

# Corival CPET

Lode's medical ergometer, with low 7 Watt start-up, integrates seamlessly for precise cardiopulmonary testing.

## Precision ergometer for advanced CPET testing

The Corival CPET is a high-precision ergometer tailored for cardiopulmonary exercise testing in medical settings. With a low start-up load of 7 Watts and adjustable workload up to 1000 Watts, it accommodates patients with varied exercise capacities. Its ultralow step-through design ensures patient comfort, while eddy current electro-magnetic braking guarantees consistent, accurate results.

## Statements users

“Our Corival is connected to Cortex equipment: a plug and play system that delivers accurate and reliable data.”

*Duncan Leistra - Nij Smellinghe Hospital*

“I highly recommend the Corival to anyone in need of a reliable and efficient tool for their research or fitness.”

*Caspar Frederik Mylius - Hanze University of applied sciences Groningen*

## Seamless integration

The Corival integrates seamlessly with stress ECG and pulmonary devices, streamlining data collection for efficient assessments. With a 3.5" color display for real-time monitoring and quiet operation.

- Extreme low start up load
- Ultra-low step-through
- Perfect ergonomic position
- Low noise
- Compatible with ECG and pulmonary devices





## Why the Corival CPET

### Reliable and reproducible stress tests

The experience of professionals who calibrate many ergometers showed that the Lode ergometers are the most reliable across the complete workload and rpm range and still within specifications even after many years of intensive use.

### Various test modes

Besides the hyperbolic (rpm-independent) mode that is used most of the time, the standard control unit offers several other test modes, like the fixed torque mode and the linear mode. These modes can be used in both manual and terminal mode.

### High standards

Lode is a socially and environmentally responsible company. All Lode products are RoHS/WEEE compliant and Lode is ISO 9001:2015, and ISO 13485:2016 certified. All medical products comply to MDD 93/42/EEC, incl. IEC 60601-1.

### Q-factor equal to road-bike

The Q-factor of the ergometer is equal to the Q-factor of road bikes, creating perfect training circumstances.

### Rotatable handlebar with new lever

The new designed lever makes it even easier to adjust the handlebar. The handlebar can be rotated 360 degrees and is constructed in such a way that the test subject can be installed comfortably at every seating height.

