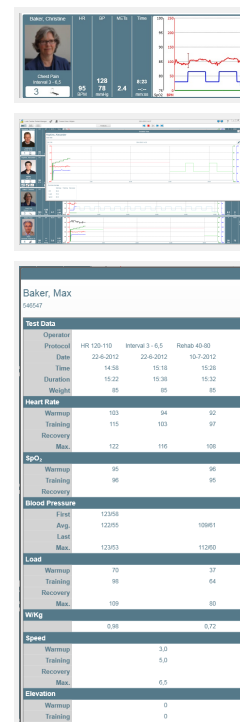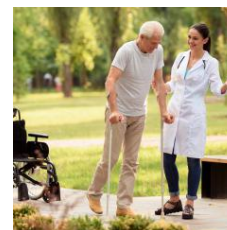# Lode Rehab Manager

Simultaneous testing



## Highlights

### High standards

Lode is a socially and environmentally responsible company. All Lode products are RoHS/WEE 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.

### Everything in control

Easy set up of Subject data
Create protocols quickly and efficiently
Overview of progress during test

### Multifunctional software for all Lode ergometers

The software can be used for all Lode ergometers and treadmills, including their options like bloodpressure, heart rate, SpO2 etc.
Load as well as bloodpressure triggers can be set remotely.

### Easy to install

- Simple step by step installer
- Easy setup of ergometers
- Easy setup of subjects

### Complete Ergometry setting

The modular structure of the software combined with the accurate and reliable Lode ergometers offers a complete and modern ergometry setting.

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# Lode Rehab Manager



### Simultaneous testing

The Lode Rehab Manager software is developed to connect multiple Lode ergometers and / or treadmills to one PC. Patients, devices and protocols can be managed simultaneously. The software can control 2 up till 16 ergometers.

Various ergometry parameters can be controlled:

- Workload
- BPM
- SpO2
- Heartrate
- RPM
- BORG Scale
- Heartrate controlled ergometry

The standard software package provides a license for two ergometers, a network module connection cable (#930930) and a 5m cat cable. When using more than two ergometers, an additional license (#950906) can be ordered separately for each ergometer.

# Lode Rehab Manager

Simultaneous testing

## Features

### Patient Database
An extensive patient database is available, which can work as a stand alone database or linked to a SQL server. HL7 connection to the Hospital Information System (HIS) is possible.

### Data dashboard available
Various ergometry data is made visible, enabling the operator to simultaneously visualize ergometric parameters during the test and to control or quickly intervene when necessary.

### Monitor during the test
The visualisations on the monitor can be selected by the operator to define a clear and usefull visual overview during the exercise test. The lay-outs for different purposes can be saved by the operator

### Add remarks
Remarks can be added and modified before, after and
during the test

### Multiple analysis modes
Easy access to Analysis menu. Creating individual comparisons with an overview of the performed tests.

### Borg RPE scale integrated
Ratings of Perceived Exertion: an aid to help estimate the amount of exertion, the load and fatigue on a scale of 6 to 20.

### Easy guided protocol creation
Protocol Wizard for creating standard protocols for the bicycle ergometer or treadmill. An efficient manner to define the amount, duration and type of stages, in interval- step- or bodyweight controlled-protocols.

### Sophisticated analysis menu
Possibility to zoom into the results and synchronize with other graphs. To have a better look with the use of the x/y coordinate functionality. Compare several test results from a Test subject in a clear overview, or compare different test subject performing the same exercise test. Define your own print report.

### HL7 compatible
Specific data and reports can be exchanged with hospital information systems according to the HL7 standard

### Protocol editor
Exercise Protocols with target energy and target distance stages are created with the protocol editor. Special ramping stages or Heart rate controlled protocols are easily programmed. With the edit functionality the exercise protocols are adjusted in a second. Default protocols are available.

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# Lode Rehab Manager

Simultaneous testing

## Interconnectivity between Lode products

Connecting Lode products has never been easier! Lode rehab and sports products have a standard Network card:

- To be able to connect the first product to the PC with L(C)RM a Lode proprietary network to PC cable is needed (#930930). This cable is standard included with Lode Rehab Software.
- From the second product onward products can be connected to the previous one, creating a bus network configuration;
- The last product always needs a termination plug to avoid interference and loss of data. Therefore all products with such a network card come with a termination plug.

Benefits
- Lossless data connection
- High bandwidth
- No interference of COM ports
- Daisy chain connection
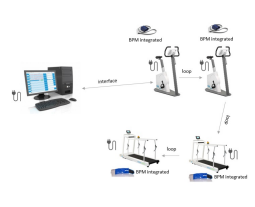- Full access of all data in the product to LCRM

# Lode Rehab Manager

Simultaneous testing



Lode Rehab Manager can a.o be extended with the following options:

## Blood Pressure Measurement with ECG trigger for treadmills
with ECG trigger



Partnumber: 945824

## Medical Keyboard

Maximum hygiene



Partnumber: 945860

## Medical Mouse

Maximum hygiene



Partnumber: 945861

## Network module connection cable
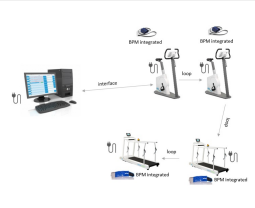
Easy connection



Partnumber: 930930

## Lode (Cardiac) Rehab Manager - additional license
Versatile data and ergometer



Partnumber: 950906

## Blood Pressure with ECG trigger for bicycle ergometer
with ECG trigger



Partnumber: 945828



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# Lode Rehab Manager

Simultaneous testing

## Specifications



### Comfort

| | |
|---|---|
| Alarm Heart Rate | ✔ |
| Alarm Blood Pressure | ✔ |
| Audio Alarm | ✔ |
| Versatile database connection | ✔ |

### User Interface

| | |
|---|---|
| English user interface | ✔ |
| Chinese user interface | ✔ |
| Czech user interface | ✔ |
| Dutch user interface | ✔ |
| French user interface | ✔ |
| German user interface | ✔ |
| Italian user interface | ✔ |
| Japanese user interface | ✔ |
| Korean user interface | ✔ |
| Polish user interface | ✔ |
| Russian user interface | ✔ |
| Spanish user interface | ✔ |
| Turkish user interface | ✔ |
| Customized Screenviews | ✔ |
| Customized Reports | ✔ |
| Personalized Color Settings | ✔ |
| Software available in English | ✔ |
| Software available in German | ✔ |
| Software available in Dutch | ✔ |
| Software available in French | ✔ |
| Software available in Russian | ✔ |
| Software available in Polish | ✔ |
| Software available in Japanese | ✔ |

### Connectivity

| | |
|---|---|
| RS232 connection to Lode ergometers | ✔ |
| USB connection to Lode treadmills | ✔ |
| Bluetooth available | ✔ |
| Max. wireless slots per monitor | 8 |

### Minimum System Requirements

| | |
|---|---|
| Intel Core based processor | 2.4 GHz |
| Monitor | 1920 x 1080 pixels |
| Internal RAM | 4000 MB |
| Minimum Free Hard Disk space | 20 GB |
| CD Rom drive required | ✔ |
| Number of free USB ports | 1 |
| Mouse | ✔ |
| Keyboard | ✔ |

### Compatibility

| | |
|---|---|
| HL7 compatible | ✔ |
| Compatible with MS SQL Server | ✔ |
| Database | SQL Compact |
| Database limit | 4 GB |
| Microsoft Windows 10 | ✔ |
| Microsoft Windows 8 | ✔ |
| Microsoft Windows 7 | ✔ |

### Included parts

| | |
|---|---|
| PC software included | ✔ |

### Order info

| | |
|---|---|
| Partnumber: | 950905 |

*Specifications are subject to change without notice.*

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