

RECLINING ERGOMETER

ergoselect 8



ergoline
MOVING TO HEALTH

ergoselect 8

The classic examination couch that converts to a full-fledged reclining ergometer with a single hand movement.

The ergometry unit is retracted below the couch surface and raised up as needed.

Adjustable, removable shoulder supports provide a comfortable counter-surface during exercise tests. The *ergoselect 8* design is a perfect fit for both requirements and stands out for its modern and reliable technology.



Learn more about *ergoselect 8* –
with 360° view and technical features.

- comfortable examination couch
- full-fledged reclining ergometer
- ergometry unit folds away easily
- whisper-quiet belt drive
- load range from 6 to 450 Watts (1000 Watt option)
- patient weight up to 300 kg
- universal interfaces
- high-quality upholstery fabric
- choice of upholstery colors available
- wide range of expansion options





Comfortable examination couch

The ergoselect 8 examination couch stands out for its surface area of 200 cm x 80 cm, with a height of 68 cm, and a pad thickness of 7.5 cm.

The large headrest can be lifted by up to 45° with gas springs. Laterally attached DIN rails enable the attachment of standard accessories (e.g. IV pole).



Max. patient weight up to 225 kg

The robust mechanical design of powder-coated tubular steel guarantees the highest level of safety and trouble-free operation, even with continuous use.

ergoselect 8 is also available in a heavy-duty version for morbidly obese patients up to patient weights of **300 kg**.



Functional reclining ergometer

The ergometry unit can be removed from the couch surface and locked in place with a single hand movement. A module for control via PC-ECG or ECG recorder is integrated by default.

As an alternative, further remote control terminals are available on a separate stand. These enable the simple performance of individual ergometric test protocols and manual load adjustment.



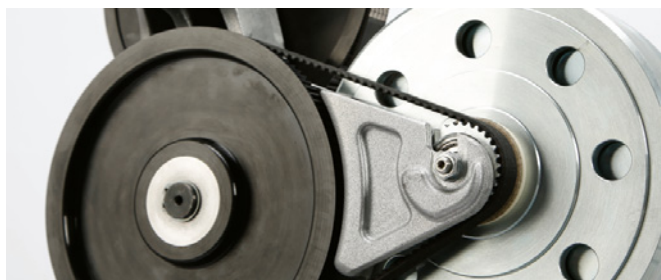
Headrest and shoulder supports

To support the patient during a supine ergometric test, headrest and bilaterally adjustable shoulder supports can be attached and simply adjusted to the patient's height.



Speed display (cadence)

During the ergometric test, the patient displays shows the current speed for control, while additional icons warn against overly low or high speed. The display can be folded away laterally when not in use.



Standard-compliant precision

Thanks to the use of reliable components and high-quality measuring electronics, 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. Moreover, the special two-stage belt drive ensures whisper-quiet operation during an ergometric test.



Color variants

The pad cushions are available in many colors to match any practice or hospital interior design.



ECG connection/interfaces

All leading ECG manufacturers support a control option for ergoline ergometers in their exercise ECG or ergospirometry systems.

ergoline ergometers offer a wide range of connection options. In addition to the standard RS-232 and USB interface, wireless connections via Bluetooth or WiFi are available as well.



ergoselect 8 – 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 SpO₂ measurement

For precise monitoring of the patient's oxygen saturation during the stress test, the reclining ergometers can be equipped with an SpO₂ measurement module (control terminal P/T).

A wide selection of suitable SpO₂ sensors is available in different sizes.



Control terminal, on separate stand

Control terminals on a stand are available for the easy performance of custom ergometric test protocols or manual load adjustment.



Catheter shelf (stainless steel)

A universally adjustable board can be attached laterally for performing heart catheter examinations.



IV pole

An IV pole can be easily attached to the DIN rails.



ergoselect 8 – Technical Specifications

Reclining ergometer		ergoselect 8		
Couch surface		200 cm x 75 cm		
Couch height (examination couch)		68 cm		
Headrest adjustment		0 – 45 °, continuous, with gas pressure spring		
Upholstery fabric		easy-care, abrasion-resistant, antimicrobial, antibacterial acc. to JIS Z 2801, disinfectant-resistant, fulfills requirements of German Medical Devices Act (MPG) acc. to DIN EN ISO 10993-5, -10		
Patient weight (max.)		225 kg		
Brake unit				
Brake system		computer-controlled eddy current brake		
Drive		special multi-stage belt technology (no slippage, low wear)		
Load		6 – 450 watts (1000 watts optional), speed-independent		
Accuracy		to DIN VDE 0750-238		
Speed range		30 – 130 rpm		
Control terminal	D (service)	M (remote control)	P (ergometry)	T (color touch)
Integrated / on separate stand	● / –	– / ○	– / ○	– / ○
Display, numeric	–	load, speed (rpm), time, blood pressure (LCD)		7" color display
Display, graphic (e.g., load or pulse curve)	–	–	–	●
Patient display	–	speed with target range, swiveling		
Keyboard	–	–	membrane keyboard	touch keyboard
Exercise test protocols				
User programmable	–	–	10	10
Manual load control	–	–	●	●
Training protocols				
User programmable	–	–	–	10
Preprogrammed performance tests	–	–	–	3
Expansion options				
Automatic blood pressure measurement	–	○	○	○
SpO2	–	–	○	○
Infusion holder / arm rest (catheterization)		○ / ○		
Interfaces				
Digital (RS-232, USB) / Bluetooth / WiFi		● / ○ / ○		
Dimensions and weight				
Reclining ergometer		Reclining ergometer with packaging		
Length:	200 cm	Length:	210 cm	
Width:	95 cm (with attachments)	Width:	83 cm	
Height:	68 cm (examination couch)	Height:	110 cm	
Weight:	approx. 159 kg	Weight:	approx. 212 kg	
Miscellaneous				
Power supply		100 – 240 V / 50 – 60 Hz / 150 VA max.		

● Standard ○ Option

PREMIUM QUALITY



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