

CARDIOVIT CS-200 OFFICE ERGOSPIRO

Covers all essential ErgoSpiro applications



SCHILLER
The Art of Diagnostics

CARDIOVIT CS-200 OFFICE ERGOSPIRO

- ∴ Breath-by-breath gas exchange analysis (VE, VO₂, VCO₂) with unique maintenance-free ultrasonic cell for CO₂ measurement
- ∴ Fully integrated 12-lead exercise ECG with wireless acquisition improves patient comfort
- ∴ Full disclosure storage of unfiltered, continuous ECG signals



The CARDIOVIT CS-200 Office Ergo-Spiro performs cardiopulmonary exercise tests (CPET) according to the latest ATS/ERS guidelines. The metabolic tests combined with diagnostic-quality 12-lead exercise ECG is suitable for a wide range of subjects, from clinical patients to high-performance athletes.

ACCURACY

PWC-ERGO

Fast-response, stable and durable electrochemical (long-life) technology for O₂ measurements and rapid ultrasound (patent) for CO₂ measurements. The CO₂ cell ensures long periods of accurate measurements without periodical system calibration. The long-life O₂ fuel cell can be replaced within one minute.

PNEUMOTACH

The proven pneumotach meets the ATS/ERS requirements and provides accurate and reliable flow/volume measurements in the complete range of low to high flow. Thanks to its compact and lightweight design (30g), the pneumotach has a very small dead space (30mL). The pneumotach is not sensitive to water vapour in the exhaled air. Patients and athletes appreciate the minimal resistance to airflow and the comfort of both mask and mouthpiece.

- ∴ No warm-up time
- ∴ No moving parts or electronics for cost-effective testing

FLEXIBILITY

- ∴ Online entry of RPE scale, blood gas marker, blood pressure or events
- ∴ Offline entry of blood gases with automatic calculation of related parameters
- ∴ Comprehensive protocol editor program to create individual ramp and step protocols
- ∴ Customized reports including export to Excel format
- ∴ Optional LFSport for the performance assessment and exercise scheduler are two comprehensive features for the use in sports medicine

RESTING ECG

- ❖ Resting ECG with ETM automatic interpretation
- ❖ ETM sport for interpretation of athletes' hearts
- ❖ 3D vector ECG

THE ART OF DIAGNOSTIC INTEGRATION

Integrated diagnostic-quality 12-lead exercise ECG (available either in wireless or USB configuration) with full disclosure storing of the unfiltered, continuous ECG signals

PNEUMOTACH

Meets the 24-waveform test of ATS/ERS

BLOOD PRESSURE

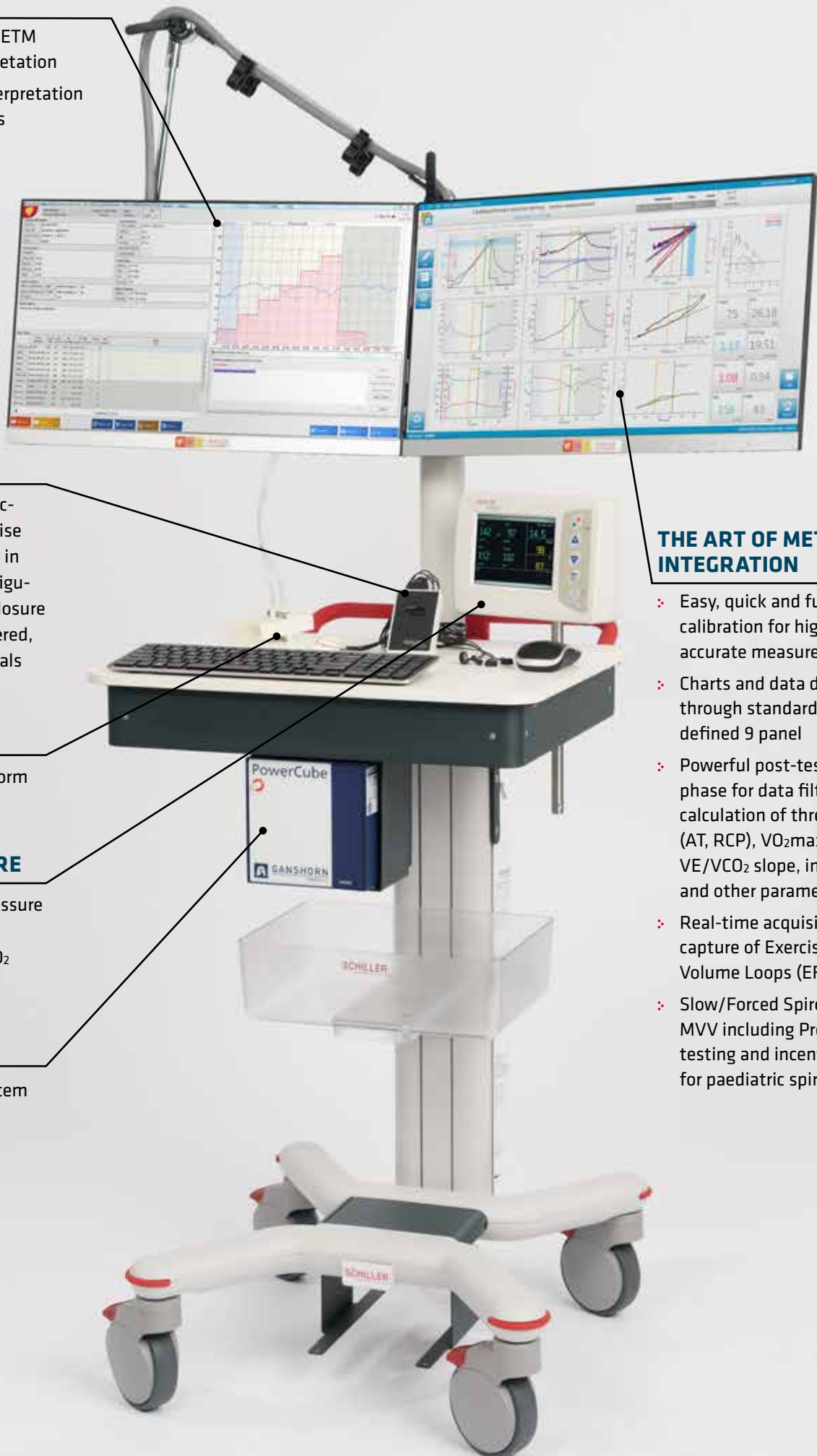
Automatic blood pressure measurement with optional built-in SpO₂ module

PWC-ERGO

The heart of the system

THE ART OF METABOLIC INTEGRATION

- ❖ Easy, quick and fully assisted calibration for highly accurate measurements
- ❖ Charts and data display through standard or user-defined 9 panel
- ❖ Powerful post-test editing phase for data filtering, calculation of thresholds (AT, RCP), VO₂max, EFVL, VE/VCO₂ slope, intercept and other parameters
- ❖ Real-time acquisition and capture of Exercise Flow-Volume Loops (EFVL)
- ❖ Slow/Forced Spirometry and MVV including Pre/Post testing and incentive screen for paediatric spirometry





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Device availability in your market is subject to regulatory approval.

