

# THERA-TRAINER TIGO 632

The THERA-Trainer tigo is a therapy device especially for people with a physical impairment. The THERA-Trainer tigo was designed for daily use in facilities or at home and is developed according to the most recent quality and safety standards. Active (with muscle power), assisted or passive (with motor power) exercise is possible.

## For plenty of users

The THERA-Trainer tigo was developed for people with stroke, spinal cord injury, Multiple Sclerosis, Morbus-Parkinson, brain injuries, etc. By now the exercising device is successfully used by patients after joint replacement or other orthopaedic disease.

## Important therapy goals

- > activation of the cardio-vascular system
- > increasing of endurance
- > activation of metabolism
- > sustain and strengthen muscular power
- > sustain of mobility (contracture prophylaxis)
- > tonus regulation (spasticity)
- > psychological stabilisation

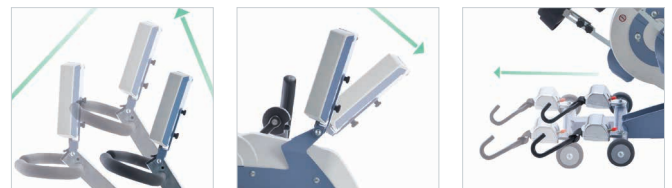


## Maximum Motivation



Three biofeedback illustrations animate the user to aim-orientated training. At the end of the training the success will be shown automatically on the control- and display unit with 7" colour screen.

## Ergonomic Allrounder



The most necessary adaptations can be done quickly and easily without tool at the THERA-Trainer tigo. Thus height and distance of the upper body exerciser or the radius can be adjusted individually to the body height.

## 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.

# Product specification

## Basic equipment

<b>Base Unit</b>	<ul style="list-style-type: none"><li>- high performance, long-lasting and extremely quiet</li><li>- robust and stable all-metal frame</li></ul>
<b>Device Base with transport castors</b>	<ul style="list-style-type: none"><li>- height of the device base incl. castors 75 mm</li><li>- extendible device base made of metal for expanding the base</li></ul>
<b>Foot rests with 2-stepped radius adjustment</b>	<ul style="list-style-type: none"><li>- with safety frame</li><li>- crank radius can be adjusted with tools to 75 mm or 110 mm</li><li>- washable and sanitizable</li></ul>
<b>Upper body exerciser</b>	<ul style="list-style-type: none"><li>- incl. long cranks (110 mm)</li><li>- upper body exerciser can be adjusted in height (91,5 - 100,5 cm) and inclination.</li><li>- Incl. holder for control and display unit adjustable in inclination</li></ul>
<b>Grip adapters</b>	<ul style="list-style-type: none"><li>- toolfree assembling to the upper body exerciser</li><li>- if the upper body exerciser is used as a safety handle during the leg exercise</li><li>- washable and sanitizable</li></ul>
<b>Therapy grips</b>	<ul style="list-style-type: none"><li>- with three ergonomic grip positions</li><li>- with quick-release, easy tool-free demountable</li><li>- washable and sanitizable</li></ul>
<b>Control- and display unit with 7" colour screen</b>	<ul style="list-style-type: none"><li>- high resolution colour screen with TFT-technology and large foil keypad</li><li>- screen size 155x86 mm</li><li>- can be adjusted in inclination for better readability (no reflection)</li><li>- voice-controlled safety stop</li><li>- START/STOP traffic light control</li><li>- Possible settings: Training time (1-180 min); direction of rotation (forwards/backwards) with soft start and stop; number of rotations motor (0-60 U/min); training resistance (steps 0-15); spasticity control (on/off)</li><li>- interfaces 2 x USB interface for software update; headphone socket</li></ul>
<b>Software package Cycling individual therapy for 7" colour screen</b>	<ul style="list-style-type: none"><li>- Training values that are always visible at one glance: Training time, Training resistance, active-performance, distance, direction of rotation,....</li><li>- Therapy programs: Neuro (resistance-controlled program); Goalkeeper (Adjustment of number of rotations); Group therapy (optional)</li><li>- Possible biofeedback illustrations: Passive (muscle tone before/after training)</li><li>- Training evaluation: Training time; total active performance; number of spasms; calory consumption; motor power begin/end</li></ul>
<b>Miscellaneous</b>	<ul style="list-style-type: none"><li>- Active muscle support: The electronic fly wheel provides a smooth and harmonic movement in case of one-sided or irregular active exercise. Even slowest remaining muscle power can be obtained resp. supported.</li><li>- Product lifetime at home = 7 years</li><li>- Product lifetime in facilities = 5 years</li></ul>

## Deliverable accessories

Wheel set (A001-493); Tip-up protection self-operated (A003-735); Foot fixings (A001-777); Leg support (A001-428); Wristbands for therapy grips/safety handle (A002-440); Arm rests for therapy grips (A003-724); Arm rests for tetraplegic (A004-241); Arm rest with bar-shaped grips incl. wristbands (A001-426); Software CL group therapy basic (A004-246); Software Upgrade CL group therapy advanced (A004-261); Mini-PC for software CL group therapy (A002-425)

## Technical Data

<b>Dimensions</b>	L x W x H = 90 / 63,8 / 106 – 116 cm
<b>Weight</b>	37 kg
<b>Power Supply</b>	230 V, 50/60 Hz 115 V, 50/60 Hz 100 V, 50/60 Hz
<b>Electric motor leg</b>	capacity = 240 Watt input = 130 VA normal rating = 80 Watt
<b>Electric motor upper body</b>	capacity = 100 Watt input = 130 VA normal rating = 80 Watt
<b>Noise Emission</b>	LpA < 70 dB (A)
<b>Permitted patient height</b>	120 cm - 200 cm
<b>Permitted patient weight</b>	120 kg
<b>Protection class</b>	class II / type BF / IP21
<b>Medical Product Class</b>	IIa
<b>CE identification</b>	CE 0297