

## EP-ES1230100 EUROcouch 3500 ergometer for imaging



NB the product is subject to changes without prior notice..

### Description

The couch/semi-couch safety ergometer for imaging EUROcouch 3500 are state-of-the-art high performance ergometers. The models designated can be equipped with an additional blood pressure measuring module. This module is situated in the ergometer's control console. The device meets the highest quality standards in precise physical exertion tests for conducting measurements in the field of cardiovascular and pulmonary function diagnostics. High safety standards are ensured thanks to the patient's reclined position. The following characteristics make the unit exceptional:

- ✓ Intelligent design for a safe use
- ✓ Easy access supported by a footboard and safe handlebar
- ✓ Comfortable, stable couch enabling the patient to lie still, safe position of the patient in of resuscitation should be necessary
- ✓ Easy adjustment of couch, saddle and headrest using a handy remote control
- ✓ Remote operation – personalised programs – training programs
- ✓ Performance range from 0-999 watts
- ✓ Very quiet drive unit
- ✓ *Optional NIBP module*
- ✓ *Optional SpO2 module*
- ✓ *Optional SMART interface*
- ✓ *Optional Bluetooth interface for PC, Stress-Test or CPET systems etc*
- ✓ *Optional WLAN interface for PC, Stress-Test or CPET systems etc*
- ✓ *Optional chest ECG module*
- ✓ *Optional chest Hear-Rate meter*

**Technical Data**

<b>Workload:</b>	<ul style="list-style-type: none"> <li>✓ Manual Mode: from 5 to 999 W, resolution 5W or 25 W</li> <li>✓ Internal Computer: from 1 to 999 W, resolution 5W or 25 W</li> <li>✓ External system: from 1 to 999 W, minimal res. 1 W</li> <li>✓ Error: 3% or 3 W (range 20 - 800 W)</li> </ul>
<b>Brake:</b>	electromagnetic, driven by microprocessor, independent from revolution-rate
<b>Display:</b>	<ul style="list-style-type: none"> <li>✓ Graphic color LCD touch 57x43 mm, to show Hear-Rate, Workload, Time</li> <li>✓ The head can rotate 180°</li> <li>✓ A specific display shows just the revolution rate</li> </ul>
<b>User Interface:</b>	<ul style="list-style-type: none"> <li>✓ Manual programming (no automatic workload protocols are available)</li> <li>✓ Built-in Computer</li> <li>✓ Interface towards PC via RS232 (opto-isolated), protocols:</li> <li>✓ Ergosana</li> <li>✓ P10</li> <li>✓ P10E</li> <li>✓ P1</li> <li>✓ P2</li> <li>✓ P10F</li> </ul>
<b>Ergonomy and safety:</b>	<ul style="list-style-type: none"> <li>✓ Handle-bar and armpit support on the left side</li> <li>✓ Hip support on the left side</li> <li>✓ Balance-effort pedals</li> <li>✓ Saddle and headrest controlled via remote control</li> <li>✓ Desing with no edges or any other shapes hazardous for patients or operators</li> <li>✓ 90x55 cm back rest</li> <li>✓ Access for US probe on the left side</li> <li>✓ Support for paper blanket</li> </ul>
<b>Patient weight and height:</b>	max patient weight 160 kg. Infinitely variable for heights from 120 to 210 cm.
<b>Remote control:</b>	3 movements controlled via remote control: <ul style="list-style-type: none"> <li>✓ 0° - 45° frontal recline (continuous, no steps)</li> <li>✓ Independent, head-rest position</li> <li>✓ Independent saddle position</li> </ul>
<b>NIBP:</b>	Indirect Riva Rocci method, RR-gated (optional) <ul style="list-style-type: none"> <li>✓ BP range 30-300 mmHg</li> <li>✓ Pulse Rate 32-240 bpm</li> </ul>
<b>Power:</b>	230 VAC 50-60 Hz, 115 VAC 50-60 Hz.
<b>Optional accessories:</b>	extended leg rests, Arm rest for IV or NIBP) extra handles, XL or Small size arm cuffs, chest belt HR-meter, chest belt ECG module etc.
<b>Size &amp; Weight:</b>	Base: 160x60 cm. Weight 90kg