

EP-ES1030100 EURObike 3500



NB the product is subject to changes without prior notice.

Description

Medical ergometer **EURObike 3500** is the reference in medical Stress-Testing and Rehabilitation. The excellent Eddy current brake with computer-controlled torque assures a revolution-independent workload. This control results in a very pleasant pedalling feeling, allowing the patient to fully exploit his/her performance. The mechanism, consisting of state-of-the art components, runs almost noiseless, even at high speed.

EURObike 3500 manages the workload automatically or manually, as well as a connection to PC or Stress-Test workstation is available too.

The most relevant features of **EURObike 3500**:

- ✓ Easy access for every user
- ✓ Adjustable head, rotating 180°
- ✓ Extra comfortable seat, with easy setup of handgrip and seat
- ✓ Workload up 1 to 999 W
- ✓ Amazingly silent, thanks to the exclusive Poly-V[®] belt
- ✓ *optional: automatic NIBPM and SpO2 monitor*
- ✓ *optional: paediatric configuration*
- ✓ *optional: electric movement of the saddle*

Technical Data

Workload:	<ul style="list-style-type: none"> ✓ driven by external system: 1 - 999 W, resolution 1 W ✓ self-driven: 1 - 999 W, resolution 5 W
Brake:	Elettromagnetic, driven by microprocessor and RPM-independent
Precision:	± 3% not less than 3 W (20-800 W, 30-130 rpm)
Display:	<ul style="list-style-type: none"> ✓ graphic LCD display 57x43 mm, to show di Heart-Rate, workload, time; SpO2, Blood Pressure ✓ specific display for the patient, to show the current pedalling rate. ✓ The control unit can turn 180° freely
Workload management:	<ol style="list-style-type: none"> 1. modality <i>Remote</i> - the ergometer is driven by external system 2. modality <i>Automatic</i> – the ergometer is self-driven, the built-in controller manager the parameter the user chooses: <ul style="list-style-type: none"> ✓ stage duration: 1 – 10 mins ✓ workload increment: 5 – 100 W 3. modality <i>Manual</i> – workload is manually controlled
Interfaces:	<ul style="list-style-type: none"> ✓ optoisolated RS232 interface for PC or other external systems ✓ optional USB or Bluetooth interface
Additional interfaces:	USB socket (5 V, 1 A)
Ergonomy:	<ul style="list-style-type: none"> ✓ max patient weight 160 kg (200 kg with the optional stabilizer) ✓ patient height 120 - 210 cm ✓ continuous, stepless saddle height or motor-driven (optional) ✓ continuous, stepless handlebars height ✓ continuous handlebars rotation 360°
Size & Weight:	base 45x83 cm; weight 60 kgs approx.
Power:	230 V ~ 50 – 60 Hz, 115 V ~ 50 – 60 Hz. conformal to CISPR 11, group 1, class B. max power absorbtion 28 W
Regulatory:	conformal to EN 60601-1, DIN 13405, DIN VDE 0750-238
Options:	<ul style="list-style-type: none"> ✓ poediatric configuration ✓ horizontal saddle guide ✓ USB or BlueTooth interface ✓ Built-in NIBP monitor ✓ Built-in SpO2 monitor ✓ Android Tablet for Stress-Test or Rehabilitation ✓ Base stabilizer (max patient weight 200 kg) ✓ ...