Blood Pressure Measurement with ECG trigger for treadmills

with ECG trigger

This option enables accurate and reliable automatic blood pressure measurement during a treadmill stress test, not disturbed by motion artifacts. The blood pressure module can be integrated with all commonly known and available stress test ECG equipment using RS232 and ECG connections. This means that the BP measurement can be started from the ECG stress test system and the data can be automatically recorded on the printed patient report. Korotkoff sounds are measured during BPM and analyzed using 3D K-sound analysis. This option can only be ordered in combination with the (Programmable) control unit with touchscreen (945814/5). Note: in order to connect the BPM to the ECG system, always order the BPM custom pack belonging to the required ECG system additionally. The custom packs can be found under accessories.

Multifunctional
The treadmill can be used in various ergometry fields, like cardiology, pulmonary function, rehabilitation, sports medicine and physiotherapy, as a stand alone unit or controlled by other equipment.

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

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.

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

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

Original Accessory
Accessory designed and manufactured according to the Lode company quality standards

Programming protocols
The ergometer is standard equipped with preprogrammed protocols (treadmill or bicycle). It is possible to create 50 user defined protocols, including the preprogrammed protocols. The heart rate option provides the possibility to create additional heart rate controlled protocols.
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Specifications

Accuracy

<table>
<thead>
<tr>
<th>Measurement</th>
<th>Minimum</th>
<th>Maximum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum systolic measurement</td>
<td>50 mmHg</td>
<td></td>
</tr>
<tr>
<td>Maximum systolic measurement</td>
<td>250 mmHg</td>
<td></td>
</tr>
<tr>
<td>Minimum diastolic measurement</td>
<td>20 mmHg</td>
<td></td>
</tr>
<tr>
<td>Maximum diastolic measurement</td>
<td>150 mmHg</td>
<td></td>
</tr>
</tbody>
</table>

Order info

Partnumber: 945824

*Specifications are subject to change without notice.*