

Technical data

Ergometer	ergoselect 100 P	ergoselect 200 P
Brake system	microprocessor controlled eddy current brake	
Load	6 - 999 Watt, speed independent	
Accuracy	according to DIN VDE 0750-238	
Speed range	30 - 130 rpm	
Adjustment of handlebars	inclination: 360°	inclination: 360° / height: 90-126 cm
Adjustment of saddle height	continuous, mechanic	continuous, motor-driven
Patient weight (max.)	160 kg	
Control unit		
Display / patient display	load, rpm, speed, time, blood pressure, heart rate (LCD) / rpm (LED)	
Keyboard	membrane keyboardr	
Graphic display (load, heart rate)	○ (type K)	○ (type K)
Exercise protocols		
User programmable	10	10
Fixed incremental protocols (WHO, Hollmann, etc.)	5	5
Manual load adjustment	●	●
Training protocols		
Pulse-controlled training (integrated Polar receiver)	○ (type K)	○ (type K)
Predefined performance tests	○ (type K)	○ (type K)
Options		
Automatic blood pressure measurement	○	○
Oxygen saturation measurement	○	○
Pediatric ergometry / diagnostic tests for athletes	○	○
Interfaces		
Digital (RS-232) / analog (target load) / remote start	●	●
Miscellaneous		
Dimensions, max. (L x W x H)	approx. 90 cm x 46 cm x 133 cm	
Weight	61 kg	69 kg
Power	90-265 V / 50-60 Hz / 80 VA max.	

● Standard ○ Option



ergoselect 100 / 200

Bicycle ergometer

ergoline

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Development and production of all ergoline products are subject to a certified quality management system according to DIN EN ISO 13485:2003.
All products are CE-marked and fulfill the requirements of the Medical Device Directive 93/42/EEC.

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.

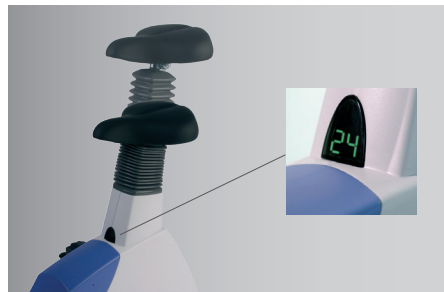
ergoline



Different control units (P and K)



Automatic blood pressure measurement



Motor-driven saddle height adjustment with height indication



Continuous handlebar height adjustment



ergoselect 100

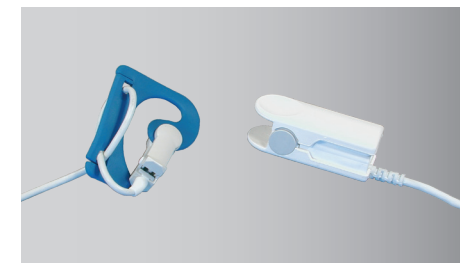
ergoselect 200



Horizontal saddle adjustment



Adjustable crank arms



Oxygen saturation measurement



Saddle adjustment for pediatric ergometry

ergoselect 100 / 200

The modular ergometer series "ergoselect" is a new development created as a future-proof product concept, which once again defines benchmarks and sets the standards others strive to meet.

From a high performance ergometer for exercise ECGs to the independent use in heart-rate controlled training – the integration of different modules provides users with a maximum of flexibility in configuring their personal ergometer.

For years leading ECG manufacturers have been integrating our ergometers in their exercise test systems – more than 30,000 ergoline ergometers are in use today in office practices, hospitals, medical sports centers and rehabilitation facilities around the world.

designed for patient comfort

The special ergonomic design guarantees a performance-enhancing seating position for all patients, irrespective of their height. This ergometer is the only device on the market to offer a motor-driven seat height adjustment, which allows even elderly patients and persons with a walking disability to mount the ergometer easily and safely.

The position of the upper body and the angle between legs and pedals can always be optimally set thanks to the dual adjustment function (height and inclination) of the handlebars. Special options, such as the saddle shift function and adjustable pedals also allow exercise tests to be performed on children and performance tests on athletes.

practice oriented

Different control units allow optimum adaptation to the conditions in the different test labs and practices. Convenient stand-alone operation with custom-defined exercise and training protocols as well as the universal connection to all types of ECG recorders or PC-based ECG systems is possible.

The system can be upgraded with interference-free, automatic blood pressure measurement, a microprocessor-controlled function providing precise measuring values – even at high loads.

Heart-rate controlled training can be carried out quite conveniently. A chest belt acquires the ECG signals which are used to control the ergometer workload for a constant heart rate.

competent

The rugged mechanical construction guarantees outstanding safety and trouble-free operation, even when the ergometer is permanently in use and has to withstand high loads.

All ergoline ergometers are produced with only high quality components and, of course, satisfy all applicable standards and requirements for medical grade crank ergometers.

A network of authorized, ergoline-trained service engineers is available in your country for repairs or other service interventions (such as inspections of the measuring system).