

In-bed active, passive and assistive cycling trainer  
for upper and lower extremities

# bemo



**THERA-soft®**  
connectable +

THERA-Trainer bemo	
Item no.	U001-500

● = Included ○ = Accessory

Name	Item no.	Included
Base unit bemo + T.assist	A006-878	●
Foot rests with leg stabilisation	A006-917	●
Hyperextension protection	A006-916	●
Control and display unit bemo 2.7" wireless connectivity	A005-242	●
Patient emergency stop	A006-882	●
Therapy grips	A001-420	●
Arm rests with bar-shaped grips	A002-757	●
Adapter for upper body training	A006-880	●
Accessory holders	A008-496	●
Arm support for tetraplegia	A004-241	○
Wristbands for arm rests with bar-shaped grips	A001-427	○
Wristbands for therapy grips/safety handle	A002-440	○
THERA-soft (Annual fee, first year included)	A006-630	○
Wireless receiver PC	A004-020	○
Tablet holder	A008-211	○
Extended warranty bemo	U009-500	○

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Product specifications	
<b>Product description</b>	THERA-Trainer bemo is a powered training device using cyclical movement actively and/or passively mobilizing the upper or lower extremities to redevelop muscles, restore motion to joints and improve the cardiovascular function.
<b>Special product features</b>	<ul style="list-style-type: none"> <li>- <b>T.assist:</b> The assistance system for safe therapy including two distance sensors, and audiovisual signal and optical positioning aid</li> <li>- <b>T.drive:</b> The safe and powerful drive technology for leg and upper body training without shearing points including tool-free plug-in system for accessories, automatic recognition of accessories and movement radius, 300 watt motor, harmonious rotation, passive speed limit of 100 rpm</li> <li>- <b>Short set-up time:</b> The electrical height adjustment via the control and display unit, together with T.assist and T.drive, enables training within a few seconds.</li> <li>- <b>Quick and easy cleaning:</b> Closed and flat surfaces for quick cleaning and disinfection.</li> <li>- <b>Great versatility:</b> Can be used in intensive care units, (early) rehabilitation, physiotherapy practices, dialysis etc. in a lying, semi-lying or sitting position</li> <li>- <b>Forward-looking treatment:</b> The THERA-Trainer bemo can be integrated into any complete solution at any point.</li> </ul>
<b>Place of use</b>	Suitable for use in enclosed spaces in facilities e.g. clinics, nursing homes, therapy practices
<b>Technical specification</b>	<ul style="list-style-type: none"> <li>- <b>Dimensions (L/W/H):</b> approx. 56.3 x 35.0 x 46.5 - 62.2 inch</li> <li>- <b>Weight:</b> approx. 191 lb</li> <li>- <b>Required floor space :</b> approx. 13.99 foot<sup>2</sup></li> <li>- <b>Bed widths:</b> up to 45.3 inch</li> <li>- <b>Electric motor:</b> brushless servo motor with a power limit of max. 300 watts (continuous braking power = 100 watts)</li> <li>- <b>Power connection:</b> 100-240 V, 50/60 Hz</li> <li>- <b>Protection class/degree of protection/protection category:</b> II/Typ BF/IP20</li> <li>- <b>Ambient conditions when in use:</b> Temperature: 41 °F to 104 °F, Relative humidity: 15% to 93% Rh, Air pressure: 700 hPa to 1060 hPa</li> <li>- <b>Noise emission:</b> &lt; 35 dB during active/passive training</li> <li>- <b>Service life:</b> 10 years</li> </ul>
<b>Compatibility</b>	THERA-soft
<b>Patient requirements</b>	<ul style="list-style-type: none"> <li>- <b>Patient's weight:</b> max. 396 lb</li> <li>- <b>Patient's height:</b> 47.2 - 78.7 inch</li> </ul>
<b>Delivery and commissioning</b>	<ul style="list-style-type: none"> <li>- <b>Transport and storage conditions:</b> Temperature: -13 °F to 158 °F Relative humidity: 5 % to 93 % Rh Air pressure: 700 hPa to 1060 hPa</li> <li>- <b>Commissioning:</b> by authorised specialists</li> </ul>
<b>Service/Maintenance</b>	<ul style="list-style-type: none"> <li>- <b>Service:</b> only by authorised service technicians</li> <li>- <b>Maintenance:</b> maintenance-free</li> <li>- <b>Technical inspection:</b> safety inspection every 24 months (manufacturer recommendation)</li> </ul>
<b>Registration</b>	Medical device class: I (USA) CE marking: CE0297 (monitored by certification body)