

# THERA-TRAINER BALO 524

The THERA-Trainer balo is a therapy device for safe dynamic exercise of balance (postural control). It is suitable for patients unable to stand, too and was designed for the daily use in clinics and therapy facilities as well as for use at home. It is in accordance to the most recent quality and safety standards.

## For plenty of users

The standing and balancing exerciser is suitable for patients with risk of falling as well as for wheelchair users and patients in vegetative state.

## Important therapy goals

- > strengthen pelvis and trunk stability
- > improvement of balance
- > mobility / regulation of tonus
- > activation of metabolism and cardio vascular system
- > improvement of breathing
- > psychological stabilization

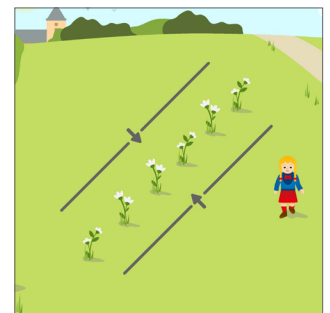
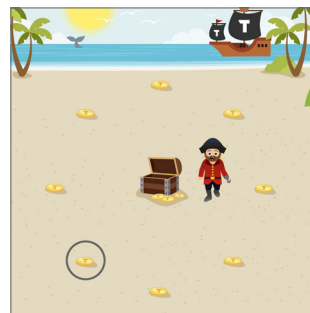


## Two exercisers in one



The balance unit of the THERA-Trainer balo is adjustable in multiple steps (0, 6 and 11 degrees movement). Thus the therapy device transforms from a static standing frame (0 degrees) into a dynamic balance trainer (6 and 11 degrees).

## Motivating software



The software THERA-soft SB offers evidence-based interventions which are diversified and motivating. The intuitive handling as well as the recording and documentation of all training data complete the software.

## Quality „Made in Germany“

»Made in Germany« is a synonym for highest quality, reliability and safety. Even when developing, we focus on internal quality checks. In our own test labs we conduct high-stress performances tests and safety checks. 95 % of our carefully selected suppliers have their headquarters in Germany, so »Made in Germany« applies here as well. To keep up with all your requirements, we thoroughly test the THERA-Trainers' suitability for daily use in medical facilities.

# Products specification

## Basic Equipment

<b>Base unit</b>	<ul style="list-style-type: none"> <li>- stable and durable metal construction</li> <li>- four lockable transport castors with a diameter of 7,5 cm (7 inch)</li> <li>- stable metal tread with a non-slip wear-resistant rubber mat incl. holes for a flexible fixation of the foot securing system</li> </ul>
<b>Tread extension</b>	<ul style="list-style-type: none"> <li>- tool-free connection to the base unit</li> <li>- stable metal stance with wear-resistant nonslip mat</li> </ul>
<b>Forefoot quick securing system</b>	<ul style="list-style-type: none"> <li>- can be placed on the tread variable without help of tools</li> <li>- forefoot can be secured with velcros</li> </ul>
<b>Quick securing system for heels</b>	<ul style="list-style-type: none"> <li>- can be placed on the tread variable without help of tools</li> <li>- heel can be secured with foamed shell</li> </ul>
<b>Balance-unit long with high spring resistance</b>	<ul style="list-style-type: none"> <li>- spring resistance can be adjusted without help of tools</li> <li>- releasing / blocking of the balance function with help of release handle</li> <li>- adjustable movement range: <ul style="list-style-type: none"> <li>&gt; Position 0: 0°</li> <li>&gt; Position 1: 6°</li> <li>&gt; Position 2: up to 11°</li> </ul> </li> </ul>
<b>Knee support set</b>	<ul style="list-style-type: none"> <li>- for safe guiding / securing of the knees</li> <li>- adjustable in height, abduction and horizontal distance without tools</li> <li>- demountable together / individually</li> <li>- easily washable and sanitizable</li> <li>- for knees with a width up to approx. 120 mm</li> </ul>
<b>Pelvic support set</b>	<ul style="list-style-type: none"> <li>- adjustable in height, abduction and distance without tools</li> <li>- pelvic support can be swung away for "easy entry" of the user</li> <li>- easily washable and sanitizable</li> <li>- for pelvis widths up to approx. 220 – 440 mm (8,66 – 17,32 inch)</li> </ul>
<b>Patient belt with bottom enlarged and leg straps, size L</b>	<ul style="list-style-type: none"> <li>- For an abdominal girth of ca. 104 - 130 cm</li> <li>- two removable, cushioned leg straps</li> <li>- two belt buckles for fastening to the electric lift</li> </ul>
<b>Table unit - table board (445 x 720 mm / 17,52 – 28,35 inch) with long vertical pipe</b>	<ul style="list-style-type: none"> <li>- table board made of laminated wood with extremely resistant finishing and cushioned body cutout</li> <li>- height adjustment of the table support by gas springs, which can be adjusted without tools separately for left and right side</li> <li>- easily washable and santizable</li> <li>- adaption to the stomach girth in horizontal steps of 43 mm (1,69 inch) with help of tools</li> </ul>
<b>Electric belt system</b>	<ul style="list-style-type: none"> <li>- for easy and comfortable verticalization / heavy weight users</li> <li>- operation of the lift with help of the remote control</li> <li>- can be adjusted in height without tools</li> <li>- can be removed completely with tools</li> <li>- incl. safety-stop-switch</li> </ul>
<b>Control and display unit with 23,6" colour screen incl. touch-function</b>	<ul style="list-style-type: none"> <li>- for the use of the THERA-soft SB basic</li> <li>- USB port to update the software easily</li> </ul>
<b>Mobile holder for control and display unit</b>	<ul style="list-style-type: none"> <li>- height adjustment of the table support by gas springs, which can be adjusted without tools</li> <li>- incl. place to store keyboard and mouse</li> <li>- four lockable castors</li> <li>- incl. holder for isolating transformer</li> </ul>
<b>Isolating transformer</b>	<ul style="list-style-type: none"> <li>- required for use of the control and display unit with 23,6" screen in direct patient surrounding (&lt; 1,5 m (&lt;59 inch) around the device (DIN EN 60601-1)</li> </ul>

<b>THERA-soft SB basic</b>	<ul style="list-style-type: none"> <li>- Different interventions/biofeedback illustrations can be chosen</li> <li>- Quick set-up of the training parameters (e. g. training time, level, range of movement)</li> <li>- Game modules in 2D view</li> <li>- incl. training recording, documentation and evaluation</li> </ul>
<b>Feedback sensor Type A</b>	<ul style="list-style-type: none"> <li>- Transmits inclination data of control and display unit via radio</li> <li>- Can be used for feedback controlled training</li> </ul>
<b>Bluetooth receiver for sensors</b>	<ul style="list-style-type: none"> <li>- Enables the communication between feedback sensor type A and the THERA-soft SB basic.</li> <li>- Applicable via USB interface</li> </ul>
<b>Feedback sensor fixing set</b>	<ul style="list-style-type: none"> <li>- For a tool-free mounting and removal of feedback sensor on the THERA-Trainer bala</li> </ul>
<b>USB Power supply for feedback sensor</b>	<ul style="list-style-type: none"> <li>- for power from 100 to 240 V (50/60 Hz)</li> <li>- to charge the feedback sensor</li> </ul>
<b>Miscellaneous</b>	Product lifetime = 10 years

## Equipment

<b>deliverable equipment</b>	Tread extension connection part, magnetic (A004-915); tread extension (A002-764); Tread extension mid part magnetic (A004-916); Tread extension ramp (A004-917); tread enhancement (A002-765); knee support set small (A002-433); knee support set wide (A002-347); center cushion for pelvic support set (A003-726); patient belt with bottom enlarged and leg straps, sizes S/M/L/XL (A002-352, A002-353, A002-354, A002-355); arm support cushion (A002-428); upper body support (A002-356); center cushion for upper body support (A002-357); USB power supply for feedback sensor (A003-980)
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## Technical Data

<b>Dimensions</b>	THERA-Trainer bala L x W x H = 118 cm x 78 cm x 95-125 cm L x W x H = 46,5 x 30,7 x 37,4 - 49,2 inch Mobile holder L x W x H = 108 cm x 121 cm x 134 - 175 cm
<b>Weight</b>	THERA-Trainer bala: approx. 91,42 kg - 202 pound Mobile holder (incl. computer) approx. 42,87 kg - 95 pound
<b>Power supply for electric belt system</b>	230 V~, 50-60 Hz
<b>Noise emission</b>	LpA < 45 dB (A)
<b>permitted patient height</b>	150 cm - 200 cm
<b>Suitable for users with max. weight of</b>	max. 140 kg
<b>medical product class</b>	I
<b>CE mark</b>	CE
<b>standards CE including:</b>	DIN EN 60601 - 1 DIN EN 60601 - 1 - 2 DIN EN 12182 DIN EN ISO 13485 MDD 93/42/EEC