BICYCLE ERGOMETER

ergoselect 100



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The classic ergometers for exercise ECG tests.

From a powerful ergometer for exercise ECG and performance diagnostics to stand-alone use for heart-rate controlled training — the integration of different modules offers maximum user flexibility for assembling an ergometer that truly meets every need.

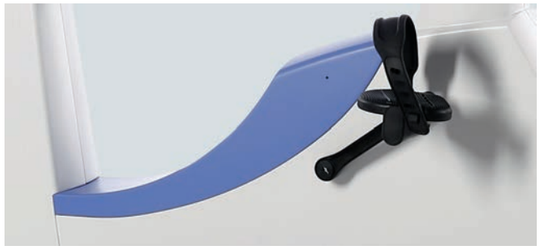
- functional design
- innovative, future-proof technology
- hygienic, easy-to-clean surfaces
- mechanical seat adjustment
- patient weight up to 160 kg
- load range from 6 to 1000 Watts
- 10 user-programmable exercise test protocols
- excellent stability
- wide range of expansion options





Max. patient weight up to 160 kg

The seat height adjustment in conjunction with a tilt protection panel allows for the safe performance of exercise tests, even with patients weighing up to 160 kg.

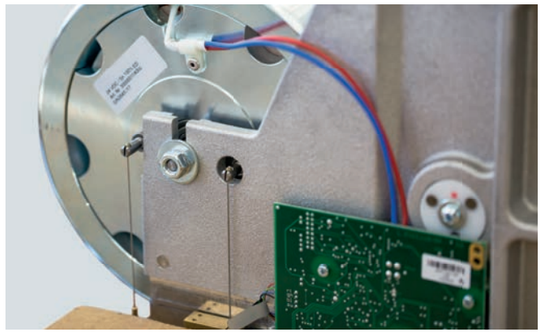


High-quality materials

The noise-insulating ergometer case made of high-quality, specially coated polyurethane foam features an easy-to-clean, sweat-resistant surface.

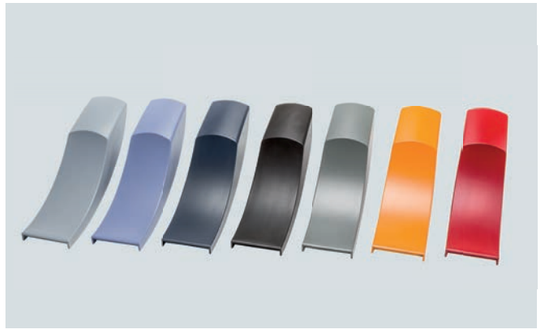


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Precise load control

Thanks to the use of high-quality control electronics and reliable components, our devices don't just meet the standard specifications for medical ergometers, but far exceed them. Over the entire load range from 6 to 1000 Watts.



Color variants

The ergometer cases are available in many colors to match any practice or hospital interior design.

ECG connection

The ergoline interface protocol is now considered the industry standard. All leading ECG manufacturers support a control option for ergoline ergometers in their exercise ECG or ergospirometry systems.



Universal interfaces

A wide range of connection options guarantees reliable communication with external devices such as PC-based ECG units and ECG recorders.

In addition to the standard RS-232 and USB interface, we of course also offer analog and wireless connections via Bluetooth or WiFi.



Control terminals

Type K:
PC/ECG control, ergometry, and manual operation, additionally with training and test programs as well as a graphical display.



ergoline bicycle ergometer ergoselect 100 – modules, expansion options



Automatic blood pressure measurement

The optionally integrated, automatic blood pressure measurement works with a specifically developed cuff microphone. The combination of auscultatory measurement and sophisticated algorithms for artifact suppression yields precise measurement values – even at high loads.



Integrated SpO_2 measurement

The ergometer can be equipped with an SpO_2 measurement module for precise monitoring of the patient's oxygen saturation during ergometric testing. A wide selection of suitable SpO_2 sensors is available in different sizes.



Horiz. seat adjustment

The seat position can be shifted horizontally by approx. 10 cm. Using the horizontal saddle adjustment option reduces the maximum permitted patient weight to 150 kg.



Pedal cranks, adjustable

The length of the pedal cranks can be adjusted in a range from 12 to 17 cm.



Triathlon handlebar

As an alternative to the standard handlebar, ergometers used for performance diagnostics can also be equipped with a triathlon handlebar that is adjustable over a wide range. Together with the adjustable pedal cranks and the horizontal seat adjustment, this allows for setting up an optimal test/training position for test subjects.

CE 0123

PREMIUM QUALITY

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Some of the illustrations in this brochure show options which must be purchased separately. The information provided is based on data valid at the date of printing. Subject to modifications. 01/2026