

## Technical data

Ergometer	ergoselect 100 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
Handlebar adjustment	inclination: 360°
Saddle height adjustment	continuous, mechanic
Body height	approx. 120 cm to 210 cm
Patient weight (max.)	160 kg / 200 kg with anti-tip protection plate (option)
<b>Control unit</b>	
Display / patient display	load, rpm, speed, time, blood pressure, spo <sub>2</sub> (option), heart rate (LCD) / rpm (LED)
Keyboard	membrane keyboard
Graphic display (load, heart rate)	<input type="radio"/> (type K)
<b>Exercise protocols</b>	
User programmable	10
Fixed incremental protocols (WHO, Hollmann, etc.)	5
Manual load adjustment	●
<b>Training protocols</b>	
Pulse-controlled training (integrated HR receiver)	<input type="radio"/> (type K)
Predefined performance tests	<input type="radio"/> (type K)
<b>Options</b>	
Automatic blood pressure measurement	<input type="radio"/>
Oxygen saturation measurement	<input type="radio"/>
<b>Interfaces</b>	
Digital (RS-232, USB) / analog / remote start	● / <input type="radio"/> / <input type="radio"/>
<b>Miscellaneous</b>	
Dimensions, max. (L x W x H)	approx. 90 cm x 42 cm x 130 cm
Weight	56 kg
Power	100-240 V / 50-60 Hz / 100 VA max.

● Standard    ○ Option

# ergoselect 100



## Bicycle ergometer

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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.

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**ergoline**  
MOVING TO HEALTH



Different control units (P and K)



Automatic blood pressure measurement



Continuously adjustable handlebar



Oxygen saturation measurement



Continuously adjustable saddle height



Ergometer covers in different colors

#### designed for patient comfort

The continuous adjustment of the handlebar angle and saddle height guarantee the ideal seating position for any body height to promote performance-enhancing training.

The ergometer can be upgraded for automatic blood pressure measurement which provides precise measuring values – even at high loads. For this purpose, the cuff is directly connected to the control terminal.

For monitoring of oxygen saturation during exercise tests, the ergometer can be equipped with an SpO2 module.

#### practice oriented

With two different control terminals, one for exercise tests and one for training / rehabilitation, you are optimally prepared for the different applications.

You can use the ergometer for convenient stand-alone operation with programmable exercise protocols or you connect it to a whole range of electrocardiographs or PC-based ECG systems. The digital interfaces (RS232, USB) are electrically isolated – all ports can be found in safe locations under the ergometer

The ergometer covers are available in different colors to match the design of the doctor's office.

#### 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).

## ergoselect 100

With its ergonomic design and wide load range from 6 to 1000 watts, this ergometer sets benchmarks in its class and makes the ergoselect 100 the ideal ergometer for exercise ECGs.

For years leading ECG manufacturers have been integrating our ergometers in their exercise test systems – more than 50,000 ergoline ergometers are in use today in office practices, hospitals, medical sports centers and rehabilitation facilities around the world.