C2in1
PERFORMANCE

YOUR PERFORMANCE. UNLOCKED.

From stationary to mobile testing – exactly when your workflow requires it.



SPIROERGOME
REIMAGINED:

Maximum flexibility for high-performance professionals

Elevate your diagnostics with the C2in1 performance. Designed for advanced practitioners, this dual-purpose system combines stationary and mobile spiroergometry in one seamless tool. Gain the high-fidelity data you need to optimize performance, identify physiological limits, and provide world-class support to your athletes.


ETRY
CORTEX
08:17
Calibration
Flow sensor
Registered strokes
0 / 5
OK
CO_2
0.093
Vol.%

OUR VISION:

Excellence in Performance Diagnostics

At our core, we are driven by a deep understanding of our users' needs. By evolving the proven precision and industry-leading quality of the MetaMax® and MetaLyzer® series, we continue to develop innovative solutions that set the pace in our field.

OUR APPROACH:

Innovation Through Expertise and Analysis

We redefine industry standards through a deep analysis of current technologies and close partnerships with world-class experts. This collaborative approach fuels our pursuit of innovation and allows us to deliver truly transformative solutions.

OUR RESULT:

Precision, Flexibility, and Design

By eliminating the boundaries between stationary and mobile testing, C2in1 performance delivers unmatched accuracy and user-friendly operation. Its RedDot®-winning aesthetics and innovative, patented solutions represent a significant advancement that is redefining the global market.



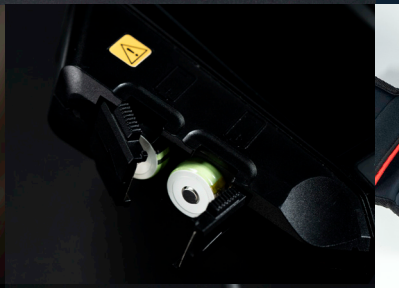
USPs

SMART FEATURES FOR MAXIMUM PERFORMANCE:

- **No Warm-Up Time**
- **O_2 & Co_2 Measurement**
- **Hot-Swap Battery Exchange**
- **Ambient Air Monitoring**
- **Indoor & Outdoor Mobility**

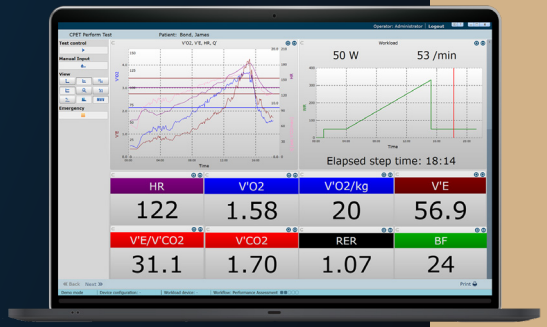












MetaSoft® Performance

At the heart of your daily diagnostics is the powerful MetaSoft® Performance. This intuitive interface combines exceptional flexibility with maximum data security, ensuring all measurement data remains clear, concise, and fully under your control. Whether tailoring individual workflows or performing deep-dive data analyses, MetaSoft® Studio adapts to your requirements, providing a precise and comprehensive overview at every stage.



Comprehensive Package for Seamless Integration

- C2in1 performance Mobile Unit
- Docking Station for safe storage and charging
- sample line for recording respiratory gases
- disposable or reusable flow volume sensor for precise flow measurement
- heart rate belt
- masks & headgears
- transport case (depending on the selected variant)

FROM LAB TO FIELD:

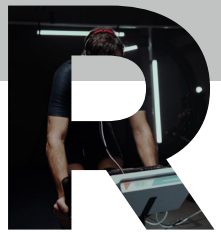
SCALABLE SOLUTIONS FOR EVERY SCENARIO

Our spiroergometry system adapts to your testing requirements: either as a compact, mobile solution for flexible use or as a powerful stationary pro version for intensive use. Both versions are modular and expandable, ensure long-term flexibility for new technologies and growing requirements at all times.



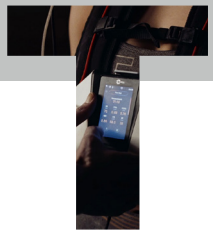
Classic Stationary

The wired foundation for stationary environments and laboratory-based diagnostics.



Remote Stationary

Indoor freedom through battery-powered operation, eliminating cable constraints within the lab.



Team Indoor

Full mobile flexibility for indoor sports, allowing for unrestricted movement during testing.



eXtreme Outdoor

The ultimate mobile solution, engineered for high-performance testing in any outdoor environment.

TRANSPARENT LICENSING MODELS

Maximum Flexibility for Your Diagnostic Needs

Flexibility and transparency are core to our spiroergometry ecosystem. The C | Classic Stationary license is included as standard and ready for immediate deployment. To expand your capabilities, you can activate additional application levels (R, T, or X) through our versatile licensing models:

Pay-Per-Use License

Available in various package sizes

- Dynamic Efficiency: The ideal choice for practitioners performing occasional or seasonal diagnostics.
- Maximum Value: Perfect for long intervals between testing sessions with no expiration date.
- No Constraints: Complete freedom with no time-based restrictions.

Temporary license

Available for flexible time periods

- Project-Driven: Optimized for defined periods with high-volume testing, such as research studies or seasonal team screenings.
- Cost-Effective: A low-entry barrier for short-term professional use.
- Total Flexibility: Adapt your system's capabilities to match your current project demands.

Permanent license

Full activation for variants C, R, T, and X

- Unlimited Access: Designed for high-frequency users who require 24/7 availability of all system features.
- Long-Term ROI: Maximum cost savings over time by eliminating ongoing usage or renewal fees.
- Full Independence: Complete ownership of your diagnostic capabilities with no recurring overhead.

UNRIVALED BENEFITS AT A GLANCE

Our system redefines the industry benchmark through a unique synergy of innovative sensor technology and groundbreaking algorithms, delivering unparalleled measurement accuracy. The intuitive user interface ensures seamless, efficient operation, even during complex test protocols, allowing you to focus entirely on your patients and athletes.

Engineered for excellence, its robust, high-quality construction guarantees exceptional durability and reliability in daily practice. Beyond performance, the future-proof modular architecture scales with your evolving needs, providing comprehensive data analysis for deep physiological insights.

PNEUMATICS

Optimized flow conditions in gas extraction through:

- Improved extraction control
- Reduced dead space
- Continuous monitoring and correction of the extraction flow

ALGORITHMS

Further development and improvement of algorithms

- Filter and calculation algorithms
- Signal synchronization between gas and respiratory flow signals
- Temperature-adaptive filtering of O_2 and CO_2 signals

SENSORS

Multiple integrated

- Pressure sensors
- Temperature sensors
- Humidity sensors

for improved compensation of changing environmental conditions

CALIBRATION

- Automatic gas calibration of the C2in1
- Use of a calibration-free CO_2 sensor in the docking station for calibration to real environmental conditions

PROCESSOR

- Powerful processor with very high computing speed and bandwidth
- Significantly increased sampling rate





EXCELLENT SERVICE: YOUR PARTNER FOR LONG-TERM SUCCESS

As a dedicated manufacturer, delivering comprehensive, world-class service is our top priority. Our support begins with professional installation by certified specialists and in-depth onboarding to ensure you hit the ground running.

You benefit from expert technical assistance via our dedicated hotline and email, backed by a fast and reliable global spare parts service. With our extended warranty programs, we protect your investment over the long term, standing by your side as a trusted partner for every challenge.

YOUR PATH TO PEAK PERFORMANCE – CONNECT WITH US

Ready to learn more about our unique spiroergometry system, schedule a personal demonstration, or receive a tailored quote? Your certified local dealer is ready to provide expert, personalized guidance.

While we as the manufacturer are always available for technical inquiries, your local partner ensures seamless on-site support – delivering a service model perfectly adapted to your needs and facility. We look forward to partnering with you to revolutionize performance diagnostics in your organization.

LEVEL UP

CORTEX

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