Angio cpet - with automatic stand
Modern ergometer with multifunctional applications

Highlights

Easy to operate
For Lode products this means:
- easy to connect
- easy to move around
- easy user interface

Reliable and reproducible stress tests
The experience of professionals who calibrate many ergometers shows 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.

Additional features with PCU
Besides the possibility to program 24 protocols easily, this control unit offers the following features:
- better monitoring because of the additional and larger display
- a perfect combination with BPM
- possibility to measure SpO2

Multifunctional
The ergometer can be used for both arm and leg ergometry.

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.
Angio cpet - with automatic stand

Modern ergometer with multifunctional applications

With the stand for the Angio, the ergometer can move up and down over a range of 140cm. With the stand it is easier to move your arm Ergometry setting to another room, because it can stand free. For heavy use during arm-ergometry it is possible to fixate the stand to the wall with the supplied parts. Together with the automatic stand the Angio becomes an ergometric unit that can be used for both arm and leg Ergometry (this setting is standard supplied with handcurbles). Its compact design makes it universally applicable for ergometric studies in those sectors in which standard ergometry cannot be used. The Angio operates independent of pedaling speed in the range of 7 - 1000 watt. The Angio cpet is standard supplied with a communication module and can therefore be easily controlled by all known stress ECG and pulmonary devices in the world. The workload, rpm and time can be readout from the 3,5" colour display.

Features

Small adjustment steps
The workload of the Lode ergometers is adjustable in steps of only 1 watt. Depending on your wishes, the test operator or the test subject can adjust the workload. The steps of 1 watt are possible in the manual mode as well as within protocols.

Extreme low start-up load
The extreme low start-up load of 7 watts and the adjustability in small steps of 1 watt make this ergometer perfectly suitable for many different applications. The standard control unit shows multiple ergometry parameters and you can determine your specific default setting and start-up menu.

Accurate over a long period of time
The Lode ergometers are supplied with an electro-magnetic braking mechanism of Lanooy (eddy current). The biggest advantage of this braking system compared to a friction braking system is the absolute accuracy and the accuracy over time. Moreover, friction braking systems have more wearing parts.

LEM compatible
This product can be used with Lode Ergometry Manager (LEM) software to manage data and to apply specific protocols when a Communication card is present.

LCRM compatible
This product can be used with Lode Cardiac Rehabilitation Manager software (LCRM)

Customer specific display setting
Display settings are adjustable according to your specific requirements: each individual has its specific wishes about the parameters to be displayed. This can easily be adjusted with the Lode ergometers.

Versatile Interfacing
Various interface protocols guarantee perfect communication with all commonly known stress ECG and spirometry equipment.
### Angio cpet - with automatic stand

Modern ergometer with multifunctional applications

Angio cpet - with automatic stand can a.o be extended with the following options:

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
<th>Partnumber</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pedal shoes (pair)</td>
<td>Extra stability during cycling</td>
<td>917803</td>
</tr>
<tr>
<td>Pedal shoes pediatric (pair)</td>
<td>Pedal shoes for children</td>
<td>917833</td>
</tr>
<tr>
<td>Pedal shoes extra large (pair)</td>
<td>For large feet sizes</td>
<td>917834</td>
</tr>
<tr>
<td>USB to Serial converter</td>
<td>Easy connection</td>
<td>226012</td>
</tr>
<tr>
<td>Electric adjustable chair for arm ergometer</td>
<td>Comfortable seating position in front of the ergometer</td>
<td>917813</td>
</tr>
<tr>
<td>SpO2 for control unit with touch panel (extra long cable)</td>
<td>Oxygen saturation</td>
<td>945822</td>
</tr>
<tr>
<td>RS232 cable</td>
<td>Easy connection</td>
<td>930911</td>
</tr>
<tr>
<td>Control Unit with 7&quot; touch screen for ergometer</td>
<td>Multifunctionality</td>
<td>945834</td>
</tr>
<tr>
<td>Programmable Control Unit with 7&quot; Touchscreen for ergometer</td>
<td>Programmable</td>
<td>945835</td>
</tr>
<tr>
<td>SpO2 for control unit with touch panel - ordered afterwards</td>
<td>Ordered afterwards</td>
<td>P945822</td>
</tr>
<tr>
<td>Extra wide access for wheelchairs</td>
<td>Easy access</td>
<td>967805</td>
</tr>
<tr>
<td>Stabilisation leg for Angio with Automatic Stand</td>
<td>Optimal safety and stability</td>
<td>967815</td>
</tr>
<tr>
<td>Bluetooth Smart heart rate</td>
<td>Heart rate available within an extreme wide</td>
<td>945833</td>
</tr>
<tr>
<td>Adjustable cranks</td>
<td>Optimal force application</td>
<td>960804</td>
</tr>
<tr>
<td>Custom pack Power cable 100 - 127 V for ergometers</td>
<td>Easy connection</td>
<td>945892</td>
</tr>
</tbody>
</table>

*Image not applicable for text content.*
Angio cpet - with automatic stand

Modern ergometer with multifunctional applications

Specifications

Workload
Torque range 1-70 Nm
Minimum load 7 W
Maximum peak load 1000 W
Minimum load increments 1 W
Maximum continuous load 750 W
Hyperbolic workload control
Maximum rpm independent constant load 150 rpm
Minimum rpm independent constant load 30 rpm
Electromagnetic "eddy current" braking system
Dynamic calibration

Accuracy
Workload accuracy from 7 to 100 W 3 W
Workload accuracy from 100 to 500 W 3 %
Workload accuracy from 500 to 1000 W 5 %

Comfort
Adjustability range height 1400 mm

User Interface
Readout Distance
Readout RPM
Readout Heart rate
Readout target HR
Readout Energy
Readout Torque
Readout Time
Readout Power
Set Display
Set Resistance
Set P-Slope
Set Mode
Manual operation mode
Preset protocol operation mode
Terminal operation mode
External control unit
Selfdesigned protocol operation mode

Dimensions
Product length (cm) 84 cm 33.1 inch
Product width (cm) 82 cm 32.3 inch
Product height 223 cm 87.8 inch
Product weight 95 kg 209.4 lbs
Width between stand 67 cm

Power requirements
V AC 100 - 240 V
Phases 1
Frequency 50/60 Hz
Power consumption 250 W
Power cord IEC 60320 C13 with CEE 7/7 plug
Power cord NEMA

Standards & Safety
IEC 60601-1:2012
ISO 13485:2016 compliant
ISO 9001:2015 compliant

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

Order info
Partnumber: 967904

*Specifications are subject to change without notice.