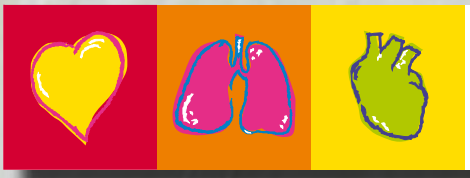
ERGOMETRY

SCHILLER ergometers have been developed for sophisticated exercise tests with minimised user effort, as well as cardiological workout. SCHILLER ergometers are used in cardiology, sports medicine and rehabilitation.



SCHILLER

The Art of Diagnostics

SCHILLER ERG 911S Plus / 911 BP Plus

A new generation of medical bicycle ergometers with blood pressure measurement modules

SCHILLER ERG 910S Plus

SCHILLER ERG 910S Plus

- Almost noiseless drive
- 20–800 watts
- Medical accuracy according to DIN VDE 0750-238

SCHILLER's new bicycle ergometers are extremely quiet, require very little maintenance and are easy to use. SCHILLER ergometers have been developed according to the latest European guidelines for medical ergometers.

A special feature of all SCHILLER seat ergometers is their low frame, allowing elderly or handicapped patients to mount the ergometer without help.

Key features:

- Compatible with all SCHILLER exercise ECG devices
- All SCHILLER ergometers are equipped with large graphical displays (10 cm x 7,5 cm; 4 x 3 in).
- Standardised saddle fixation for flexible use
- Automatic computer control via galvanically isolated RS-232 interface
- Almost noiseless drive
- Strong and modern design
- Stable steel construction for a maximum weight of 160 kg
- Speed-independent load
- Surface coating for easy cleaning

Advantages:

- Very high durability thanks to outstanding manufacturing quality
- Robust casing with acrylic coating, easy to clean
- Excellent price-performance ratio
- Extremely safe
- Maintenance-free drive
- Pleasant pedalling sensation
- Thanks to its low frame, it is easy to use even for elderly or handicapped patients
- Easily programmable ergometry parameters

SCHILLER ERG 911S Seat / ERG 911BP Seat

SCHILLER SEAT ergometer for tests with obese patients.

- Integrated blood pressure measurement (ERG 911 BP Plus)
- Optional SpO_2 measurement
- Easy operation
- Large display
- Data transfer to all SCHILLER ECG devices

- Very low frame, easy mounting

SCHILLER ERG 911S Plus / 911 BP Plus

SCHILLER ERG 911S Seat / ERG 911BP Seat

Key features:

- Compatible with all SCHILLER exercise ECG devices
- All SCHILLER ergometers are equipped with large graphical displays (10 cm x 7,5 cm; 4 x 3 in).
- Stable steel construction for a maximum weight of 300 kg
- Electrical seat adjustment, manual adjustment of the back rest
- Automatic computer control via galvanically isolated RS-232 interface
- Almost noiseless drive
- Strong and modern design
- Speed-independent load
- Surface coating for easy cleaning

Advantages:

- Very high durability thanks to outstanding manufacturing quality
- Excellent price-performance ratio
- Extremely safe
- Maintenance-free drive
- Pleasant pedalling sensation
- Suitable for obese patients
- Thanks to its low frame, easy to use even for elderly or handicapped patients
- Easily programmable ergometry parameters

SCHILLER ERG 911 S/L

A new generation of medical couch/semi-couch safety ergometers

The new SCHILLER couch/semi-couch safety ergometer has been developed and manufactured according to the latest European directives for medical ergometers. It is particularly suitable for exercise and cardiac catheter tests in cardiology and rehabilitation, as well as for high-risk patients and elderly or handicapped people.

SCHILLER ERG 911 S/L

Key features:

- Compatible with all SCHILLER exercise ECG devices
- All SCHILLER ergometers are equipped with large graphical displays (10 cm x 7,5 cm; 4 x 3 in).
- Almost noiseless drive
- Slope (0–45°), saddle and head rest are infinitely adjustable via remote control
- Automatic computer control via galvanically isolated RS-232 interface
- Strong and modern design
- Stable steel construction for a maximum weight of 160 kg
- Speed-independent load
- Surface coating for easy cleaning

Advantages:

- Very high durability thanks to outstanding manufacturing quality
- Excellent price-performance ratio
- Maintenance-free drive
- Arm rest for blood pressure measurements
- Easy patient access and positioning on the couch
- Easily programmable ergometry parameters and alarm limits

SCHILLER ERG 911 BP/LS

SCHILLER ERG 911 BP/LS

Specialised ergometer for exercise tests and echocardiography

The ERG 911 BP/LS is based on the couch/semi-couch safety ergometer ERG 911BP/L. In addition, the couch can be rotated to the left by up to 45°.

It is therefore ideal to obtain high-quality ultra-sound images.

The waist strap and stable shoulder support provide patient safety and a comfortable position when the couch is rotated. Apart from this use for specialised examinations such as tests for cardiovascular dysfunction, exercise tests after an infarction or bypass surgery, and specialised exercise ergometry such as cardiac catheter tests, the ergometer can of course be used like a normal couch/semi-couch ergometer.

The use of an exercise echocardiography couch is also recommended for the examination of elderly and handicapped patients.

Key features:

- Slope (0–45°), saddle and head rest are infinitely adjustable via remote control
- Additional couch rotation of up to 45° to the left for ultra-sound examinations.
- High load accuracy
- Rotatable measuring head
- Measurements with PC program or ECG/ergospirometry unit controllable via RS-232 or USB interface
- Pleasant pedalling sensation
- Almost noiseless drive, even at high speed
- Stable steel construction for a maximum weight of 160 kg

Advantages:

- Very high durability thanks to outstanding quality
- Adjustable waist strap
- Maintenance-free drive
- Arm rest for blood pressure measurements
- Easy access and mounting
- Straightforward programming of ergometry parameters and alarm limits

SCHILLER ERG 911 BP/HK hand ergometer

The computer-controlled hand crank ergometer

SCHILLER's new hand crank ergometer has been developed for patients with impaired mobility. It closes a gap in our range of high-end bicycle and couch ergometers. This special device is based on the proven functionality of our ergometers

Key features:

- Horizontally and vertically adjustable seat
- Wheelchair docking
- All SCHILLER ergometers are equipped with large graphical displays (10 cm x 7,5 cm; 4 x 3 in).
- 5 freely programmable exercise programs
- Minimum resolution of 1 watt from external master device
- Automatic computer control via galvanically isolated RS-232 interface
- Requires minimal floor space: base dimensions 40 x 108 cm (16 x 43 in)
- Speed-independent load
- Surface coating for easy cleaning
- Weight: 57 kg (125 lbs)

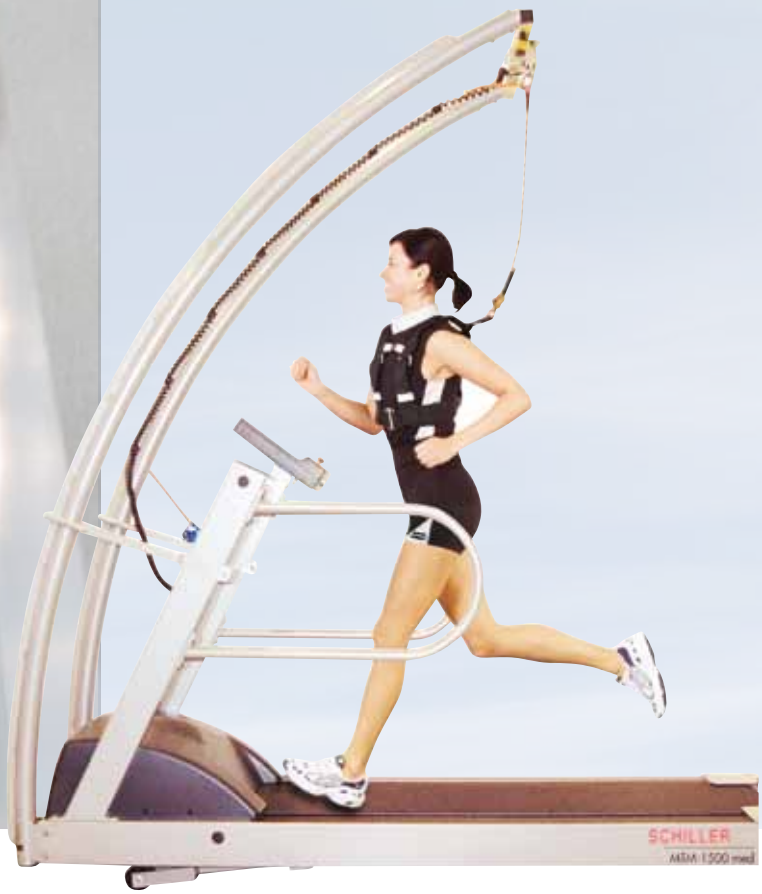
Advantages:

- Very high durability thanks to outstanding manufacturing quality
- Excellent price-performance ratio
- Extremely safe
- The ergometer can be adapted for wheelchair users within seconds
- «Pulse-steady-state» program for an adequate cardiovascular training for patients with impaired mobility

Treadmill ergometer MTM-1500/1500 med

SAFE – ACCURATE – QUIET

SCHILLER's treadmill ergometers MTM-1500 and MTM-1500 med are designed for exercise tests in sports medicine, cardiology, physiotherapy and fitness training. Both ergometers are equipped and tested with the latest safety systems and have been manufactured to meet stringent quality requirements.



Key features:

- Compatible with all SCHILLER exercise ECG devices
- MTM-1500 med: with potential equalisation transformer for potential isolation from the mains, according to IEC 60601-1
- Automatic control by computer via RS-232 interface (interface cable 5 m included)
- Individually adjustable emergency stop button
- Steel tube hand rail; can be mounted on the right or left hand side. A second hand rail is optionally available.
- Automatic centring mechanism for the belt

Advantages:

- Very high durability thanks to outstanding manufacturing quality
- Excellent price / performance ratio
- Extremely safe
- Almost noiseless drive
- Maintenance-free motor
- Modern design
- Generation of reports with terminal software

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The Art of Diagnostics

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