

Robotic-assisted in-bed cycling trainer for early mobilisation in intensive and acute care or dialysis

# bemo 636



**THERA-soft®**  
 connectable +

## THERA-Trainer bemo 636

|          |          |
|----------|----------|
| Item no. | A008-294 |
|----------|----------|

● = Included ○ = Optional

| Name                                               | Item no. | Equipment |
|----------------------------------------------------|----------|-----------|
| Base unit bemo incl. safety package                | A006-878 | ●         |
| Foot rests padded with leg support                 | A006-917 | ●         |
| Hyperextension protection                          | A006-916 | ●         |
| Control and display unit 2,7"                      | A005-242 | ●         |
| Adapters for upper body exercise                   | A006-880 | ○         |
| Therapy grips                                      | A001-420 | ○         |
| Arm support for tetraplegia                        | A004-241 | ○         |
| Arm support with bar-shaped grips incl. wristbands | A001-426 | ○         |
| Wristbands for therapy grips                       | A002-440 | ○         |
| Emergency stop                                     | A006-882 | ○         |
| THERA-soft                                         | A006-630 | ○         |
| Wireless receiver for PC                           | A004-020 | ○         |
| Tablet holder                                      | A008-211 | ○         |

## Robotic-assisted in-bed cycling trainer for early mobilisation in intensive and acute care or dialysis

# bemo 636

| Product specifications            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product description</b>        | <p>The THERA-Trainer bemo is a therapeutic device for circular passive, assistive or active movement of the upper and lower extremities. The transition from motor-supported passive to active therapy is seamless. The medical device can be used in a recumbent, semi-recumbent or sitting position.</p> <p>THERA-Trainer bemo can be wheeled from bed to bed and positioned individually for each patient over the bed using the electric portal height adjustment, requiring no patient transfer. The device can be quickly adapted to the patient and thus facilitates safe, easy and efficient therapy for early mobilisation.</p> <p>THERA-Trainer bemo is a powered training device, used in rehabilitation for the relief/treatment of mild to severe impairments of the movement-related functions.</p>                                                                                                                                                                                     |
| <b>General environment</b>        | Professional healthcare: Suitable for use in enclosed spaces in facilities (e.g., clinics, nursing homes, therapy practices, dialysis).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Technical specification</b>    | <ul style="list-style-type: none"> <li>- <b>Dimensions (LxWxH):</b> 89 x 143 x 118 - 158 cm (depending on height adjustment)</li> <li>- <b>Weight:</b> approx. 93 kg</li> <li>- <b>Required floor space:</b> 1.3 m<sup>2</sup> (requires less space when positioned over a bed or stored with multiple stacked bemos)</li> <li>- <b>Bed widths:</b> Up to 115 cm</li> <li>- <b>Electric motor:</b> Continuous power 125 W, max. motor power 300 W<br/>For a smooth transition from passive (1 to 100 rpm), assistive to active (up to 120 rpm)</li> <li>- <b>Power supply:</b> 100 V to 240 V, 50/60 Hz</li> <li>- <b>Protection class:</b> II</li> <li>- <b>Degree of protection:</b> Type BF medical device</li> <li>- <b>Ambient conditions when in use:</b><br/>Temperature: 5 °C to 40 °C<br/>Relative humidity: 15% to 93% Rh<br/>Air pressure: 700 hPa to 1060 hPa</li> <li>- <b>Sound emission:</b> &lt; 35 dB during active/passive training</li> <li>- <b>Lifetime:</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. 180 kg</li> <li>- <b>Patient's height:</b> 120 - 200 cm</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Delivery and commissioning</b> | <ul style="list-style-type: none"> <li>- <b>Packaging (LxWxH):</b> 148 x 100 x 134 cm</li> <li>- <b>Delivery:</b> Shipping pallets</li> <li>- <b>Transport and storage conditions:</b><br/>Temperature: -25 °C to 70 °C<br/>Relative humidity: 15 % to 93 % Rh<br/>Air pressure: 700 hPa to 1060 hPa</li> <li>- <b>Commissioning:</b> By authorised specialists</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Service and 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>               | <ul style="list-style-type: none"> <li>- <b>Medical device risk class:</b> IIa (EU)</li> <li>- <b>CE marking according to Regulation (EU) 2017/745 (MDR)</b></li> <li>- <b>Marketing authorisation and classification may differ outside the EU</b></li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |