

BICYCLE ERGOMETER

ergoselect 150



pediatric ergometer

ergoline
MOVING TO HEALTH

BICYCLE ERGOMETER

ergoselect 150 – pediatric ergometer

The colorful design of the ergometer relieves children of their fear of the "medical device". The special design enables the performance of exercise tests even in younger children.

In just a few simple steps, the pediatric seat can be exchanged for a standard seat. The ergometer can thus also be used with older adolescents and adults.



Learn more about ergoselect 150 –
with 360° view and technical features.

ergoline bicycle ergometer ergoselect 150 – pediatric ergometer

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- mechanical seat height adjustment
- extra-long handlebar, rotatable by 360°
- mechanically adjustable handlebar height
- variable pedal crank length
- easy cleaning
- patient weight up to 160 kg
- load range from 6 to 1000 Watts
- high-contrast LC display
- universal interfaces
- wide range of expansion options





Control terminal P

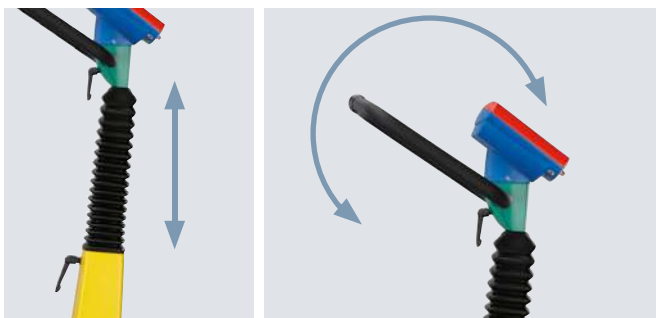
All key data in a single display. The LC display stands out for its excellent readability. In addition to the control option via PC-ECG or ECG recorder, the intuitive operation also enables the performance of custom ergometric test protocols or manual load adjustments.



Max. patient weight up to 160 kg

After installation of a standard seat (quick release adapter), the ergometer can be used with patients weighing up to 160 kg.

The pediatric seat is approved up to a maximum patient weight of **60 kg**.



Dual handlebar adjustment

In addition to the option of rotating the extra-long handlebar by 360°, the pediatric ergometer offers mechanical, stepless handlebar height adjustment.



Easy adjustment for adults

With the use of a quick release adapter, the pediatric seat can be quickly and easily replaced with a standard seat.

Since the handlebar and seat height can be flexibly adjusted in a wide range, this enables the use of the device for ergometric testing with adolescents and adults.



Color variants

As an alternative to colorful design, the pediatric ergometer is also available in the colors white-gray (see ergoselect 100).



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.



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 wireless connections via Bluetooth or WiFi.



ergoselect 150 – Measurement

Dimensions

The illustration shows the pediatric seat. When using the optional standard seat, the seat height is 45 cm to 82 cm (measured from crank axle).



ergoselect 150 – Technical Specifications

Bicycle ergometer	ergoselect 150 – pediatric ergometer	
Brake system	microprocessor controlled eddy current brake	
Load	6 – 999 watts, speed independent	
Accuracy	according to DIN VDE 0750-238	
Speed range	30 – 130 rpm	
Handlebar adjustment	inclination: 360° / height: 90 – 126 cm	
Seat height adjustment	continuously mechanical	
Patient height	approx. 120 cm – 210 cm	
Patient weight (max.)	max. 60 kg (pediatric seat) / max. 160 kg (adult seat)	
Control panel		
Display / patient display	load, rpm, speed, time, blood pressure, SpO2 (option), heart rate (LCD) / rpm (LED)	
Keyboard	foil keyboard	
Graphic display (load, heart rate)	○	
Exercise test protocols		
User programmable	10	
Predefined incremental protocols (WHO, Hollmann, etc.)	5	
Manual load control	●	
Training protocols		
Pulse-controlled training (integr. POLAR receiver)	○	
Preprogrammed performance tests	○	
Options		
Automatic blood pressure measurement	○	
Oxygen saturation measurement	○	
Standard seat with clamp fixture	○	
Interfaces		
Digital (RS-232, USB) / analog (load) / remote start	● / ○ / ○	
ERS rehabilitation system communication port		
Dimensions and Weight		
Ergometer	Ergometer with packaging	
Length: 90 cm	Length: 107 cm	
Width: 42 cm (width handlebar approx. 53,5 cm)	Width: 60 cm	
High: 90 – 135 cm	High: 146 cm	
Weight: approx. 80 kg	Weight: approx. 98 kg	
Miscellaneous		
Power	100 – 240 V / 50 – 60 Hz / 100 VA max.	

● Standard ○ Option

PREMIUM QUALITY



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