

## EP-ES1030100 EUROBIKE 3500



N.B. Product is subject to change without prior notice. The actual product might differ from the pictures here shown.

### 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<sup>®</sup> belt
- ✓ optional: automatic NIBPM and SpO<sub>2</sub> monitor
- ✓ optional: paediatric configuration
- ✓ optional: electric movement of the saddle

## Technical features

<b>Workload:</b>	<ul style="list-style-type: none"> <li>✓ driven by external system: 1 - 999 W, resolution 1 W</li> <li>✓ self-driven: 1 - 999 W, resolution 5 W</li> </ul>
<b>Brake:</b>	RPM-independent electromagnetic brake, driven by microprocessor. Pedalling speed within the interval 30 – 130 rpm.
<b>Display:</b>	<ul style="list-style-type: none"> <li>✓ graphic LCD display 57x43 mm, to show pedalling rate, Heart-Rate, workload, time; SpO2, Blood Pressure.</li> <li>✓ specific display for the patient, to show the current pedalling rate.</li> <li>✓ The control unit can turn 180° freely</li> </ul>
<b>Workload management:</b>	<ol style="list-style-type: none"> <li>1. modality Remote - the ergometer is driven by external system</li> <li>2. modality Automatic – the ergometer is self-driven, the built-in controller manager the parameter the user chooses:           <ul style="list-style-type: none"> <li>✓ stage duration: 1 – 10 mins</li> <li>✓ workload increment: 5 – 100 W</li> </ul> </li> <li>3. modality Manual – workload is manually controlled</li> </ol>
<b>Interfaces:</b>	<ul style="list-style-type: none"> <li>✓ optoisolated RS232 interface for PC or other external systems</li> <li>✓ optional USB or Bluetooth interface</li> </ul>
<b>Additional interfaces:</b>	USB socket (5 V, 1 A)
<b>Ergonomy:</b>	<ul style="list-style-type: none"> <li>✓ max patient weight 160 kg (200 kg with the optional stabilizer)</li> <li>✓ patient height 120 - 210 cm</li> <li>✓ continuous, stepless saddle height or motor-driven (optional)</li> <li>✓ continuous, stepless handlebars height</li> <li>✓ telescopic handlebar support</li> <li>✓ continuous handlebars rotation 360°</li> </ul>
<b>Stability and transport</b>	<ul style="list-style-type: none"> <li>✓ 2 pcs wheels, to move the bike locally</li> <li>✓ 2 pcs stabilizers with screw, to provide keep the bike steady during the use.</li> </ul>
<b>Size &amp; Weight:</b>	base 45x83 cm; weight 60 kgs approx.
<b>Power:</b>	230 V ~ 50 – 60 Hz, 115 V ~ 50 – 60 Hz. conformal to CISPR 11, group 1, class B. max power consumption 28 W
<b>Regulatory:</b>	conformal to EN 60601-1, DIN 13405, DIN VDE 0750-238
<b>Options:</b>	<ul style="list-style-type: none"> <li>✓ Motor-driver saddle height</li> <li>✓ pediatric configuration</li> <li>✓ horizontal saddle guide</li> <li>✓ USB or BlueTooth interface</li> <li>✓ Built-in NIBP monitor</li> <li>✓ Built-in SpO2 monitor</li> <li>✓ Android Tablet for Stress-Test or Rehabilitation</li> <li>✓ Base stabilizer (max patient weight 200 kg)</li> <li>✓ ...</li> </ul>