Valiant 2 cpet

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 9001:2003, ISO 13485:2008 and FDA 510K 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

THE STANDARD IN ERGOMETRY

Valiant 2 cpet

Robust and reliable treadmill that can be controlled by external devices

Modern designed treadmill specifically designed for cardio-pulmonary exercise testing. It can be controlled by external ECG and pulmonary devices. The low step-up height makes the treadmill perfectly suitable for all test subjects in the field of cardiology 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 is 50 x 150 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

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.

THE STANDARD IN ERGOMETRY

Valiant 2 cpet

Robust and reliable treadmill that can be controlled by external devices

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

Colour display 3.5" - single display

Clear feedback

Partnumber: 945810

Control Unit with 7" touch screen for treadmill

Multifunctionality

Partnumber: 945814

Programmable Control Unit with 7" touch screen for Treadmill

Programmable

Partnumber: 945815

Colour Display 3.5" - 2nd screen

Multifunctionality

Partnumber: 945819

SpO2 for control unit with touch panel (treadmill)

Oxygen saturation

Partnumber: 945822

SpO2 for control unit with touch panel - ordered afterwards

Ordered afterwards

Partnumber: P945822

Blood Pressure Measurement with ECG trigger for treadmills

with ECG trigger

Partnumber: 945824

Heart rate for treadmills

Heart rate in beats per minute

Partnumber: 945820

Emergency Stop Button

Ultimate safety

Partnumber: 945804

Negative elevation - 10% for Valiant 2

Downhill running

Partnumber: 938805

Reverse Walking for Valiant 2

Simple switching between forward and

Partnumber: 938842

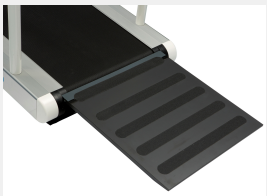
Autospeed

Flexibility in exercising

Partnumber: 945840

Entrance plate

Even easier entrance to the treadmill



Partnumber: 938809

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

THE STANDARD IN ERGOMETRY

Valiant 2 cpet

Robust and reliable treadmill that can be controlled by external devices

Specifications

Workload		
Maximum speed	20 km/h	12.4 mph
Minimum operational speed	0.5 km/h	0.3 mph
Speed adjustment steps	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
Connectivity		
USB connector	✓	
RS232 in connector	✓	
Dimensions		
Walking surface length	150 cm	59.1 inch
Walking surface width	50 cm	19.7 inch
Step up height	17 cm	6.7 inch
Product length (cm)	215 cm	84.6 inch
Product width (cm)	80 cm	31.5 inch
Product height	130 cm	51.2 inch
Product weight	149 kg	328.5 lbs
Power requirements		
Power cord length	250 cm	98.4 inch
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		
ISO 13485:2003 compliant	✓	
ISO 9001:2008 compliant	✓	
IEC 60601-1:2005	✓	
Standard emergency lanyard	✓	
Certification		
CE class Im according to MDD93/42/EEC	✓	
CTüVus according to NRTL	✓	
CB according to IECEE CB	✓	

Order info

Partnumber:	938900

**Specifications are subject to change without notice.*

Lode B.V.
Zernikepark 16
9747 AN Groningen
The Netherlands
Tel: +31 50 5712811
Fax: +31 50 5716746
E-mail: ask@lode.nl
Internet: www.lode.nl

THE STANDARD IN ERGOMETRY