

Spirometry/Ergo-Spiro

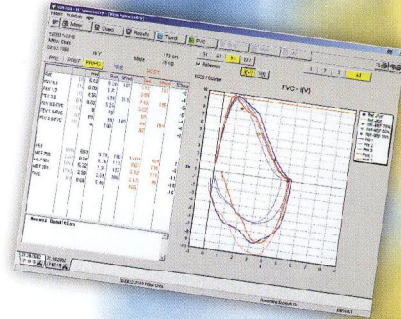
PC Spirometry

Standalone or with diagnostic system

Pulmonary Function Testing has never been easier with SCHILLER's latest technology in PC Spirometry. Our Windows-based program can be used either as a standalone PC spirometry system on a laptop or in combination with the CARDIOVIT AT-104 PC diagnostic system.

Features:

- Comprehensive pulmonary function testing
- Easy operation
- Storage and printing
- Interpretation/diagnosis
- Longterm comparisons/trends
- Disposable SP-250 or reusable SP-260 pneumotach sensors for computer assisted pulmonary function testing



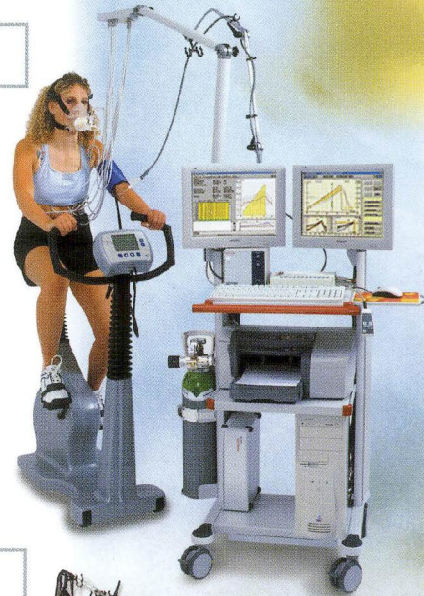
AT-104 PC Ergo-Spiro

Multiple use – multiple benefits:

The CARDIOVIT AT-104 PC ECG recorder and workstation has been completed by high-performance Ergo-Spirometry analysis functions. This multi-functional diagnostic workstation is now unifying all major cardio-pulmonary functions within one single device, with an excellent price/performance ratio, featuring:

- Double flat screen system:
 - 1 screen for cardiology
 - 1 screen for pneumology
- High quality Wasserman graphics
- Comfortable mask system
- O₂/CO₂-Gas analyzer/spirometer
- Easy to use
- Fully data-compatible digital recordings

Option: HL-7 interface to HIS



CS-200 Ergo-Spiro

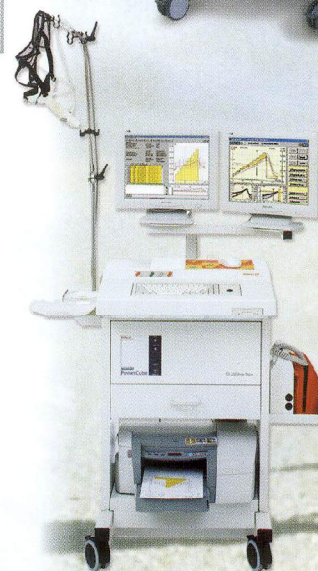
SCHILLER newly combines its proven CARDIOVIT CS-200 with world leading pulmonary function diagnostic technology

The CARDIOVIT CS-200 Ergo-Spiro is the perfect multifunction system for cardiology, pneumology, sports medicine and mass screening, as well as rehabilitation

Features:

- Simultaneous presentation of ECG, spirometry and VO₂ uptake curves with possibility to compare all parameters
- Real breath-by-breath analysis
- Bi-directional flow sensor insensitive to moisture
- Two monitors for the testing system
- Limit monitoring of any parameter with alarm function
- Automatic control of ergometer, using configurable profiles
- Compact system
- Economical, as all accessories are resterilizable and therefore reusable
- Network ability of CARDIOVIT CS-200

Option: HL-7 interface to HIS



Spirometry/Ergo-Spiro

SPIROVIT SP-1

Spirometry made simple and affordable

Features:

- FVC, SVC, MVV, MV and pre/post
- Choice of predicted normals
- Simple operation
- Ready-to-file reports within seconds on 3.5" (90 mm) paper
- Data transmission via built-in RS-232 interface to PC
- **Unique sensor technology (SP-150) or reusable (SP-20) flow sensors**
- Affordable, fast, reliable

Option:

- *Internal memory for up to 100 tests*



SPIROVIT SP-2

The spirometry format of today!

Features:

- Combines all the functions of a conventional large spiro device in one handy unit
- Top design and top quality
- FVC, SVC
- MVV option
- Pre/post comparisons
- High quality LCD with a scale of four gray shades (unique)
- Disposable flow sensor to minimize the danger of cross-contamination
- Infrared data transmission to printer

Option:

- MVV



SPIROVIT SP-10

High performance laptop spirometry system

Features:

- FVC, SVC, MVV, MV
- Up to 60 patient memory
- Ready-to-file reports within seconds on 8 1/2" x 11" paper
- **Disposable flow sensor SP-150 to minimize the danger of cross-contamination**
- ATS, NIOSH, OSHA, Social Security standards
- Meets ATS accuracy standards (24 waveforms)



Ergometry

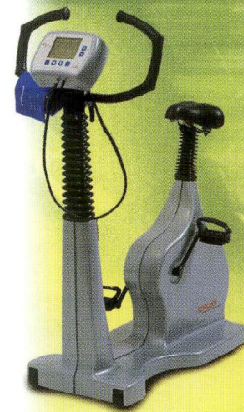
BICYCLE AND COUCH ERGOMETERS

A new generation of medical bicycle and safety couch ergometers

These new SCHILLER bicycle and couch ergometers have been developed and constructed according to the latest European guidelines for medical ergometers. Due to their flexible controlling technology and saddle fixations these ergometers are suitable for stress-tests, sports medicine, cardiac catheter tests in cardiology and rehabilitation, for high-risk patients, elderly or physically handicapped people.

Features:

- Compatible with all SCHILLER Exercise ECG Workstations
- Modern design
- Virtually silent mechanism
- Easy adjustment of the reclining seat, saddle and headrest by remote control
- Large and rotateable LCD (10 x 7,5 cm)
- Safe and stable steel/aluminium construction for a maximum weight of 160 kg
- Precise Blood Pressure Measurement (optional)
- Left side positioning for ultra-sound images (ERG 911 BP/LS)
- High load precision
- Measurements controllable using a PC program or an ECG/Ergo-Spirometry unit via RS-232 or USB interface
- Low maintenance



ERG 911 BP



ERG 911 S/L

TREADMILL ERGOMETERS

Treadmills MTM-1500/1500 med: SAFE – SOFT – SOLID

The SCHILLER treadmill ergometers MTM-1500 and MTM-1500 med are designed for stress tests, sports medicine and cardiology.

Both ergometers are equipped and tested with the latest safety systems and have been manufactured under the stringent quality requirements.

Features:

- Compatible with all SCHILLER Exercise ECG recorders
- MTM-1500 med: With Potential Equalization Transformer for Potential Isolation from the mains, according to IEC 60601-1 standard
- Automatic control by computer via RS-232 interface (interface cable 5 m included)
- Emergency-stop-switch, individually adjustable
- Steel tube handrail on 1 side; can be mounted on the left or right side or both sides (optionally)
- Automatic center-mechanism of the running surface

