

# Sports Medicine



## Ultimate Performance

Bicycle, arm and treadmill ergometers supporting athletes and physicians to improve performance



Sports medicine is the study and practice of medical principles related to the science of sports. Lode has a special range of sports medical products that meet the high requirements of professional top athletes and their supervisors. All equipment is designed for top performances and high workloads: heavy duty bicycle and arm ergometers up till 2500 Watt or treadmills up to 40 km/h and negative elevation. For all body postures and movements various ergometers are available. Completed with the LEM software Lode offers a complete and modern sports medicine ergometry setting.

### Valiant Ultra 300

Ultra large treadmill with 300 x 200 cm beltsurface for various applications. By choosing accessories and options the treadmill can be configured to your specific application. The available configuration is very complete:

- Speed: 0 - 40 km/h / Start-up speed and speed steps: 0,1 km/h
- Positive elevation: 0 - 25% / Negative elevation: -25 - 0 %
- Safety: fallstop, emergency stop button and safety lanyard
- Display: programmable 7" Control Unit
- Handrails: adjustable and removable
- Connectivity: to be controlled by external ECG- and Pulmonary devices and by a Lode Software Network (LEM or LCRM)



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Lode Sports Medicine product range consists of the following products:

<p><b>Brachumera sport</b></p> <p>The worlds highest load accurate arm ergometer</p>  <p>Arm ergometer for Sports Medicine</p>	<p><b>The new Excalibur Sport with PFM</b></p> <p>Smarter, Better, Stronger!</p>  <p>Sport ergometer for athlete assessments</p>	<p><b>The new Excalibur Sport</b></p> <p>Smarter, Better, Stronger!</p>  <p>Sport ergometer for athlete assessments</p>	<p><b>Valiant 2 sport</b></p> <p>Robust and reliable treadmill for sports medicine</p>  <p>Reliable treadmill with modern design</p>	<p><b>Valiant 2 sport XL</b></p> <p>Robust and reliable treadmill for sports medicine</p>  <p>Reliable treadmill with modern design</p>
<p><b>Katana sport</b></p> <p>Unique Slat Technology</p>  <p>Sports Treadmill</p>	<p><b>Katana sport XL</b></p> <p>XL sports treadmill with unique Slat Technology</p>  <p>Extra Long Sports Treadmill</p>	<p><b>Valiant Ultra 250</b></p> <p>Multifunctional robust and reliable treadmill</p>  <p>Ultra large reliable treadmill</p>	<p><b>Valiant Ultra 300</b></p> <p>Multifunctional robust and reliable treadmill</p>  <p>Ultra large reliable treadmill</p>	<p><b>Valiant Ultra 450</b></p> <p>Multifunctional robust and reliable treadmill</p>  <p>Ultra large reliable treadmill</p>

## About Lode

Ever since Freerk Lode manufactured the first electro-magnetic bicycle ergometer in 1952, accuracy, reliability and durability have been fundamental for further developments. Having started years ago in the market of cardiology and pulmonary function, Lode BV has become a specialist in the complete spectrum of medical ergometry. Lode is world renowned as a manufacturer of high quality ergometers and the Lode brand stands for accuracy, durability and ergonomic design. The Lode product range varies from bicycle ergometers and treadmills to recumbent, arm and supine ergometers and ergometry software. Long-term experience in manufacturing medical equipment and continuous development to meet the changing requirements of the market, make Lode a flexible and reliable partner. Together we can transform your specific ideas and wishes into custom-made products. Before leaving the factory all Lode ergometers are dynamically calibrated and, of course, all units are produced under the strictest quality control conditions. Lode is ISO 9001:2015, ISO 13485:2016 certified and fulfils the EU Medical Device Directive MDD 93/42/EEC. Many Lode products are FDA registered. Over years of use, service costs are almost negligible.

