

Mobilisation in early rehabilitation
and in the intensive care unit

bemo 618

THERA-soft®
connectable + 



New
T.drive
Safe and powerful drive
technology for leg and upper
body exercisers

● = Basic equipment, ○ = Additional equipment

THERA-Trainer bemo 618	
Item No.	A006-976

Name	Item No.	Equipment
Base unit	A006-877	●
Foot rests with adapter	A004-788	●
Control and display unit bemo 2.7" wireless	A005-242	●
Foot fixing	A001-777	○
Leg support	A007-560	○
Adapter for upper body training	A006-880	○
Therapy grips	A001-420	○
Tetra special grips	A004-241	○
Arm rests with bar-shaped grips	A002-757	○
Wristbands for arm rests with bar-shaped grips	A001-427	○
Arm rests with bar-shaped grips and wristbands	A001-426	○
Wristbands for therapy grips	A002-440	○
THERA-soft	A006-630	○
Wireless receiver for PC	A004-020	○
Patient emergency stop	A006-882	○

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Product specifications	
Product description/purpose	<p>The THERA-Trainer bemo is an externally powered therapy device for circular passive, assistive or active movement of the upper and lower extremities, including symmetry display and spasm detection. The therapy device helps to mobilise patients whose mobility is restricted after accidents, operations or general illnesses affecting the musculoskeletal system. The THERA-Trainer bemo is also used for mobilisation during dialysis.</p> <ul style="list-style-type: none"> - Training of the lower extremities in a recumbent or semi-recumbent position on a bed/couch - Training of the upper extremities in a recumbent, semi-recumbent or sitting position on a bed/couch, chair or wheelchair
Special product features	<ul style="list-style-type: none"> - T.drive: Safe and powerful drive technology for leg and upper body training without shearing points Including tool-free plug-in system for accessories, automatic accessory and range of movement detection, support technology for assistive and passive training, 300 watt motor, harmonic rotation, passive speed limit of 100 rpm. - Short set-up time Electric height adjustment using the control and display unit, together with T.drive and sensor-controlled distance detection, means training can start within minutes. - Quick and easy hygiene Closed and flat surfaces make cleaning/disinfecting quick and easy. - Great versatility Can be used in intensive care, early rehabilitation, rehabilitation, physiotherapy, dialysis, etc. in a recumbent, semi-recumbent or sitting position. - Forward-looking treatment The THERA-Trainer bemo can always be integrated into a THERA-Trainer complete solution.
Place of use	Closed rooms, e.g. clinics, care facilities, therapy practices, dialysis centres
Technical specification	<ul style="list-style-type: none"> - Dimensions (L/W/H): approx. 143/89/118-158 cm - Required floor space: approx. 1.3 m² - Weight: approx. 86.5 kg - Bed widths: up to 115 cm - Electric motor: brushless servo motor with maximum output limit of 300 watts Continuous output of braking force (active) = 100 watts Continuous output of drive power (passive) = 100 watts - Power connection: 100-240 V, 50/60 Hz - Protection class: II - Degree of protection: application part type BF - Protection category: IP20 - Ambient conditions for use: Temperature: 5 °C to 40 °C, Relative humidity: 15 % to 93 % Rh Air pressure: 700 hPa to 1060 hPa - Noise emission: < 35 dB during active/passive training - Operational life: 10 years
Compatibility	THERA-soft
Patient requirements	<ul style="list-style-type: none"> - Patient weight: max. 180 kg - Patient height: 120 - 200 cm
Delivery and commissioning	<ul style="list-style-type: none"> - Packaging (L/W/H): 148 cm x 100 cm x 134 cm - Delivery: palette by freight carrier - Ambient conditions for transport/delivery: Temperature: -25 °C to 70 °C Relative humidity: 15 % to 93 % Rh Air pressure: 700 hPa to 1060 hPa - Commissioning: by authorised specialists
Service/Maintenance	<ul style="list-style-type: none"> - Service: only by authorised service technicians - Maintenance: maintenance-free - Technical inspection: safety inspection every 24 months (manufacturer recommendation)
Registration	<p>Medical device in accordance with Article 1 (2a) of EC Directive 93/42/EEC Medical device class: IIa CE marking: CE0297</p>
Standards	Among others: EN ISO 10993-1, EN ISO 13485, EN ISO 14971, EN 60601-1, EN 60601-1-2, EN 62366-1