solutions for Research in Physiology and Human Performance

About COSMED

Established in 1980 and with over 10,000 installations around the world, COSMED is the world leader in the field of energy expenditure and metabolic cart solutions. COSMED can boast among its customers a long list of centers of excellence in their respective fields.

COSMED is the only manufacturer who can provide this degree of automation to meet individual needs and investment.

High Connectivity

In addition to its product range, COSMED has identified a selection of software that can be used to deliver seamless network environments with a SQL database back-end ensuring data safety and secure data transfer. The importance of data is growing in all areas and aspects of our lives. Since COSMED COSMED (including foot pods, bike power-meters, NIRS sensors, etc.). ANT+® and Bluetooth® Low Energy technology allows seamless integration and database. OMNIA software, designed entirely by our internal software development team, offers a single platform while operating with multiple devices at once (including foot pods, bike power-meters, NIRS sensors, etc.).

Single Integrated Data Vault

COSMED can be considered one of the most experienced and reliable providers of metabolic and body composition solutions for laboratories focused on Sport Science and Human Performance. COSMED offers a comprehensive catalog of products and solutions for metabolic and body composition analysis. The COSMED product range provides high-quality solutions, which can be customized to suit all needs, from Olympic Training centers, to industry, wellness or performance centers. The combinations and customizations offered allow the best possible use of COSMED’s unique products for Resting Energy Expenditure assessment both in field and laboratory settings.

COSMED, the leading company in metabolic and body composition technology, has identified a selection of top-in-class laboratories that feature COSMED technology:
Ergometers
Running Machines
and Ergometers
with a wide range
of options for all
applications

Q-NRG
Portable Metabolic
Monitor for
individual metabolic
assessment

BOD POD
"Gold Standard"
Body Composition
by Air Displacement
Plethysmography

OMNIA
One Single Integrated
Software Solution
for advanced Data
Management

Q-NRG MAX
Metabolic Monitor
for VO2 Max and
Resting Energy
Expenditure

Quark CPET
Research Grade
Metabolic Cart for
Sport Science and
Human Performance
Applications

K5
Wearable Metabolic
System for both Field
and Laboratory
Testing

More assessments, a unique user experience...
COSMED products range with its multiple configuration options is a perfect solution to assess and monitor
sport and human performances in many facility settings such as Olympic training centres, military bases,
wellness centres and research institutes.

Key information can be drawn from Metabolic and Body Composition measurements to provide
personalized training programs, exercise prescription or get physiological insights.

All devices are controlled by the same, user-friendly OMNIA software platform, providing a comprehensive
solution to manage tests and seamlessly compare, integrate and share your subjects’ data.