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Press release

SCHILLER launches the CARDIOVIT CS-200 Office ErgoSpiro

With the launch of the CARDIOVIT CS-200 Office ErgoSpiro, SCHILLER is releasing the latest generation of CPET devices. With the CARDIOVIT CS-200 Office ErgoSpiro, SCHILLER offers a complete system with built-in PC, pre-installed software and tested configuration for maximum safety and a worry-free installation.

Its high-quality components and super-fast analysers ensure unsurpassed accuracy, reliability and real breath-by-breath analysis of pulmonary gas exchange, even during high intensity exercise.

The Art of Diagnostic Integration

The fully integrated diagnostic-quality 12-lead exercise ECG is just one of the key advantages of the CARDIOVIT CS-200 Office ErgoSpiro. It offers full disclosure storing of the unfiltered, continuous ECG signals. Its wireless recording improves patient comfort.

The state-of-the-art pneumotach meets the 24-wave form test of ATS/ERS and provides accurate and reliable flow/volume measurements in the complete range of low to high flow. Thanks to its compact and lightweight design, the sensor has a very small dead space. The pneumotach is not sensitive to water vapour in the exhaled air. As the device does not require any warm-up time and has no moving parts or electronics, the tests can be carried out cost-effectively.

Measurement of pulse oximetry (SpO₂) is often performed during cardiopulmonary exercise testing (CPET) of patients with COPD to monitor for hypoxemia. SCHILLER offers two ways to include the pulse oximetry in the CARDIOVIT CS-200 Office ErgoSpiro. Either you chose the BP-200 plus with the optional SpO₂ module or you measure SpO₂ with the ergometer with an as well optional module. The SpO₂ value will be shown on the ECG and on the CPET side and it will be printed in both reports.

The Art of Metabolic Integration

The CARDIOVIT CS-200 Office ErgoSpiro guarantees an easy, quick and fully assisted calibration for highly accurate measurements. The easy-to-use, beautifully designed graphic user interface with an intuitive workflow displays charts and data through standard or user-defined 9 panel.

The CARDIOVIT CS-200 Office ErgoSpiro features a powerful post-test editing phase for data filtering, calculation of thresholds (AT, RCP), VO₂max, EFVL, VE/VCO₂ slope, intercept and other parameters.

It enables real-time acquisition and capture of Exercise Flow-Volume Loops (EFVL) and offers Slow/Forced Spirometry and MVV including Pre/Post testing and incentive screen for paediatric spirometry.

Further information about the CARDIOVIT CS-200 Office ErgoSpiro can be found on our website www.schiller.ch and in the [brochure](#).



Photos



Image rights: SCHILLER AG, Photographer Christian Grau

Caption: SCHILLER's latest CPET device: Excellence in diagnostic and prognostic value in a powerful combination.



Image rights: SCHILLER AG, Romana Schiller

Caption: The CS-200 Office ErgoSpiro covers all essential ErgoSpiro applications. It is a complete system with built-in PC, pre-installed software and tested configuration for maximum safety and a worry-free installation.



Media contact

SCHILLER AG, Altgasse 68, CH-6341 Baar, Switzerland

T: +41 41 766 42 72

media@schiller.ch

SCHILLER AG – The Art of Diagnostics

SCHILLER AG is a global medical technology group headquartered in Baar, Switzerland. SCHILLER is a leader in the development and production of cardiac and pulmonary diagnostic devices, patient monitoring and defibrillation. The instruments are developed and manufactured at the headquarters in Baar (CH), in France, Germany, Austria as well as India and China. The SCHILLER group has 30 subsidiaries and more than 100 distribution partners throughout the world. SCHILLER employs more than 1,000 people worldwide.