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EP-ES3200 Medical Grade Bike Ergometer “EUROBIKE 3200”

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

Description

Medical ergometer EUROBIKE 3200 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 3200 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 3200:

- ✓ Easy access for every user
- ✓ Robust build, in Steel and Aluminum
- ✓ 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 monitor
- ✓ optional: paediatric configuration

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Technical features

Workload:	✓ driven by external system: 1 - 999 W, resolution 1 W ✓ self-driven: 1 - 999 W, resolution 5 W
Brake:	RPM-independent electromagnetic brake, driven by microprocessor
Precision:	± 3% not less than 3 W (20-800 W, 30-130 rpm)
Display:	✓ graphic LCD display 57x43 mm, to show pedalling rate, Heart-Rate, workload, time; SpO2, Blood Pressure. ✓ specific display for the patient, to show the current pedalling rate. ✓ The control unit can turn 360° freely
Workload management:	1. modality Remote - the ergometer is driven by external system 2. modality Automatic – the ergometer is self-driven, the built-in computer manages the workload (step): ✓ stage duration: 1 – 10 mins ✓ workload increment: 5 – 100 W 3. modality Manual – workload is manually controlled
Interfaces:	✓ optoisolated RS232 interface for PC or other external systems ✓ optional USB or Bluetooth interface
Ergonomy:	✓ max patient weight 160 kg (200 kg with the optional stabilizer) ✓ patient height 120 - 210 cm ✓ continuous, stepless saddle heigth or motor-driven (optional) ✓ continuous, stepless handlebars heigth ✓ continuous handlebars rotation 360°
Stability and transport	✓ 2 pcs wheels, to move the bike locally ✓ 2 pcs stabilizers with screw, to provide keep the bike steady during the use.
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 consumption 28 W
Regulatory:	conformal to EN 60601-1, DIN 13405, DIN VDE 0750-238
Options:	✓ pediatric configuration ✓ horizontal saddle rail ✓ 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) ✓ …