Valiant 2 cpet XL

Robust and reliable treadmill that can be controlled by external devices











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.

Compatible with ECG and pulmonary devices

The treadmill can be controlled by all external stress test ECG and ergospirometry devices through the RS232 or USB port. This is possible because besides the programmed Lode protocol, all known communication protocols are programmed as well.

Various handrails available

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

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 cardio-pulmonary exercise testing. This treadmill is standard supplied with a communication module and can therefor be easily controlled by all known stress ECG and pulmonary devices in the world. The low step-up height makes the treadmill perfectly suitable for all test subjects in the field of cardiology, rehabilitation and pulmonary function. The emergency stop with magnetic lanyard on the standard front handrail provides additional safety for the user. The Valiant 2 cpet offers a smooth acceleration from 0 km/h and is continuously adjustable in a range of 0,5 – 20 km/h (0.3 – 12 mph). The standard elevation is 0 - 25% and the running surface of this treadmill is 60 x 170 cm. The Valiant cpet is standard supplied without any display.

A USB A-B cable for service purposes as well as connecting to ECG and pulmonary testing devices will be standard delivered with the product.

To connect older ECG and pulmonary testing devices with RS232 or other connectors you need a special interface cable that can be ordered separately.

Features

Low noise

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

Versatile Interfacing

Various interface protocols guarantee perfect communication with all commonly known stress ECG and spirometry equipment

Extreme low step-up height

17 cm

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

0.1 km/h

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 useful for rehabilitation of certain injuries.

Optional integrated BPM and SpO2

BMP SPO2

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

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

USB to Serial converter

Easy connection



Partnumber: 226012

Universal treadmill Arm Support

Comfort for both test subject and test



Partnumber: 945805

Emergency Stop Button

Ultimate safety



Partnumber: 945804

Extension for emergency lanyard

Original Accessory



Partnumber: 945931

Autospeed

Flexibility in exercising



Partnumber: 945840

Programmable Control Unit with 7" touch screen for Treadmill

Easily prepare and execute tests and



Partnumber: 945815

Control Unit with 7" touch screen for treadmill

Controlling exercise manually



Partnumber: 945814

SpO2 for control unit with touch panel (extra long cable)

Oxygen saturation



Partnumber: 945822

Handrails, Side - Fixed for Valiant 2

Extra support for the test subject



Partnumber: 938810

Handrails, Side - Adjustable for Valiant 2

Safe and flexible handrails



Partnumber: 938811

Handrails, Side - Adjustable; Pediatric for Valiant 2 (yellow)

Making your treadmill suitable for children



Partnumber: 938812

Safety Belt and Fall stop for Valiant 2 - 60 cm

Extra safety



Partnumber: 938813

Handrail, Front - Pediatric for Valiant 2 - 60 cm

Versatile adjustability



Partnumber: 938818

Entrance plate for Valiant 2 - 60 cm

Even easier entrance to the treadmill



Partnumber: 938819

Colour Display 3.5" - 2nd screen

Multifunctionality



Partnumber: 945819

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Specifications

Workload		
Maximum speed	20 km/h	12.4 mph
Minimum operational speed	0.5 km/h	0.3 mph
Positive elevation	25 %	
Elevation adjustment steps	0.5 %	
Optional negative elevation	-10 %	
Accuracy		
Speed accuracy	5 %	
Accuracy inclination	0,5 %	
Comfort		
Allowed user weight	225 kg	496 lbs
Connectivity		
USB connector	✓	
RS232 in connector	✓	
Dimensions		
Screen resolution	320x240 pixels	
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
Product weight	200 kg	440.9 lbs
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	3000 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 13485:2016 compliant	✓	
ISO 9001:2015 compliant	✓	
Standard emergency lanyard	✓	

Certification	
CE class Im according to MDD93/42/EEC	✓
CE class of product with optional SpO2	IIa
CE class of product with optional BPM	IIa
CB according to IECEE CB	✓

Order info

Partnumber:	938905

**Specifications are subject to change without notice.*

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