Valiant 2 rehab XL

Robust and reliable treadmill for rehabilitation

Highlights

High standards

Lode is a socially and environmentally responsible company. All Lode products are RoHS/WEE compliant and Lode is ISO 9001:2003, ISO 13485:2008 and FDA 510K certified. All medical products comply to MDD 93/42/EEC, incl. IEC 60601-1.

Various handrails available

Various handrails are optional available, making the treadmill suitable for your specific stress test setting.

Smooth acceleration

All treadmills have a smooth acceleration from 0 km/h to the start speed.

Extremely accurate

The treadmill is extremely accurate in its speed and angle settings

Patient friendly treadmill

The treadmill offers ultimate comfort for the patient:
- low step-up height
- faultless operation
- smooth acceleration
- reliable and reproducible test results
- low noise

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Modern designed treadmill specifically designed for rehabilitation. The low step-up height makes the treadmill perfectly suitable for all test subjects in the field of rehabilitation. The emergency stop with magnetic lanyard on the standard front handrail provides additional safety for the user. The Valiant 2 rehab offers a smooth acceleration from 0 km/h and is continuously adjustable in a range of 0,1 – 12 km/h (0.06 – 7.5 mph). The network module provides control within a Lode software network (LEM, LRM or LCRM). Thanks to the unique low design of the cover plate it is possible to place a mirror or camera in front of the treadmill which makes it easier to monitor the gait of the test subject. The Valiant 2 rehab XL has a standard running surface of 60 x 170 cm and 0-25% elevation. The treadmill is supplied with a 7" control unit with touchscreen for manual control.

A USB A-B cable only for service purposes will be standard delivered with the product.

To connect LEM, LRM or LCRM you need a special interface cable that can be ordered under part number 930930.

Features

Low noise
Material choices, refined components and accurate manufacturing techniques lead to low noise.

Extreme low step-up height
To allow people to safely and comfortably step up the treadmill it is important to have a very low step-up height

Small adjustment steps
The speed of the treadmill can be adjusted in the smallest steps of only 0.1 km/h!

Low cover plate
The motor compartment of the treadmill is designed in such a way that the cover is only marginally higher than the belt surface. This allows for low camera positions in case the treadmill is used for gait analysis purposes. Also a therapist has the best possible view on feet and lower extremities.

Robust design
The product is designed to withstand continuous heavy use by subjects in most weights and sizes.

Downhill walking as an option (-10%)
This treadmill can be executed with 10% negative elevation. This allows for downhill walking which is extremely usefull for rehabilitation of certain injuries.

Optional integrated BPM and SpO2
The treadmill can be extended with a stable and reliable blood pressure module and SpO2 measurement.

LCRM compatible
This treadmill can be connected to the Lode Cardiac Rehab manager offering a complete cardiac rehab setting

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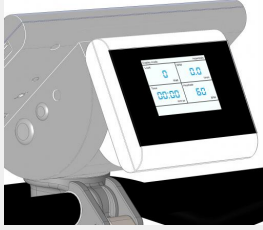- Lossless data connection
- High bandwidth
- No interference of COM ports
- Daisy chain connection
- Full access of all data in the product to LCRM

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Valiant 2 rehab XL can a.o be extended with the following options:

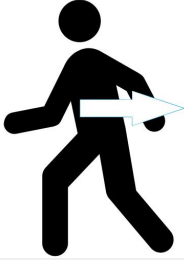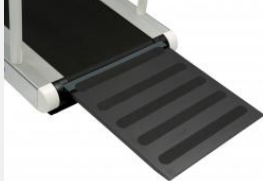| Remote Control for treadmill	Add program function to 7" touch screen for Treadmill	Table foot for Control Unit with Touchscreen	Colour Display 3.5" - 2nd screen	SpO2 for control unit with touch panel (treadmill)
Ease of use	Programmable	Control from any desired place	Multifunctionality	Oxygen saturation
Partnumber: 945831	Partnumber: U945815	Partnumber: 945818	Partnumber: 945819	Partnumber: 945822

SpO2 for control unit with touch panel - ordered afterwards	Blood Pressure Measurement with ECG trigger for treadmills	Heart rate for treadmills	Emergency Stop Button	Autospeed
Ordered afterwards	with ECG trigger	Heart rate in beats per minute	Ultimate safety	Flexibility in exercising
Partnumber: P945822	Partnumber: 945824	Partnumber: 945820	Partnumber: 945804	Partnumber: 945840

Negative elevation - 10% for Valiant 2 - 60 cm	Reverse Walking for Valiant 2	Entrance plate for Valiant 2 - 60 cm	Handrails, Side - Fixed for Valiant 2	Handrails, Side - Adjustable for Valiant 2
Downhill running	Simple switching between forward and	Even easier entrance to the treadmill	Extra support for the test subject	Safe and flexible handrails
Partnumber: 938815	Partnumber: 938842	Partnumber: 938819	Partnumber: 938810	Partnumber: 938811

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Specifications

Workload

Maximum speed	12 km/h	7.5 mph
Minimum operational speed	0.1 km/h	0.1 mph
Positive elevation	25 %	
Elevation adjustment steps	0.5 %	
Optional negative elevation	-10 %	

Comfort

Allowed user weight	225 kg	496 lbs

User Interface

English user interface	✔
Norwegian user interface	✔
Czech user interface	✔
Danish user interface	✔
Dutch user interface	✔
Finnish user interface	✔
French user interface	✔
German user interface	✔
Italian user interface	✔
Japanese user interface	✔
Korean user interface	✔
Polish user interface	✔
Portugese user interface	✔
Russian user interface	✔
Spanish user interface	✔
Turkish user interface	✔
Ukrainian user interface	✔

Connectivity

Optional USB connector	✔
Optional RS232 connector	✔

Dimensions

Walking surface length	170 cm	66.9 inch
Walking surface width	60 cm	23.6 inch
Step up height	17 cm	6.7 inch
Product length (cm)	235 cm	92.5 inch
Product width (cm)	90 cm	35.4 inch
Product height	130 cm	51.2 inch

Power requirements

Power cord length	250 cm	98.4 inch
Power cord IEC 60320 C19 with CEE 7/7 plug	✔	
Power cord NEMA	✖	
Maximum rated power input	2500 VA	
115 V AC 50/60 Hz (2 phases)	✔	
230 V AC 50/60 Hz	✔	
Maximum motor power	1.8 kW	

Standards & Safety

IEC 60601-1:2005	✔
ISO 13485:2003 compliant	✔
ISO 9001:2008 compliant	✔
Standard emergency lanyard	✔

Certification

CE class Im according to MDD93/42/EEC	✔
CTüVus according to NRTL	✔
CB according to IECEE CB	✔

Order info

Partnumber:	938903

Specifications are subject to change without notice.