

BICYCLE ERGOMETERS FOR TRAINING

optibike basic / plus



ergoline
MOVING TO HEALTH

optibike basic / plus

The ideal training ergometer for in-home and therapeutic use.

Different forms of training (heart-rate controlled, constant load, interval training) can be programmed easily and are conveniently supported.

The optionally available digital chest strap ensures reliable acquisition of the heart rate.

Completed training sessions can be saved on a chip card and analyzed on the PC.

Our *optibike* ergometers are particularly well suited for orthopedic patients thanks to their low step-through access.



Learn more about *optibike basic* – with 360° view and technical features.

- broad open step-through frame
- high-precision load unit (medical device)
- seat height seamlessly mechanically adjustable
- adjustable handlebar (360°)
- patient weight up to 160 kg
- user-friendly interface
- variety of training protocols
- manual operation/ Quick Start function
- 6 to 450 Watts
- wide range of expansion options



Learn more about optibike plus –
with 360° view and technical features.





optibike basic

The optibike basic is operated with just 4 keys.

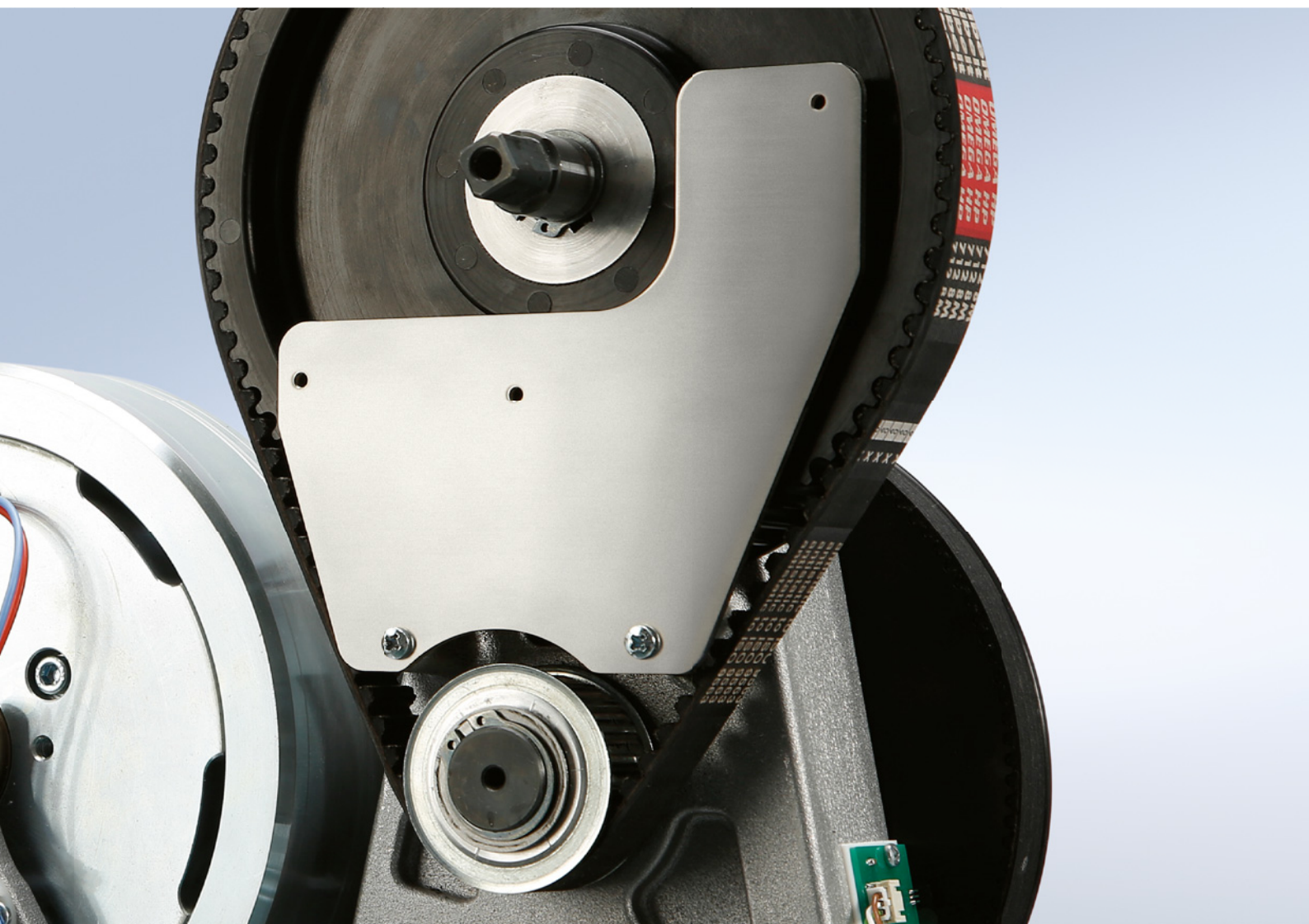
After selecting the desired training format (manual, countdown or pulse-controlled cardio training), all relevant parameters (including load, speed, heart rate) are shown on the LC display during training.



optibike plus

The large color touchscreen display of the optibike plus offers an intuitive user interface for ease of use.

The large colorful graphic display shows all important training data, with heart rate and load curve diagrams.





Integrated chip card unit

Training protocols defined on a PC are programmed by the ergoline training card via the integrated chip card reader (optibike plus).

After completion of the training, the optibike automatically saves the results on the training card.

The data can then be read, saved and printed on the PC (opticare basic software).



Cardio set for heart rate detection

Uninterrupted, reliable acquisition of the heart rate is indispensable for conducting heart-rate controlled training.

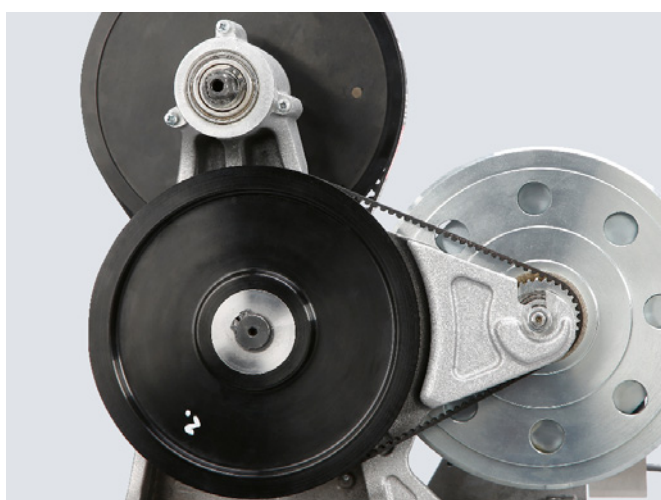
The digital ergoline chest strap allows for the unique allocation of the strap to a patient – the “inadvertent” transmission of another person’s strap signals is completely ruled out.

As an alternative, a cardio set with POLAR® components is also available.



Filing tray

All optibike ergometers can be equipped with a basket, for example to hold a water bottle or a towel.



Whisper-quiet drive technology

The 2-stage belt drive of the load unit, specifically developed by ergoline, guarantees quiet and slip-free operation – even at high loads. The electronically controlled eddy current brake ensures that the wattage settings are followed precisely (in accordance with medical device standards).

All axes run on high-quality, permanently lubricated precision ball bearings. This ensures whisper-quiet, smooth operation even after years of use.

optibike basic / plus – Measurement

Dimensions



optibike basic / plus – Technical Specifications

Ergometer	optibike basic	optibike plus
Brake system	computer controlled eddy current brake	
Drive	two-stage brake system with special drive belts (no slippage, low wear)	
Load	6 – 450 Watt, speed-independent	
Accuracy	to DIN VDE 0750-238	
Speed range	30 – 130 rpm	
Handlebar adjustment	inclination 360°	
Saddle height adjustment	continuously mechanical	
Patient height	for body high from approx. 120 cm to 210 cm	
Patient weight (max.)	160 kg	
Control terminal		
Display, numeric	load, speed (RMP), ergometry time	
Keyboard	membrane keyboard	color touch
Exercise protocols		
User programmable	10	
Manual load control	●	
Interfaces		
digital (RS-232, USB) / Bluetooth / WiFi	– / – / –	– / – / –
Dimensions and weight		
Ergometer	Ergometer with packaging	
Length: 100 cm	Length: 107 cm	
Width: 44 cm (Width handlebar approx. 53,5 cm)	Width: 60 cm	
Hight: 128 cm	Hight: 144 cm	
Weight: approx. 55 kg	Weight: approx. 69 kg	
Miscellaneous		
Power supply	100 – 240 V / 50 – 60 Hz / 100 VA max.	

● Standard ○ Option

PREMIUM QUALITY



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