

# Optibike

The Ideal Training Ergometer



Different forms of training (heart rate controlled, constant load, interval training) can be programmed easily.

Using a digital chest strap allows accurate recording on the heart rate. Conducted training sessions can be saved on a chip card and can be evaluated on the PC.

The drive and brake unit is housed in a special, solid diecast aluminium enclosure. In contrast to the simple sheet metal fixtures used to many home ergometers, this design ensures smooth running and reliable mounting of axles and bearings.

The load in watts is precisely controlled and maintained by the eddy current system, which allows for simple testing.

The Optibike will also maintain the load in the correct range for the target pulse rate. While a large graphic display shows all the relevant numeric values, as well as a diagram with the pulse and load curves.

High precision top quality ball bearings and the permanent lubrication specially implemented for Ergoline systems makes the axles and the pedals spin smoothly and quietly for years of use.

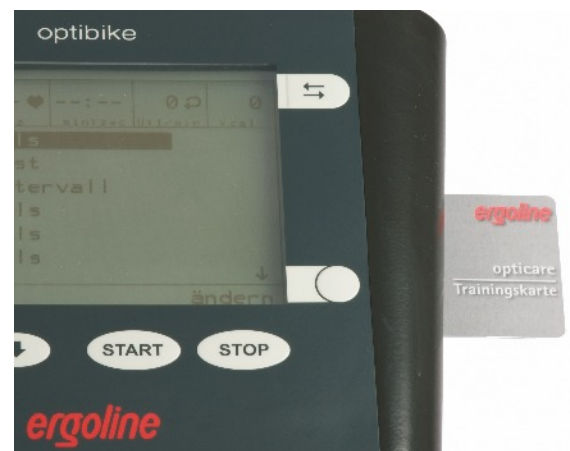
Velcro strips on the peddles prevent shoes slipping.

The Optibike has 360 degree handlebar adjustments which allows test subjects to sit upright at different heights.

The wide seat prevents pressure marks which makes testing comfortable for patients even during long tests.

Height adjustable feet on the Optibike compensate for uneven flooring, this also makes the Optibike more stable during testing.

Integrated chip card reader makes it simple for patients to insert their chip cards and start a test, the test can be saved on the card and the information can be downloaded on to a PC for editing and printing.



Simple set-up makes it easy to operate, only two keys are needed to be pressed, this will be enough to start your preferred training programme.

# Technical Specifications

Break System → Microprocessor Controlled Eddy Current Brake

Load → 6 To 400 Watt, Speed Independent

Accuracy → According To DIN VDE 0750-238

Speed Range → 30-130 Rpm

Handlebar Adjustment → Angle 360°

Saddle Height Adjustment → Mechanical, Continuous

Body Height → Approx. 120 cm To 210 cm

Weight → 160 kg (Max)

Display (Numeric Values) → Load, Speed (Rpm), Heart Rate, Exercise Time, Km, Kcal, Kj

Display (Graphics) → Load & Pulse Curve

Keyboard → Membrane Keyboard

Acquisition → Chest Belt With Digital Radio Transmission

Reception → Radio Receiver Integrated In Control Terminal

Manual Load Adjustment → In Steps Of 1, 5 Or 10 Watts

Training Modes → Constant Load, Pulse-control, Interval, Manual

Exercise Protocols → 10 (User Configurable)

Training Documentation (Optional) → Ergoline Chip card Stores Up To 60 Training Sessions

PC Software For Exercise Documentation (Optional) → Opticare Basic

Dimensions Max (L x W x H) → Approx. 90 cm x 46 cm x 133 cm

Weight → 61 Kg

Power: 90 - 265 V / 50 - 60 HZ / 80 VA Max.

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