

Therapy
of scoliosis

3D Decompression
table



Rehabilitation
tables

Therapy
tables

Kinesiotherapy
Helping through technology



CONTENTS

Kinesiotherapy	2	Ametyst	17
GraviSpine	3	Ostium	18
Platinum	5	SCH - 1 / SCH - 2	19
Granit	7	TNCH - 1 / TNCH - 2 / TNCH - 3	20
Topaz	8	MIRR 1	21
Beryl II	9	Manualex 2	22
Beryl	10	Manus	23
Onyks	11	Levitas 1 / Levitas 2 / Levitas 3	24
Opal	12		
Korund-E	13		
Azuryt II	14		
TF - 204	15		
Available Colors	16		

Contact:

 export@technomex.pl

 +48 32 401 03 50

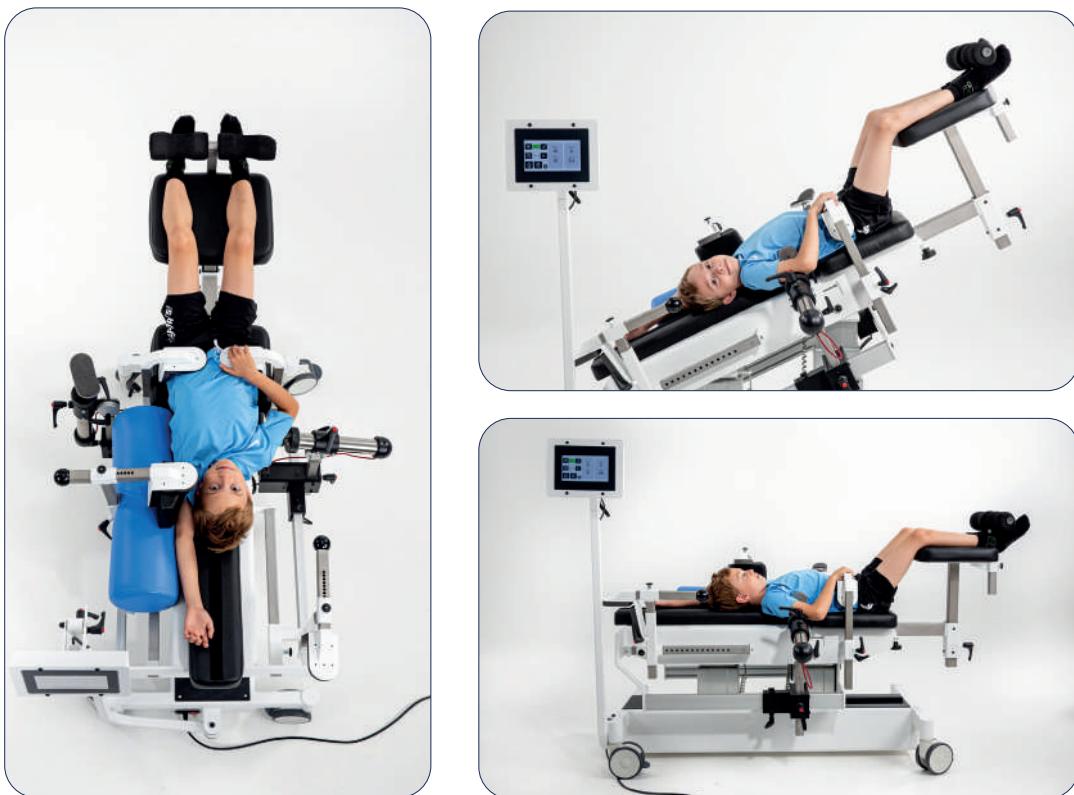
 technomex.eu

Kinesiotherapy is generally understood as therapy with movement. This type of treatment is used in a wide range of diseases: musculoskeletal, neurological, orthopedical and therapy of children and adults. Regular exercises with the use of kinesiotherapy equipment allows to increase the range of motion, strengthen muscles, reduce pain, prevent injuries and help recovering from surgery. The most necessary equipment is: therapeutic beds and couches, device for therapy in suspension, devices for training of muscles or gait reeducation. Based on many years of experience and knowledge, as well as constant striving to meet the requirements of customers and patients, we offer ergonomic and durable devices.





GraviSpine, is a state-of-the-art therapeutic device designed to revolutionize rehabilitation therapy of scoliosis for children and adolescence. GraviSpine is a key element of comprehensive care for patients with scoliosis. Developed and patented by Marek Kluszczynski MD, PhD, as result of his 25 years' experience. The Device is an optimal support therapists working according to SOSORT guidelines.



WHAT MAKES GRAVISPINE EFFICIENT?

Antigravity position:

- Individually adjusted table inclination angle allows the anti-gravity relief of the spine
- soft tissue relaxation and spinal joints decompression facilitates the lateral correction and derotation of the curvature of the spine
- favorable conditions for the correction of scoliosis without the use of high pressure

3D Scoliosis correction:

- horizontal position of the patient with pelvis fixation and trunk stabilization thanks to lateral counterparts (hip and shoulder) prevent spine compensation
- precise three-plane correction on the level of the apex of scoliosis
- applied force measurement allows to safely dosage the pressure

Breathing exercises with Biofeedback

- breathing exercises and autocorrection with visual biofeedback in real time to teach proper position and body awareness

By offering non-invasive, customized and highly accurate therapy, GraviSpine offers patients a cutting-edge, safe and effective treatment option that accelerates therapy, delivers consistent and long-lasting results.

GraviSpine is an innovative and effective solution for treating:

- children with risk of scoliosis
- idiopathic scoliosis of children and adolescents
- treatment of patients prepared for spine surgery
- pain management in adults with scoliosis
- patients with Scheuermann disease
- therapeutical element targeting functional asymmetry of the lower extremities

Proven outcomes: clinical studies and ongoing use in rehabilitation centers have demonstrated the significant change of ATR, Cobb angle, and functional length of lower limbs of patients using GraviSpine during therapy process.



2019

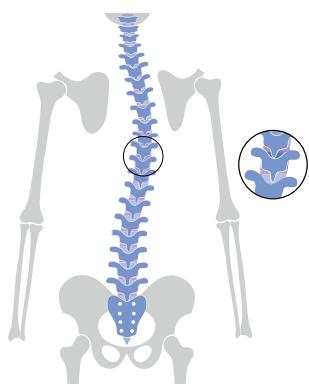
Th dex 25 deg. L sin 23 deg.



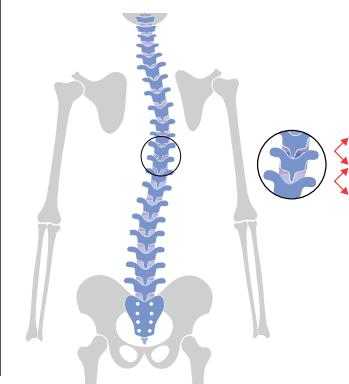
2021

Th dex 15 deg. L sin 12 deg.

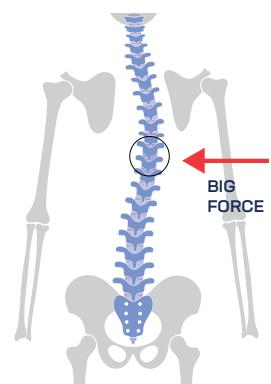
In standing position



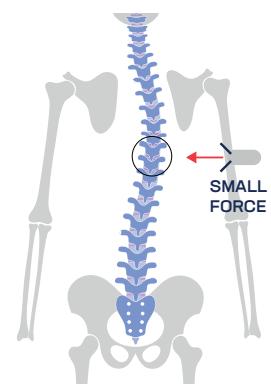
In anti-gravity position on GraviSpine



In standing position



In anti-gravity position on GraviSpine





3-D traction table

Effective traction table for cervical and lumbar spine decompression with three dimensional arrangement of laying surface. Platinum allows performing static, harmonic and intermittent traction. The Touch screen panel greatly simplifies the treatment process and the patient database allows for quick access to information about the progress in the therapy and previously used treatment parameters.



TECHNICAL FEATURES:

- three dimensional adjustment of the bed
- safe dosage of traction forces with preset maximum, and impassable values for each of the traction types
- performing the traction treatment in supine or prone position
- symmetrical and asymmetrical traction
- modern and efficient solution for cervical traction (no load on temporo-mandibular joints)
- lumbar part is electrically extended during traction, eliminating the friction force between the patient and table
- adjustable parameters: type of traction, force, time in which the force will be increased to the max value, escalation treatment time, duration of active phase and the time interval
- possibility to configure the sequence of traction phases during a single treatment
- possibility to save self-made treatment programs

CLINICAL APPLICATIONS:

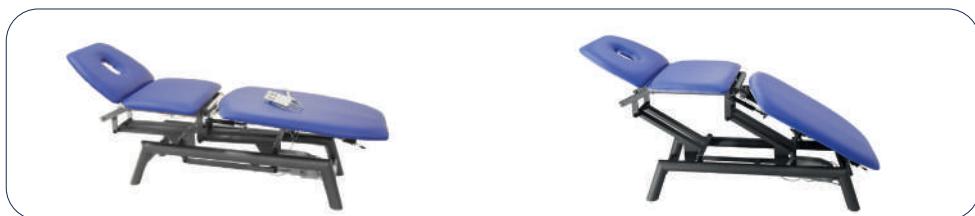
- prolapsed intervertebral disc (PID)
- intervertebral disc degeneration / disease
- reduced joint mobility (stiffness of soft tissue)
- hypermobility spondylitis (including blocking of zygapophysical joints)
- increased muscle tension
- nerve roots compression
- sciatica and shanks pain



Type of traction	static, harmonic, Intermittent
Maximum force of cervical traction	18 kg
Maximum force of lumbar traction	90 kg
Headrest adjustment	-44 ° to +36 °
Adjustment of the lumbar spine support in the sagittal plane (flexion / extension)	-14 ° to +22 °
Adjustment of the lumbar spine support in the coronal plane (lateral bending)	-20 ° to 20 °
Lumbar adjustment in the transvere plane rotation	-12 ° to +12 °
Maximum weight of patient	150 kg
Table height adjustment	580 - 880 mm
Dimensions (L x W)	2270 - 730 mm



3-section treatment table with three dimensional adjustment



FEATURES:

- three-sections table (central part, part for legs, headrest with a hole for the face)
- three dimensional adjustment (lateral flexion, horizontal flexion/extension and rotation)
- electric height adjustment with manual remote
- angle adjustable headrest (manually using gas spring)
- adjustment of leg part using gas springs
- upholstery in the selected colour palette
- powder coated frame - very resistant to scratches and bruises
- stable design - rugged steel frame

ADDITIONAL EQUIPMENT:

- three-sections headrest (armrests)
- plug for the face hole
- central wheels system with brakes
- paper roll holder (option for only one-piece headrest (no armrests))
- holders for stabilization belts
- foot remote control (foot switch)
- height adjustment system of the table by frame

TECHNICAL DATA:

- dimensions (L x W) [mm]: 2000 x 660
- height adjustment [mm]: 490 - 1020
- leg rest adjustment to sitting position (frontal plane) [°]: -35 / +84
- leg rest adjustment in sagittal plane [°]: -15 / +15
- leg rest adjustment in transverse plane [°]: -19 / +19
- headrest adjustment [°]: -33 / +60
- max weight of patient [kg]: 250



3-section treatment table with pivot position



FEATURES:

- a three-sections table (central part, part for legs, headrest with a hole for the face)
- electric height adjustment by manual remote
- angle adjustable headrest (manually using gas spring)
- adjustment of feet and central part using gas springs
- adjustment of the position of Pivot
- adjustment of the Trendelenburg position
- holders for stabilization belts
- upholstery resistant to disinfectants
- upholstery in the selected colour palette
- stable design - rugged steel frame
- powder coated frame - very resistant to scratches and bruises

ADDITIONAL EQUIPMENT:

- three-sections headrest (armrests)
- lymphatic arrests at the central part with level adjustment
- plug for the face hole
- central chassis system: wheels with brakes
- paper roll holder
- foot remote control
- convenient height adjustment system of the table with frame
- pommels (3 pieces with 3 adjustable positions)

TECHNICAL DATA:

- dimensions (L x W) [mm]: 1850 x 660
- height adjustment [mm]: 490 - 1050
- headrest adjustment [°]: -85 / +50
- central part adjustment for Pivot position [°]: 45
- leg rest adjustment to sitting position [°]: 55
- max weight of patient [kg]: 250



3-section treatment table



FEATURES:

- a three-sections table (central part, part for legs, headrest with a hole for the face)
- electric height adjustment by manual remote
- angle adjustable headrest (manually using gas spring)
- adjustment of leg part using gas springs
- stable design - rugged steel frame
- powder coated frame - very resistant to scratches and bruises
- upholstery resistant to disinfectants
- upholstery in the selected colour palette

ADDITIONAL EQUIPMENT:

- three-sections headrest (armrests)
- three-sections central part (armrest for lymphatic drainage) with level adjustment
- plug for the face hole
- central wheels system with brakes
- paper roll holder
- pommels (3 pieces with 3 adjustable positions)
- holders for stabilization belts
- foot remote control (foot switch)
- height adjustment system of the table by frame

TECHNICAL DATA:

- dimensions (L x W) [mm]: 2000 x 660
- height adjustment [mm]: 490 - 1020
- leg rest adjustment to sitting position (frontalplane) [°]: -30 / +60
- leg rest adjustment in sagittal plane [°] -25+/75
- max weight of patient [kg]: 250



3-section treatment table



FEATURES:

- a three-part table (central part, part for legs, headrest with a hole for the face)
- electric height adjustment by manual remote
- angle adjustable headrest (manually using gas spring)
- adjustment of leg part using gas springs
- stable design - rugged steel frame
- powder coated frame - very resistant to scratches and bruises
- upholstery resistant to disinfectants
- upholstery in the selected colour palette

ADDITIONAL EQUIPMENT:

- three-sections headrest (armrests)
- three-sections central part (armrest for lymphatic drainage with level adjustment)
- plug for the face hole
- central wheels system with brakes
- paper roll holder
- pommels (3 pieces with 3 adjustable positions)
- holders for stabilization belts
- foot remote control (foot switch)
- height adjustments system of the table by frame

TECHNICAL DATA:

- dimensions (L x W) [mm]: 1850 x 660
- height adjustment [mm]: 490 - 1050
- headrest adjustment [°]: -85 / +40
- leg rest adjustment to sitting position [°]: 90
- max weight of patient [kg]: 250



2-section treatment table with Tredelemburg position



FEATURES:

- a two-part table (central part and headrest with a hole for the face)
- electric height adjustment by manual remote
- angle adjustable headrest (manually using gas spring)
- adjustment to Tredelemburg position (by gas spring)
- stable design - rugged steel frame
- powder coated frame - very resistant to scratches and bruises
- upholstery resistant to disinfectants
- upholstery in the selected color palette

ADDITIONAL EQUIPMENT:

- three-sections headrest (armrests)
- three - sections central part (armrest for lymphatic drainage with level adjustment)
- plug for the face hole
- central wheels system with brakes
- paper roll holder
- pommels (3 pieces with 3 adjustable positions)
- holders for stabilization belts
- foot remote control (foot switch)
- height adjustment system of the table by frame

TECHNICAL DATA:

- dimensions [L x W] [mm]: 1850 x 660
- height adjustment [mm]: 470 - 1020
- headrest adjustment [°]: -85 / +35
- central part adjustment for Tredelemburg position [°]: 30
- max weight of patient [kg]: 250



2-section treatment table



FEATURES:

- a two-part table (central part headrest and with a hole for the face)
- electric height adjustment by manual remote
- angle adjustable headrest (manually using gas spring)
- stable design - rugged steel frame
- powder coated frame - highly resistant to scratches and bruises
- upholstery resistant to disinfectants
- upholstery in the selected colour palette

ADDITIONAL EQUIPMENT:

- three-sections headrest (armrests)
- three-sections central part (armrest for lymphatic drainage) with level adjustment
- plug for the face hole
- central wheels system with brakes
- paper roll holder
- pommels (3 pieces with 3 adjustable positions)
- holders for stabilization belts
- foot remote control (foot switch)
- height adjustment system of the table by frame

TECHNICAL DATA:

- dimensions (L x W) [mm]: 1850 x 660
- height adjustment [mm]: 440 - 1010
- headrest adjustment [°]: -85 / +40
- maximum load [kg]: 250

Korund - E

14.501.207

Treatment table for Bobath therapy

Scan to see product presentation



FEATURES:

- comfortable, wide and robust treatment surface ideal for therapy
- electric height adjustment by manual remote
- one-part plate
- stable design - rugged steel frame
- powder coated frame - very resistant to scratches and bruises
- upholstery resistant to disinfectants
- upholstery in the selected color palette

ADDITIONAL EQUIPMENT:

- headrest with adjustable angle
- central wheels system with brakes
- foot remote control (foot switch)
- frame-integrated height adjustment system

TECHNICAL DATA:

- dimensions (L x W) [mm]: 2000 x 1200
- height adjustment [mm]: 520 - 950
- headrest adjustment [°]: +30
- max weight of patient [kg]: 250



Tilting table with adjustable height



FEATURES:

- tilting table used for patients with long-term immobilization and for the treatment of severe spinal trauma
- two-part table (central part, feet support)
- electric tilt adjustment with manual remote control
- electric height adjustment with manual remote control
- stable design - rugged steel frame
- powder coated frame - very resistant to scratches and bruises
- upholstery resistant to disinfectants
- upholstery in the selected color palette

ADDITIONAL EQUIPMENT:

- foot remote control
- table (hand support) with height adjustment
- battery power pack

TECHNICAL DATA:

- dimensions (L x W) [mm]: 2050 x 750
- surface dimensions (L x W) [mm]: 2000 x 650
- height adjustment [mm]: 580 - 960
- surface angle adjustment [°]: up to 87
- max weight of patient [kg]: 250

TF - 204

14.501.102

Wooden treatment table for physical therapy

Scan to see product presentation



FEATURES:

- two-part table (central part, headrest with a hole for face and plug)
- angle adjustable headrest (manually in three positions from 0 to 35 [°])
- high quality wooden frame
- upholstery resistant to disinfectants
- upholstery in the selected color palette

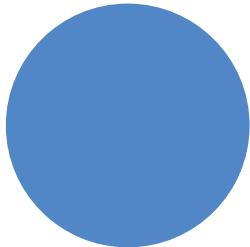
ADDITIONAL EQUIPMENT:

- paper roll holder
- shelf under the bed

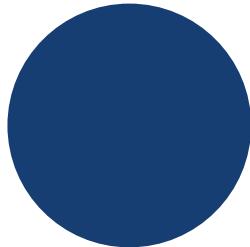
TECHNICAL DATA:

- dimensions (L x W) [mm]: 1870 x 660
- height [mm]: 700
- headrest adjustment [°]: 0-35
- max weight of patient [kg]: 250

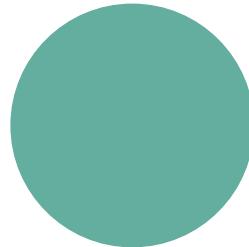
Available Colors



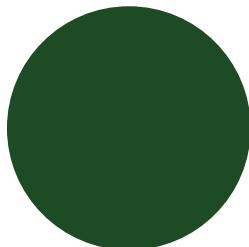
Light blue
25D



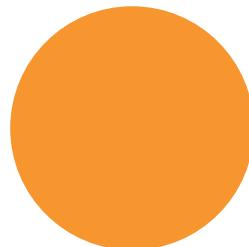
Navy blue
12D



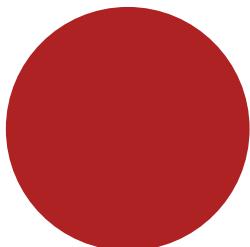
Green
8D



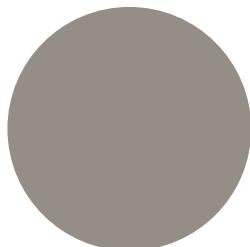
Dark green
6D



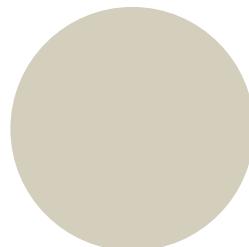
Orange
20D



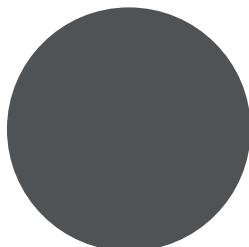
Red
15D



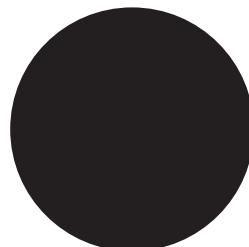
Light brown
11D



Beige
18D



Grey
22D



Black
1D



Rehabilitation bench

Rehabilitation bench AMETYST allows to perform active exercises of knee flexion and extension with resistance. Two heads with adjustable range of motion allow simultaneous improvement of both limbs. Bench has a stable steel frame. Backrest angle adjustment is done manually using a gas spring. In the front part of the bench there is a steel structure on where the proper load is placed. It is possible to choose the color of the upholstery - template available in the catalogue.



STANDARD EQUIPMENT:

- 1,25 kg - 2 pcs
- 1 kg - 2 pcs
- 0,5 kg - 2 pcs

TECHNICAL DATA:

- dimensions (L x W) [mm]: 1700 x 1000
- height [mm]: 720
- height with backrest [mm]: 1610
- backrest adjustment [°]: -20 / +90
- max weight of patient [kg]: 130



Dynamic unweighing device

OSTIUM is designed to unweight the patient (decrease load of weight) during rehabilitation exercises. It allows the patient to be unloaded in static or dynamic mode. Ostium can also be used for rehabilitation of posture and balance in patients with disorders of these functions. It prevents the patient from fall, but does not interfere with proprioceptive reflexes. The degree of unweighing can be reduced as rehabilitation progresses. The device consists of two independent modules for adjusting the patient to a safe height and the gum module to relieve the strain. Ostium is equipped with a wheels and brakes system for easy and safe training and transport.



TECHNICAL DATA:

- length - 1700 mm
- width - 1600 mm
- height - 2700 mm
- max weight of suspended patient [kg]: 136 kg

SCH-1 / SCH-2

15.501.104 / 15.501.105

Scan to see product presentation



Rehabilitation stairs

Rehabilitation stairs are used in physiotherapy for learning and re-education of gait - one of the most important elements of the rehabilitation of patients with dysfunctions of the lower limbs. They are used primarily in rehabilitation departments, physiotherapy, neurology and orthopaedics.

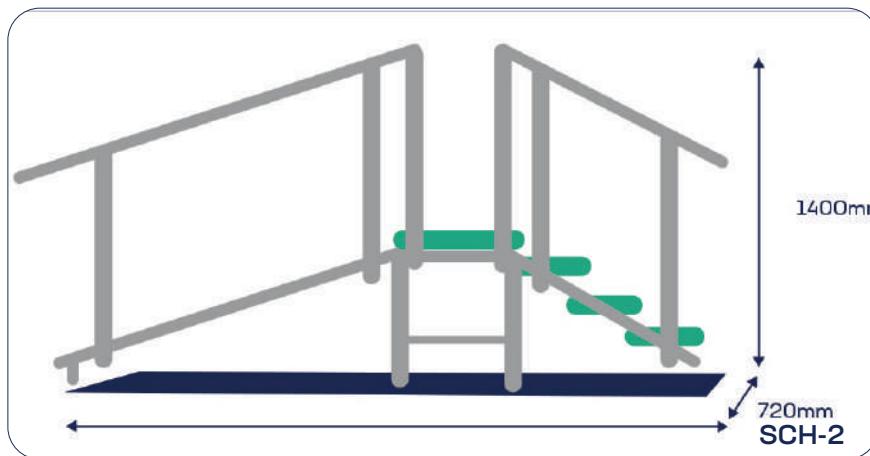
PURPOSES:

- education and re-education of gait
- training of gait with obstacles
- balance training
- training of coordination of gait
- endurance training
- education of riding in a wheelchair (SCH-2)



SCH-1

	SET	Handrails	Platform	Staircase 1	Staircase 2	Ramp
Length	2160	560+/-860	660	-	-	-
Width	720	-	660	660	660	160
Height	1400	800+/-200	660	150	660	660
Depth	-	-	-	300	300	200
Number of steps	-	-	-	5	3	3



There are handrails on both sides of the stairs and on both sides of the platform. The handrails are adjustable in height and width according to the height of the patient with easy-to-use screws.

TNCH - 1 / TNCH - 2 / TNCH - 3

15.501.101 / 15.501.102 / 15.501.103

Scan to see product presentation



Parallel bars (track) for gait re-education

Rehabilitation handrails are used in physiotherapy for learning and re-education of gait - one of the most important elements of the rehabilitation of patients with dysfunctions of the lower limbs. They are used primarily at rehabilitation departments, physiotherapy, neurology and orthopaedics.

AVAILABLE VERSIONS:

TNCH-1 (15.501.101) - handrails adjustable in height and width

TNCH-1 (15.501.102) - handrails adjustable in height and width zone of adjustable obstacles

TNCH-1 (15.501.103) - foldable handrails without base

	TNCH-1	TNCH-2	TNCH-3
Dimensions: L x W [mm]	3000x750	3000x750	3000x950
Height of obstacles [mm]	-	1:85, 2:125, 3:125, 4:205, 5:245	-
HANDRAILS			
Length [mm]	3000	3000	3000
Height adjustment [mm] Width	710-1040	710-1040	710-1040
Width adjustment [mm]	350-880	350-880	350-880
Space between obstacles [mm]	-	till 400	-



TNCH-1



TNCH-2



TNCH-3



Single corrective mirror

Mirror with posturographic net is designed to verify the correct posture of the patient. Mirror is equipped with a brake system chassis that provides full mobility of structure. It is used in hospitals, clinics, nursing homes as well as in private surgeries and cosmetic rehabilitation practices. The Grid is „carved” into the glass, which ensures its durability and resistance to abrasion. Mirror frame is made of steel to ensure high stability of the structure. The frame is powder coated providing high scratch durability to paint.



TECHNICAL DATA:

- surface of the mirror (H x W) [mm]: 1605 x 635
- dimensions (H x W) [mm]: 1950 x 675
- posturographic net dimensions [mm]: 100 x 100



Table for hand therapy

This device is designed for patients with manual limitations paralysis and irregularities of the hand occurred as a result of illnesses: rheumatic, neurological, orthopedic injuries, etc. The table may be used to perform active exercises of the hand, improving hand-eye coordination and precision of grip. MANUS set includes main unit with 3 customized tops and 4 therapeutic tables (TM2, TM8, TM9, TM9, TM11). Optionally, the content can be configured with other tables.

AVAILABLE VERSIONS OF TABLES:

- **TM1 (13.501.304)**

metal plate with threaded holes of different sizes for fastening screws with an Allen key

- **TM2 (13.501.305)**

wooden pegs of different sizes to be placed in holes

- **TM3 (13.501.306)**

metal plate with holes for placing metal balls

- **TM4 (13.501.307)**

Velcro rollers for hand mobilization

- **TM5 (13.501.308)**

washers and metal spacers of different sizes for application to the metal bars

- **TM6 (13.501.309)**

board to perform movements along a designated route

- **TM7 (13.501.310)**

table with metal handles to exercise fingers

- **TM8 (13.501.311)**

set for the functional rehabilitation of hand

- **TM9 (13.501.312)**

dowels of different sizes to be placed in the appropriate holes and links to interleave

- **TM10 (13.501.313)**

screws of various sizes to secure in the appropriate hole

- **TM11 (13.501.314)**

conical springs of varying resistance for screwing and unscrewing

- **TM12 (13.501.315)**

metal bars with wooden elements to move

- **TM13 (13.501.316)**

set that includes upper shoe, zippers and buckles

- **TM14 (13.501.317)**

set for finger exercises



TM1



TM2



TM3



TM4



TM5



TM6



TM7



TM8



TM9



TECHNICAL DATA:

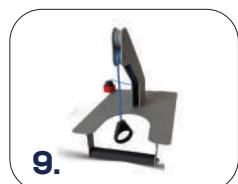
- dimensions [L x W x H] [mm]: 1150 x 780 x 1050
- weight [kg]: 120
- max load on the workshop [kg]: 40

Manualex 2

13.222.011

Multifunctional Table for Manual Hand Exercises with Biofeedback

Manualex 2 is a dual-station device designed for neurological, orthopedic, and geriatric hand rehabilitation. It improves joint mobility, dexterity, and muscular strength and endurance. Exercises also enhance proprioception within the hand, accelerate the restoration of impaired neuromuscular functions, and improve coordination between individual muscle groups.



FEATURES:

- adjustable starting angles in attachments for selected movements
- various planes of movement 11 different exercises dedicated to hand training
- guide rail system for connecting individual exercise modules
- dual weight stacks allowing two patients to exercise simultaneously
- innovative solution central resistance column integrated into the table
- fast and strong connection attachments connect to the column using magnets

TECHNICAL DATA:

- small tabletop size: 67x104 cm
- from 250 g to 2500 g per stack (10 levels)

EXERCISE STATIONS OVERVIEW:

- 1. cylindrical hand grip
- 2. palmar and dorsal wrist flexion
- 3. forearm pronation and supination
- 4. ulnar and radial wrist flexion
- 5. finger flexion in opposition to the thumb
- 6. pinch grip training
- 7. / 8. multi-finger grip - "Ball" / multi-finger grip - "Jar lid"
- 9. thumb opposition to fingers II - V
- 10. / 11. finger flexion / finger extension

BENEFITS:

- increased range of motion, strength, endurance, and muscular coordination
- improved hand-eye coordination and motor control of the hand
- therapeutic tasks focused on functional movement, strength, and precision training

Levitás 1 / Levitás 2 / Levitás 3

13.501.201 / 13.501.202 / 13.501.203

Scan to see product presentation



Suspension (Sling) therapy

Levitás is a unique device for therapy in suspension. This kind of treatment is used successfully to increase muscle strength, range of motion and fight pain.

LEVITAS ALLOWS TO WORK:

- against or without gravity (muscle strengthening of all patients - those with limited strength to professional athletes)
- axial and not axial (many levels of training intensity)
- on unstable ground (training of proprioception and coordination)
- ergonomic - therapist doesn't have to carry the weight of patient body and has easy access to the patient
- multifunctional - possibility to use elements of known modalities: MET, RI, core stability, traction etc.



FEATURES OF LEVITAS:

- precise suspension of the patient
- possibility of rapid change of patient
- precise regulation of suspension point and movement axis
- easy adjustment of the patient's pull-up system
- complete elimination of joint compression
- high stability of the construction
- full stabilization of the patient during exercises

VERSION PRO:

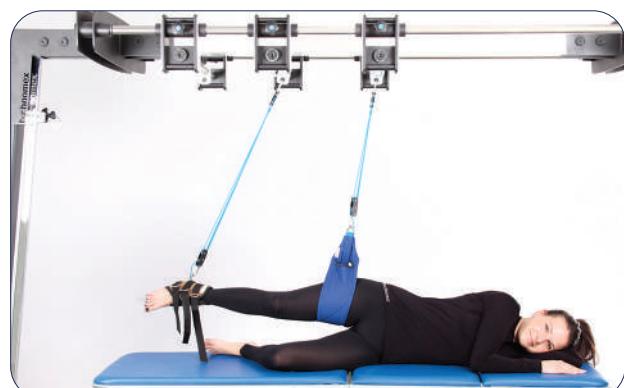
This version has a system of 2 longitudinal and 2 transverse trolleys and swing arm option. At the top it is equipped with a 12 suspension points 6 on the sides (with variable height) and at the bottom with small individual points for fixing cables and rifles on both sides of the base. Trolleys run on high-quality bearings, which ensures extremely smooth movement and enables you to perform exercises using the entire length of the rails and enrichment therapy on the device. By using a plurality of anchoring points for suspending accessories and swing arm it has wider range of treatment than other similar devices available on the market.



LEVITAS 1
FREE STANDING



LEVITAS 2
HANGING



LEVITAS 3
WALL MOUNTED



Type	LENGTH [mm]	Width [mm]	Height [mm]
Levitas 1	3230	1200	2110
Levitas 2	3100	1000	1750*
Levitas 3	2940	1200	2110

*It is possible to make both higher and lower units to fit into rooms with a minimum height of 2.3 meters

Let's go for a walk!

Are you looking for simple and efficient rehabilitation equipment?
Would you like to equip a rehab center with complete solution for physiotherapy?
Do you need some new idea to get more patients or simplify your daily work?

Take a short walk with us through a real rehabilitation center to see:



Website

If you want to find more information,
please visit our website by scanning
the qr code.



Helping through
technology

P_ +48 32 40 10 350
M_ export@technomex.pl
W_ technomex.eu

A_ PHU Technomex Sp. z o.o.
ul. Szparagowa 15,
44-141 Gliwice
POLAND

f facebook.com/technomex
i Instagram.com/technomex
▶ youtube.com/phutechnome



technomex.eu