

Product Overview

MOTomed® Innovations

- MotivationProgram MOTOmax
- Therapy Programs
- MOTomed letto2_leg/arm
- MOTomed viva2_duplex
- MOTomed viva2_Parkinson



2 arm/upper body trainer with leg trainer
available for viva2, viva1, gracile



1 MOTomed viva2 leg trainer
color screen, new software, therapy programs,
coordination programs
for physical and mental fitness

12 MOTomed basic models with more than 90 optional accessories and 13 different therapy programs



3 MOTomed viva2_Parkinson
up to 90rpm passive speed



4 MOTomed viva1
with remote control
nice and small



5 MOTomed stativ_viva2
exclusively for arm/upper
body training



6 MOTomed viva2_duplex
simultaneous arm and leg training
especially for high blood pressure
and diabetes mellitus



7 MOTomed viva2 incl. FES
especially for paraplegia
and stroke



8 MOTomed gracile12
height adjustable
for children



9 MOTomed gracile5-15
adjustable foot shell
distance: 5-15 cm / 2-6 in.
especially for very small
children



10 MOTomed letto2
movement therapy in supine
position with leg guides
»TrainCare comfort«



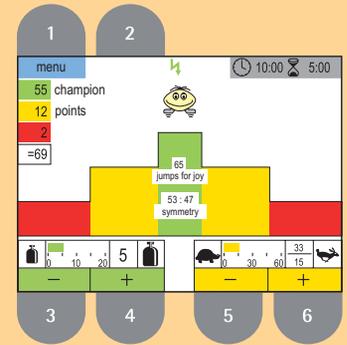
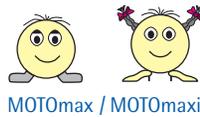
11 MOTomed letto2
from a therapy chair
during dialysis



12 MOTomed letto2_leg/arm
leg and arm/upper body trainer
can be used from three bed
sides

1 MotivationProgram MOTOmax (page 4, 14, 20)

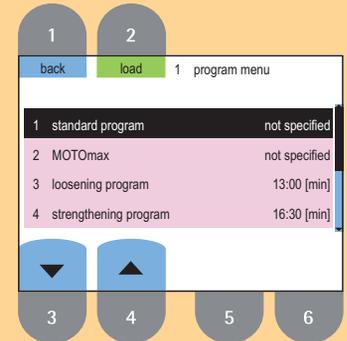
The new exciting MotivationProgram MOTOmax trains coordination, concentration and muscle strength simultaneously. The user's performance is rewarded with a smile, jumps for joy and champion points. >> [physical and mental fitness](#) for more motivation during the training



1 MotivationProgram MOTOmax

2 Therapy Programs (page 4, 14, 20)

Every person, especially every indication is individual. The new therapy programs allow for targeted support of the therapy progress: There is a choice of therapy programs suitable for different [indications and therapy goals](#). We are offering [13 programs as standard](#) that are all developed in accordance to aspects of sports sciences and physical therapy. The »[expert mode](#)« allows to edit preset programs and even to create new ones. >> [effective and individual](#)



2 Therapy Programs

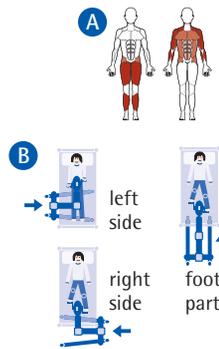
3 MOTOmed letto2_leg/arm (page 20, 21)

A unique MOTOmed option for patients confined to bed:

A For leg and arm/upper body training:

Whole body training in supine position: Movement therapy for leg and arm/upper body. The foot shells and handles can be switched within seconds without any tools.

B Can be used from 3 bedsizes: Enables an effective therapy independent from the size of the bed.



3 MOTOmed letto2_leg/arm

4 MOTOmed viva2_duplex (page 25)

Regulate the blood pressure in a natural way – [therapy for high blood pressure](#)

The MOTOmed viva2_duplex enables an [effective endurance and cardiovascular training](#). [Simultaneous leg and arm/upper body training](#) activates up to 80% of the skeletal muscles. This [whole body workout](#) positively affects the cardiovascular system and can help to regulate blood pressure, blood sugar and lipid values similar to medication treatment.



4 MOTOmed viva2_duplex

5 MOTOmed viva2_Parkinson (page 24)

USA scientist discovered that passive cycling at high cadence can [reduce Parkinson's symptoms](#) like tremor and rigor about more than 30%. According to these finding the new MOTOmed viva2_Parkinson has been developed in cooperation with the US scientists. Due to its special components the MOTOmed viva2_Parkinson is the only motor-assisted therapy device that allows a passive speed of up to 90 rounds per minute and features special therapy programs for Parkinson's patients. [That provides Parkinson's patients a simple option to benefit from »Forced Exercise« without any assistance.](#)



5 MOTOmed viva2_Parkinson

	page
MOTOmed Innovations	2
Contents / Main Accessories / Useful Information	3
MOTOmed viva2	
Basic Model	4-5
Recommended Configuration	5
MOTOmed viva1	
Basic Model	6
Recommended Configuration	6
Accessories MOTOmed viva2/viva1	
Accessories for the Leg Training	7-8
Accessories for the Arm/Upper Body Training	9-12
Accessories viva2/viva1	12-13
MOTOmed gracile – for Children and Small Adults	
Basic Model	14-15
Recommended Configuration	15
Accessories for the Leg Training	16
Accessories for the Arm/Upper Body Training	17-18
Accessories gracile12/gracile5-15	18-19
MOTOmed letto2 – in Supine Position	
Basic Model	20-21
Recommended Configuration	21
Accessories letto2 and letto2_leg/arm	22-23
Special models for Individual Applications	
MOTOmed viva2_Parkinson	24
MOTOmed viva2_duplex	25
MOTOmed stativ_viva2	25
MOTOmed stativ_viva1	25
MOTOmed Special Accessories	26-30
Retrofit Accessories	30
Experience and Expertise	30
Special Editions – Special Colors	31
Customer Service	32

	page
A	
Ankle joint control (item no. 534, 538, 577, 149, 169)	13, 16, 23
Arm/upper body trainer passive and active (item no. 250, 550, 599, 251)	9, 17, 24
C	
Chip card (item no. 204)	27
Chip card reader (item no. 203)	26
Coordination Program 4-Segment (item no. 202)	26
F	
Flat stand (item no. 540, 587)	13, 19
Forearm shells (item no. 552, 556, 367, 556K, 552K)	11, 17
H	
Hook grip (item no. 567, 567K)	10, 18
Handlebar with remote control rest (item no. 504)	8
Hand fixation with wrist cuffs (item no. 562, 562K)	11, 18
L	
Leg guides with calf shells (item no. 502, 302, 502K, 545, 168)	7, 8, 18, 22
P	
Pedal radius quick adjustment (item no. 507, 507A, 588, 588A)	7, 10, 16, 18
Pulse control Cardio16 (item no. 275, 276)	26
S	
Self-operating foot holders (item no. 506, 598)	7, 16, 23
Safety foot shells (item no. 501, 152, 158, 501K, 152K, 585, 586)	7, 8, 16, 18, 19
T	
Tetra handles (item no. 555, 244, 555K)	10, 17
Training Analysis Program MOTOmed sam2 (item no. 230, 230P)	26
V	
Vertical handles with hand rests (item no. 557, 563, 557K)	10, 17
W	
Wheelchair stabilizer (item no. 8, 8K)	12, 19

Useful Information ...

The **descriptions of the basic models** and the **recommended configurations** shall help you to find the movement therapy device suitable for your individual needs.

These guidelines for accessory selection are to assist you in choosing the **most suitable accessories** for your individual requirements. If you have any questions, please call us or send us an e-mail to info@motomed.com (please see back page for full contact information).

In case of special requirements, additional **special accessories** are available or we can **adapt our products** to your needs. Please contact us with any special requirements.

MOTomed viva2

MOTomed Movement Therapy: passive | motor-assisted | active resistive

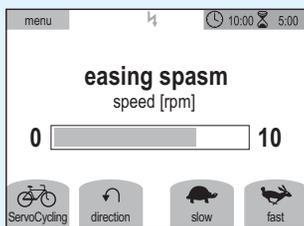
Basic model:

MOTomed viva2 with large user friendly operating panel, safety foot shells and handlebar.

item no. 200



operating panel with large, palpable buttons and color screen



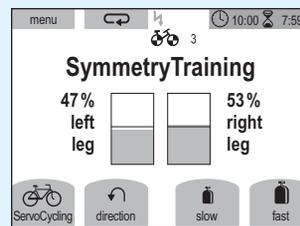
MovementProtector & SpasmControl

The safety software monitors the muscle tone during the training, detects and eases spasms according to the therapeutic principle of the antagonistic inhibition.



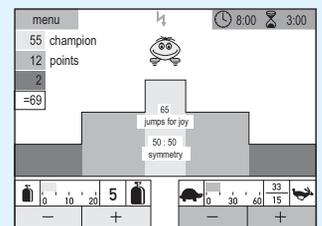
ServoCycling & active training

ServoCycling (motor-assisted training) allows users to build up residual muscle strength. The resistance levels can be finely adjusted in 20 gears, depending on the individual fitness level.



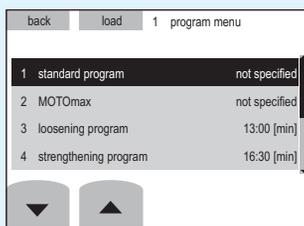
SymmetryTraining

Graphic analysis of right and left leg or arm activity during the active training. Muscle strength, endurance, coordination and concentration are trained simultaneously.



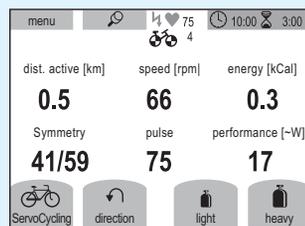
MotivationProgram MOTOmax

The new exciting MotivationProgram MOTOmax increases motivation and fun. Muscle strength, coordination and concentration are trained simultaneously. You are rewarded with a smile, jumps for joy and champion points.



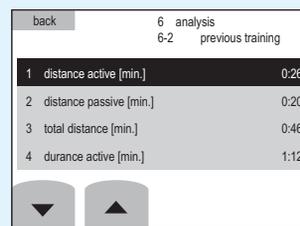
Therapy programs

There are 13 therapy programs available as standard, sorted by indication, therapy goals and specialty fields. Programs can be edited according to the individual condition and fitness level.



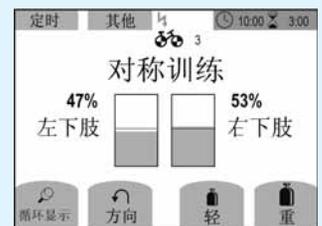
Detailed Biofeedback

Simple, large and clear view of the main training values. This enables the user to monitor the progress of the training and therefore to optimize the individual benefits.



Training analysis after the training

Up to 30 significant training results are automatically saved and displayed after the training. Additionally there is a training summary of all training sessions.



Language option – 27 different languages

There are 23 literary and 4 picture languages: Arabic, Chinese, Croatian, Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hungarian, Icelandic, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Romanian, Russian, Slovakian, Slovenian, Spanish, Swedish, Turkish, Serbian.

Accessories MOTomed viva2 see page 7-13 and 26-31

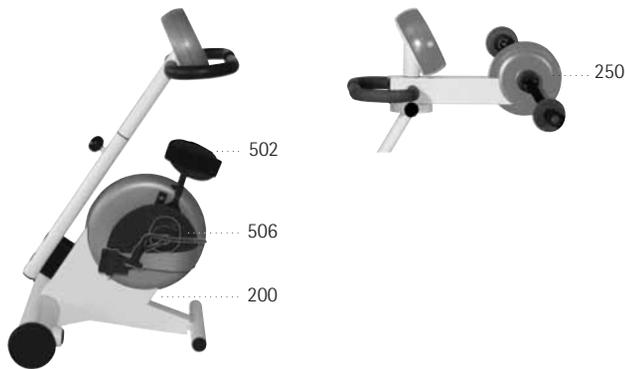


The MOTomed viva2 complies with the European guidelines 93/42/EWG (appendix II).

Further standard features:

- MOTOmed SmoothDriveSystem
- passive speed from 0 to 60 rpm
- motor power adjustable in levels from 1 to 10
- therapy time preset from 0 to 120 minutes
- insertion aid with safety stop
- gentle start and stop
- automatic self-test system
- two-stage pedal radius adjustment (7 and 12.5 cm / 2.8 and 4.9 in.)
- mobile with large castors (diameter 13 cm / 5.1 in)
- whisper quiet, gentle and harmonious motion
- all-metal design, top quality and stability
- telescopic foot for high stability

Recommended accessories:



		basic configuration		comfort configuration	
		leg trainer	leg + arm trainer	leg trainer	leg + arm trainer
200	MOTOmed viva 2 ▪ incl. safety foot shells and handlebar ▪ incl. operating panel with large, user friendly color screen and large, palpable buttons	●	●	●	●
502	Leg guides with calf shells (pair)	●	●	●	●
250	Arm/upper body trainer, passive and active		●		●
202	4-Segment-CoordinationProgram			●	●
275	»Pulse Control Cardio16« incl. pulse measure with ear clip			●	●
230	Training Analysis Program MOTOmed sam2 incl. chip card system			●	●
506	Self-operating foot holders (pair)			●	●



Hint: Contact us for further information about individual configurations according to your personal indication.

MOTOmed viva1

MOTOmed Movement Therapy: passive | motor-assisted | active resistive

Basic model:

MOTOmed viva1
incl. safety foot shells

item no.
500+501



Let the MOTOmed move your arms or legs or pedal by yourself.

Ideal for pleasant daily movement therapy at home.



The MOTOmed viva1 complies with the European guidelines 93/42/EWG (appendix II).

- MOTOmed SmoothDriveSystem
- MOTOmed MovementProtector
- SpasmControl with automatic change of direction
- »ServoCycling« for training residual muscle strength
- active training with resistance levels from 1 to 12
- SymmetryTraining for the leg trainer
- passive speed from 0 to 60 rpm
- motor power adjustable from 1 to 15 Nm
- therapy time preset from 0 to 120 minutes
- insertion aid with safety stop
- gentle start and stop
- display of training data
- automatic self-test system
- remote control with display
(see figure on the right, size of the display:
65 x 12.5 mm / 5.6 x 4.9 in.)
- two-stage pedal radius adjustment
(7 and 12.5 cm / 2.8 and 4.9 in.)
- mobile with large castors
(diameter: 13 cm / 5.1 in.)
- whisper-quiet, gentle and harmonious motion
- all-metal design, top quality and stability
- telescopic foot for high stability

Accessories for MOTOmed viva1
see page 7-13 and 26-31



Recommended accessories for basic use:

	leg trainer	leg + arm trainer
500 MOTOmed viva1 + incl. features ServoCycling, MovementProtector, SpasmControl, Training Analysis, foot insertion aid and SymmetryTraining for the leg trainer	●	●
501 Safety foot shells	●	●
502 Leg guides with calf shells (pair)	●	●
504 Handlebar incl. remote control rest (supporting module included)	●	
550 Arm/upper body trainer passive and active		●

item no. description / features

viva 2
viva 1

incl. in the base price



- 501 Safety foot shells (pair, incl. pedal crank)**
- metal-built foot shells, extra stable
 - comfortably padded, warm, and with slip-proof
 - large safety side panel to cover the pedal crank
 - feet can be fastened by fleecy straps around the ankle (toe straps available upon request)
 - foot shell width: 12.5 cm / 5 in., length: 24.3 cm / 9.7 in.
 - pedal radius can be adjusted in two levels, 7 and 12.5 cm / 2.8 and 4.9 in.

•



- 502 Leg guides with calf shells (pair)**
- guide the legs and hold them safely
 - spring-mounted calf shells fit comfortably around the calves
 - fleecy straps for comfortable fastening
 - flexibly mounted and height adjustable (9 to 16 cm / 3.6 to 6.3 in.)

• •



- 302 Leg guides with calf shells, foldable lower part (pair)**
- lower part of the leg guide can be folded down
- please see item no. 502 for detailed description

• •



- 503 Leg guides with plastic calf shells, large (pair)**
- large supporting piece
 - spring mounted calf shells
 - fleecy straps for comfortable fastening
 - flexibly mounted and height adjustable (9 to 16 cm / 3.6 to 6.3 in.)

• •



- 506 Self-operating foot holders (pair)**
- soft foam rollers fix the feet gently and securely
 - safety lock for a firm hold even during strong spasms
 - for inserting and removing feet quickly and easily without any extra help

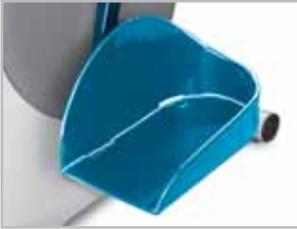
• •



- 507 Pedal radius quick adjustment (pair)**
507N Retrofit kit: pedal radius quick adjustment
- for exact adjustment of the pedal radius
 - adjustable in 4 levels (5 / 7.5 / 10 / 12.5 cm, 2 / 3 / 4 / 5 in.)
 - recommended for patients with joint stiffness (contractures) and spasms

• •
• •

item no. description / features

		viva 2	viva 1
	<p>504 Handlebar with remote control rest (incl. supporting module)</p> <p>504N Retrofit kit: handlebar with remote control rest</p> <ul style="list-style-type: none"> ▪ for holding on to during training ▪ for simple moving of the MOTOmed ▪ individually and ergonomically adjustable without tools ▪ with integrated, easily accessible remote control rest (already included in item no. 550) 	incl. in the base price	•
	<p>505 Remote control rest (incl. supporting module)</p> <p>505N Retrofit kit: remote control rest</p> <ul style="list-style-type: none"> ▪ the remote control can be collected and deposited easily ▪ for an easy access to the remote control during the training (already included in item no. 504 and 550) 		•
	<p>152 Plastic coated safety foot shells (pair, incl. pedal crank)</p> <ul style="list-style-type: none"> ▪ recommended for clinical use ▪ for better cleaning and disinfection ▪ stable metal built foot shells, completely coated with soft plastic ▪ extra high safety side panel to cover the pedal crank ▪ fleecy straps for comfortable fastening ▪ pedal radius can be adjusted in two levels, 7 and 12.5 cm / 2.8 and 4.9 in. 		•
	<p>158 Plastic safety foot shells (pair, incl. pedal crank)</p> <ul style="list-style-type: none"> ▪ made of plastic, with a stable metal suspension ▪ extra high safety side panel to cover the pedal crank ▪ for better cleaning and disinfection ▪ fleecy straps for comfortable fastening ▪ pedal radius can be adjusted in two levels, 7 and 12.5 cm / 2.8 and 4.9 in. <p>(cannot be combined with item no. 556 and 568)</p>		•
	<p>501K Pediatric safety foot shells (pair, incl. pedal crank)</p> <ul style="list-style-type: none"> ▪ metal built foot shells, extra stable ▪ comfortably padded and slip-proof ▪ fleecy straps for comfortable fastening ▪ foot shell width: 9.5 cm / 3.8 in., length: 21.4 cm / 8.4 in. ▪ pedal radius can be adjusted in two levels, 7 and 12.5 cm / 2.8 and 4.9 in. ▪ without side panel 		•
	<p>502K Pediatric leg guides with calf shells (pair)</p> <ul style="list-style-type: none"> ▪ guide the legs and hold them safely ▪ spring-mounted calf shells fit comfortably around the calves ▪ fleecy straps for comfortable fastening ▪ flexibly mounted and height adjustable (8.5 to 13 cm / 3.4 to 5.1 in.) 		•

item no. description / features



- 250 Arm/upper body trainer, passive and active**
(instead of basic handlebar)
- 250N Retrofit kit: arm/upper body trainer, passive and active**
(incl. telescopic front leg)
- Special feature:** can be swiveled in and out of the training area: provides most convenient leg room during arm training and can be swiveled to the back for comfortable leg training.
- incl. swiveling handlebar for leg training
 - for active and passive training of the arm, shoulder and back muscles
 - incl. SymmetryTraining and MotivationProgram MOTOmax
 - designed for high stability (telescopic foot)
 - ideal training height can be adjusted without tools



- 550 Arm/upper body trainer, passive and active**
- 550N Retrofit kit: arm/upper body trainer, passive and active**
(incl. telescopic front leg)
- Special feature:** can be swiveled in and out of the training area: provides most convenient leg room during arm training and can be swiveled to the back for comfortable leg training.
- incl. supporting module, remote control rest and swiveling handlebar for leg training
 - for active and passive training of the arm, shoulder and back muscles
 - high stability (telescopic foot)
 - ideal training height can be adjusted without tools
(item no. 504 and 505 are already included)



- 218 Arm/upper body trainer, active**
(instead of basic handlebar)
- 218N Retrofit kit: arm/upper body trainer, active**
(incl. telescopic front leg)
- incl. swiveling handlebar for leg training
 - for active training of arm, shoulder and back muscles
 - manually adjustable mechanic resistance levels
 - can be swiveled in and out of the training area
 - setting the ideal training height without any tools
 - Attention: no connection to the MOTomed viva2 display and no feedback available



- 518 Arm/upper body trainer, active**
- 518N Retrofit kit: arm/upper body trainer, active**
(incl. telescopic front leg)
- incl. supporting module, remote control rest and swiveling handlebar for leg training
 - for active training of the arm, shoulder and back muscles
 - manually adjustable mechanic resistance levels
 - can be swiveled in and out of the training area
 - ideal training height can be adjusted without tools
(item no. 504 and 505 are already included)



item no. description / features

viva 2
viva 1



- 507A Pedal radius quick adjustment (arm training)**
- for exact adjustment of the pedal radius
 - adjustable in 4 levels (5 / 7.5 / 10 / 12.5 cm, 2 / 3 / 4 / 5 in.)
 - recommended for patients with joint stiffness (contractures) and spasms

• •



- 554 Synchronized arm/upper body training with quick switch to the standard option**
- both arms are bent or stretched synchronically (same principle as with hand bikes)
 - quick change to standard pedals without tools
- (cannot be combined with item no. 507A; no correct feedback of the SymmetryTraining, 4-Segment CoordinationProgram, MotivationProgram MOTOmax, and analysis)

• •



- 555 Tetra handles (pair)**
- for simple positioning and fixation of the arms without assistance
 - flexible adjustment of the wrist support
 - particularly suitable for quadriplegics and for stroke patients (handles similar to hand bikes)

• •



- 244 Tetra double handles (pair)**
- additional stability by double handles
- see item no. 555 for detailed description

• •



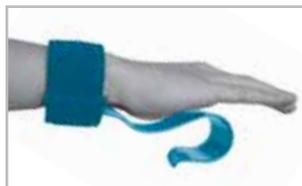
- 557 Vertical handles with hand rests (pair)**
- for users who can hold themselves moderately
 - slip-proof coating

• •



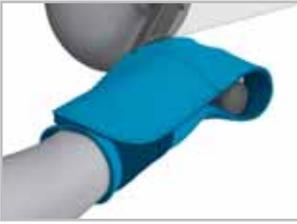
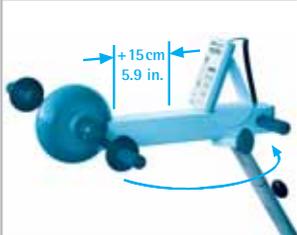
- 563 Tilting vertical handles with hand rests (pair)**
- flexible to the right and to the left
- see item no. 557 for detailed description

• •



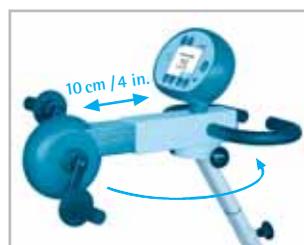
- 567 Hook grip (piece)**
- simple and quick fixation of the paralyzed (weak) hand to the arm trainer or to the handlebar
 - recommended for users with restricted grasp function

• •

		MOTomed	
item no.	description / features	viva2	viva1
	<p>562 Hand fixation with wrist cuffs (piece)</p> <ul style="list-style-type: none"> ▪ simple and quick fixation of the paralyzed (weak) hand to the arm trainer, the handlebar or to various hand grips ▪ recommended for users with limited grasp function 	●	●
	<p>552 Forearm shells with hand rests (pair)</p> <ul style="list-style-type: none"> ▪ ergonomically designed, with soft padding ▪ laterally movable in order to adjust to the natural movement of the forearm ▪ standard order includes ball-shaped hand rests (item no. 558), alternatively also another grip from the grip range (see below, item no. 559 or 560) can be selected and attached free of charge 	●	●
	<p>556 Forearm shells with arm cuffs (pair)</p> <ul style="list-style-type: none"> ▪ ergonomically designed, with soft padding ▪ firmly fasten and guide the arms, suitable for strong paralysis, with padded arm cuffs ▪ laterally movable in order to adjust to the natural movement of the forearm ▪ various sizes available (S-small, M-medium, L-large, XL-extra large, please indicate the size with your order) ▪ standard order includes cross grip (item no. 560), alternatively another grip from the grip range (see below, item no. 558 or 559) can be selected and attached free of charge 	●	●
	<p>367 Forearm shells for finger spreading (pair)</p> <ul style="list-style-type: none"> ▪ designed for firm fixation of the wrist and forearm ▪ fingers and thumbs are fixed ▪ supports finger spreading ▪ made out of plastic for better disinfection ▪ recommended for users with high muscle tone and paralyzed hand or fingers ▪ available sizes: S= small, M=medium, L=large; please indicate the size with your order (e.g. 367 size M) 	●	●
	<p>Grip range for forearm shells 552 and 556</p> <ul style="list-style-type: none"> ▪ All grips are adjustable 		
	<p>558 Ball-shaped hand rests (pair)</p> <ul style="list-style-type: none"> ▪ designed for supporting hands or fingers 	●	●
	<p>559 Vertical hand grips (pair)</p> <ul style="list-style-type: none"> ▪ for vertical hand position 	●	●
	<p>560 Cross hand grip, standard (pair)</p> <ul style="list-style-type: none"> ▪ for horizontal hand position 	●	●
	<p>561 Horizontally extended and swiveling arm/upper body trainer, small front leg included, extended in width and length</p> <ul style="list-style-type: none"> ▪ 15 cm / 5.9 in. extended arm trainer ▪ suitable for users with large wheelchairs and wheelchairs with a rigid foot board ▪ can be swiveled in and out of the training area ▪ handlebar for leg training included 	●	●

item no. description / features

viva 2
viva 1



- 564 Telescopic and swiveling arm/upper body trainer, small front leg included, extended in width and length**
- can be adjusted in length (10 cm / 4 in.) towards the user, no tools required
 - enables to train the arms actively during regular leg training
 - can be swiveled in and out of the training area
 - handlebar for leg training included

• •



- 565 Telescopic arm/upper body trainer**
- can be adjusted (cannot be swiveled) in length (10 cm / 4 in.) towards the user, no tools required
 - enables the patient to train the arms actively during regular leg training

• •

MOTomed viva 2 / viva 1 – Accessories



- 8 Wheelchair stabilizer**
- recommended for strong spasms
 - supports the wheelchair: no tilting or sliding backwards
 - for all common wheelchairs
 - with padded covering for the wheelchair grips

• •



- 308 Belt stabilizer comfort**
308N Retrofit kit: belt stabilizer comfort incl. telescopic front leg
- incl. releasing aid
 - can easily be affixed from the wheelchair
 - no assistance necessary
 - suitable for different wheelchair models (cannot be combined with item no. 540)

• •
• •



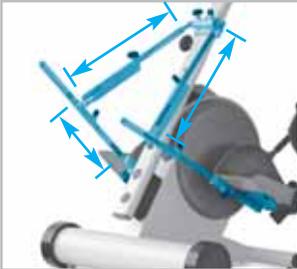
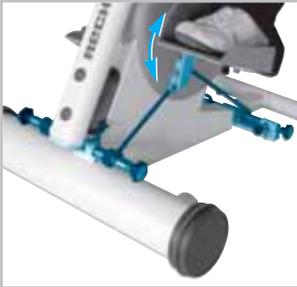
- 511 Chair fixation with stabilizer**
- recommended for users with spasms and for arm/upper body training
 - supports the chair and the MOTomed so that it cannot tilt or slide
 - the distance toward the MOTomed is adjustable from 0 to 40 cm / 0 to 16 in.
 - for all customary chairs with a front chair leg diameter of 3.2 cm / 1.3 in.

• •



- 513 Chair fixation with belt**
- avoids the chair from moving backwards
 - distance to the MOTomed individually adjustable
 - suitable for chairs up to a leg diameter of 3.2 cm / 1.3 in.

• •

		MOTomed	
item no. description / features		viva2	viva1
	<p>540 Flat stand 540N Retrofit kit: flat stand</p> <ul style="list-style-type: none"> improved access for sport and electric wheelchairs as well as for wheelchairs with rigid foot board (cannot be combined with item no. 308 and 536) <p>(if ordered with item no. 561 or 564, flat stand comes in extended width, may be more difficult for a wheelchair to roll onto)</p>	● ●	● ●
	<p>536 Height adjustment from 7 to 15 cm / 2.8 to 5.9 in. (front and rear)</p> <ul style="list-style-type: none"> the pedal pivot can be adjusted in height and distance to suit the user specifically for people with short legs and for children improved access for sport and electric wheelchairs as well as for wheelchairs with rigid foot board (cannot be combined with item no. 540) 	●	●
	<p>537 Floor plate (steel)</p> <ul style="list-style-type: none"> increases the standing weight and floor adherence of the MOTomed floor plate is mounted to the device for users with very strong spasms <p>(for the basic model MOTomed viva1 only available in combination with item no. 505, 504 or 550)</p>	●	●
	<p>534 Ankle joint control with fix bar scale (pair)</p> <ul style="list-style-type: none"> for a specific adjustable motion of the ankle joints (dorsal and plantar flexion) left and right leg options are independently and individually set prevention and treatment of edema recommended for prevention of talipes equinus (drop foot) and thrombosis intensive stimulation of the circulation through the calf muscle pump 	●	●
	<p>538 Ankle joint control with expanders (pair)</p> <ul style="list-style-type: none"> adjustment of ankle joint movement and range of motion by expanders <p>see item no. 534 for detailed description</p>	●	●
	<p>522 Knee bending aid, leg guides with calf shells included</p> <ul style="list-style-type: none"> required when training in supine position prevents overstretching and blocking of knee joints knee support on both sides individually adjustable also applicable with very strong spasticity specific calf shells stabilize the weight of the legs 	●	●

MOTomed gracile – for Children and Small Adults

MOTomed Movement Therapy: passive | motor-assisted | active resistive

Basic model:



12 cm

MOTomed gracile 12
distance between the foot shells
only 12 cm / 4.8 in.

item no. 594



5-15 cm

MOTomed gracile 5-15
distance between the foot shells adjustable
from 5-15 cm / 2-5.9 in.

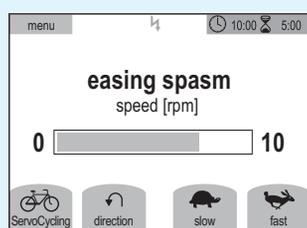
item no. 592

The pediatric devices MOTomed gracile are the only MovementTherapyDevices specifically designed for the needs and requirements of children. The gracile height adjustment allows for adjusting the position of the device according to the body height of your child.

Ideal for a daily beneficial movement therapy at home and for use at hospitals, schools and pediatric centers.



The MOTomed gracile complies with the European guidelines 93/42/EWG (appendix II).



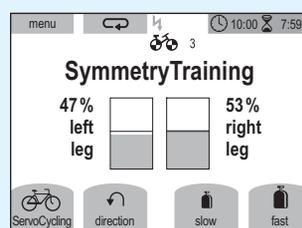
MovementProtector & SpasmControl

The safety software monitors the muscle tone during the training, detects and eases spasms according to the therapeutic principle of the antagonistic inhibition.



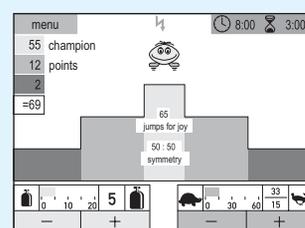
ServoCycling & active training

ServoCycling (motor-assisted training) allows users to build up residual muscle strength. The resistance levels can be finely adjusted in 20 gears, depending on the individual fitness level.



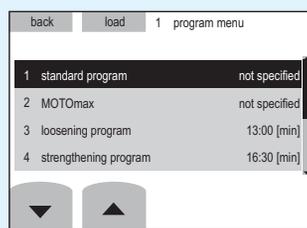
SymmetryTraining

Graphic analysis of right and left leg or arm activity during the active training. Muscle strength, endurance, coordination and concentration are trained simultaneously.



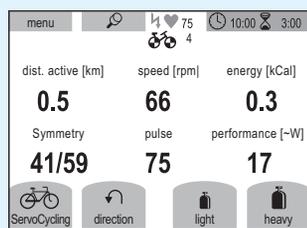
MotivationProgram MOTOMax

The new exciting MotivationProgram MOTOMax increases motivation and fun. Muscle strength, coordination and concentration are trained simultaneously. You are rewarded with a smile, jumps for joy and champion points.



Therapy programs

There are 13 therapy programs available as standard, sorted by indication, therapy goals and specialty fields. Programs can be edited according to the individual condition and fitness level.



Detailed Biofeedback

Simple, large and clear view of the main training values. This enables the user to monitor the progress of the training and therefore to optimize the individual benefits.

Distance between the foot shells in various widths (12 cm / 4.8 in. or 5-15 cm / 2-5.9 in.)

The small distance between the inner rims of the foot shells allows children with a very narrow leg and hip structure an optimal movement therapy.

Training analysis after the training

Up to 30 significant training results are automatically saved and displayed on after the training. Additionally there is a training summary of all training sessions.

Height adjustment of the pedal axle from 26 to 46 cm / 10.2 to 18.1 in. (from the ground)

The MOTomed gracile is the first and most unique movement therapy device that provides simple and quick height alterations of the pedal axle with the foot shells to meet the needs and requirements of children. This is possible without tools in the shortest time. The gracile is adjustable to the body height of your child.

MOTomed gracile accessories see pages 16-19 and 26-31

27 different operation languages available:

There is a selection of 23 literary and 4 picture languages.

MOTomed gracile – for Children and Small Adults

Further standard features:

- MOTomed SmoothDriveSystem
- passive speed from 0 to 60 rpm
- motor power adjustable in levels from 1 to 8
- therapy time preset from 0 to 120 minutes
- insertion aid with safety stop
- gentle start and stop
- two-stage pedal radius adjustment (3.5 and 7 cm / 1.4 and 2.8 in.)
- mobile with large castors (diameter 13 cm / 5.1 in)
- whisper quiet, gentle and harmonious motion
- all-metal design, top quality and stability
- telescopic foot for high stability

Recommended accessories:



		MOTomed gracile 12		MOTomed gracile 5-15	
		leg trainer	leg + arm trainer	leg trainer	leg + arm trainer
MOTomed gracile <ul style="list-style-type: none"> ▪ incl. safety foot shells, pediatric leg guides (flexible and height adjustable), two level pedal radius adjustment and handlebar adjustable in inclination ▪ incl. operating panel with large, user friendly color screen and large, palpable buttons 					
594	MOTomed gracile 12 <ul style="list-style-type: none"> ▪ fix foot shell distance of 12 cm / 4.7 in. 	●	●		
592	MOTomed gracile 5-15 <ul style="list-style-type: none"> ▪ foot shell distance infinitely adjustable from 5 cm to 15 cm / 2 to 5.9 in. 			●	●
599	Arm/upper body trainer passive and active		●		●

item no. description / features

12
5-15



- 588 Pedal radius quick adjustment for pediatric safety foot shells (pair)**
- for exact setting of the pedal radius
 - adjustable in 3 levels (5.5 / 8.5 / 10.5 cm, 2.2 / 3.4 / 4.1 in.)
 - recommended for patients with joint stiffness (contractures) and spasticity
- (a combination with item no. 587, requires item no. 586)

●



- 598 Self-operating foot holders (pair)**
- soft foam rollers gently and securely fix the feet
 - for a firm hold, even with strong spasticity
 - for inserting and removing legs quickly and easily without assistance.
- (cannot be combined with item no. 597)

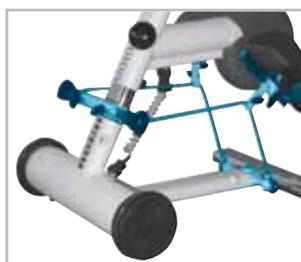
●



- 621 Height adjustment of the pedal axle with pneumatic spring**
- easy and exact height adjustment with pneumatic spring (135 Nm)
 - recommended for facilities where children with different body heights are training on the MOTOMed

●

●



- 577 Ankle joint control (pair)**
- to increase the blood circulation by activating the calf muscle pump
 - for an intense movement of the ankle joints
 - after adjusting the basic settings, no further adjustments are necessary
 - left and right leg options individually adjustable

●



- 597 Adjustable side rim for pediatric safety foot shells (pair)**
- can be mounted to the outside of the pediatric safety foot shell
 - prevents the foot from slipping to the side
 - foot shell rim can be rotated outward by 2 cm / 0.8 in.
- (cannot be combined with item no. 598)

●



- 152K Plastic coated pediatric safety foot shells (pair, incl. pedal crank)**
- recommended for clinical use
 - for better cleaning and disinfection
 - stable metal built foot shells, completely coated with soft plastic
 - fleecy straps for comfortable fastening
 - without side panel

●

●

item no. description / features



599 Arm/upper body trainer passive and active (instead of basic handlebar)

599N Retrofit kit: arm/upper body trainer passive and active

- incl. swiveling handlebar for leg training
- can be swiveled into the training area for maximum leg room when training the arms and upper body
- incl. SymmetryTraining and MotivationProgram MOTOmax
- ideal training height can be adjusted without tools
- pedal radius can be adjusted in two levels (3.5 and 7 cm / 1.4 and 2.8 in.)

12 5-15

• •
• •



556K Pediatric forearm shells with arm cuffs (pair)

- firmly fasten and guide the arms, suitable for strong paralysis, with padded fleece mitts
- laterally flexible
- ergonomically designed, with soft padding, length: 22 cm / 8.7 in.
- different sizes available, standard size: S=small or XS=extra small upon request
- with a special cross grip for children

• •



555K Pediatric tetra handles (pair)

see page 10, item no. 555 for detailed description

• •



557K Pediatric vertical handles with hand rests (pair)

see page 10, item no. 557 for detailed description

• •



552K Pediatric forearm shells with hand rests (pair)

see page 11, item no. 552 for detailed description

• •

MOTomed gracile – Accessories for the Arm/Upper Body Training

MOTomed gracile

item no. description / features

12 5-15



562K Pediatric hand fixation with wrist cuffs (piece)

see page 11, item no. 562 for detailed description

• •



567K Pediatric hook grip (piece)

see page 10, item no. 567 for detailed description

• •



519K Handlebar adjustable in inclination for arm/upper body trainer

- an ideal resting place for the weakened hand during key pad operation
- for arm/upper body trainer, passive and active (item no. 599) (cannot be retrofitted)

• •



588A Pedal radius quick adjustment (arm training)

- for exact setting of the pedal radius
- adjustable in 3 levels (5.5 / 8.5 / 10.5 cm, 2.2 / 3.4 / 4.1 in.)
- recommended for patients with joint stiffness (contractures) and spasticity

• •

MOTomed gracile – Accessories for gracile 12 / gracile 5-15



585 Pediatric safety foot shells (pair, incl. pedal crank)

- metal built foot shells, extra stable
- comfortably padded and slip-proof
- foot shell width: 10.1 cm / 4 in., length: 21.7 cm / 8.6 in.
- pedal radius can be adjusted in two levels (3.5 and 7 cm / 1.4 and 2.8 in.)
- without side panel

incl. in the base price



545 Pediatric leg guides with calf shells (pair)

- guide the legs and hold them safely
- spring-mounted, flexible calf shells fit comfortably around the calves
- fleecy straps for comfortable fastening
- flexible and height adjustable (8.5 to 13 cm / 3.4 to 5.1 in.)

incl. in the base price

incl. in the base price

item no. description / features

12 5-15



- 586 Safety foot shells for adults, gracile12 (pair, incl. pedal crank)**
- 586N Retrofit kit: safety foot shells for adults (pair, incl. pedal crank)**
- metal built foot shells, extra stable, comfortably padded and slip-proof
 - feet can be comfortably fastened by fleecy straps
 - foot shell width: 12.5 cm / 5 in., length: 24.3 cm / 9.6 in.
 - pedal radius can be adjusted in two levels (3.5 and 7 cm / 1.4 and 2.8 in.)
- (a combination with item no. 588, requires item no. 587)

•
•



- 583 Safety foot shells for adults, gracile 5-15 (pair, incl. pedal crank)**
- 583N Retrofit kit: safety foot shells for adults (pair, incl. pedal crank)**
- metal built foot shells, extra stable, comfortably padded and slip-proof
 - foot shell width: 12.5 cm / 4.9 in., length: 24.3 cm / 9.6 in.
 - pedal radius can be adjusted in two levels (3.5 and 7 cm / 1.4 and 2.8 in.)

•
•



- 587 Flat stand (flat steel)**
- improved access for sport and electric wheelchairs as well as for wheelchairs with rigid foot board

• •



- 584 Knee bending aid, leg guides with calf shells included**
- required when training in supine position
 - prevents overstretching and blocking of knee joints
 - knee support on both sides individually adjustable
 - specific calf shells stabilize the weight of the legs

•



- 8K Wheelchair stabilizer for children**
- see page 12, item no. 8 for detailed description

• •



- 595 Race car segment handle**
- can be rotated (60°)
- (cannot be combined with item no. 599)

• •



- 596 Race car steering wheel**
- can be rotated (360°)
 - adjustable in height and inclination
- (a combination with item no. 599, requires item no. 519K)

• •

MOTOmed gracile

MOTOmed letto2 - in Supine Position

MOTOmed Movement Therapy: passive | motor-assisted | active resistive

Basic model:



MOTOmed letto2
item no. 279



MOTOmed letto2_leg/arm
item no. 280

The mobile MOTOmed letto2 devices for patients confined to bed. Can be positioned easily to the bed, locked into position and adjusted so that the patient does not have to be transferred.

It is an ideal adjunction to physical therapy, for initiating mobility, and for preventing contracture, decubitus or thrombosis. Provides support for the cardiovascular system, also for the use at intensive care units.



The MOTOmed letto complies with the European guidelines 93/42/EWG (appendix II).

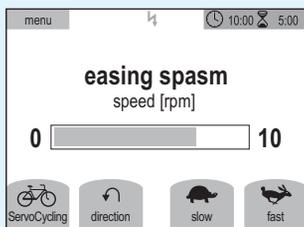
MOTOmed letto - pediatric version

item no. 279K

MOTOmed letto2_leg/arm - pediatric version

item no. 280K

The pediatric versions of the MOTOmed letto2 come with smaller foot shells and leg guides and a reduced distance between the pedals (14 cm instead of 21cm / 5.5 in. instead of 8.3 in.), according to the smaller hip structure of children.



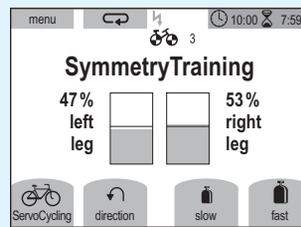
MovementProtector & SpasmControl

The safety software monitors the muscle tone during the training, detects and eases spasms according to the therapeutic principle of the antagonistic inhibition.



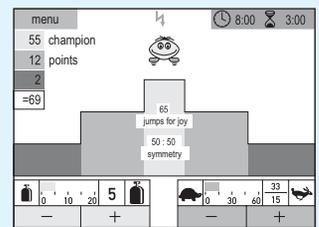
ServoCycling & active training

ServoCycling (motor-assisted training) allows users to build up residual muscle strength. The resistance levels can be finely adjusted in 20 gears, depending on the individual fitness level.



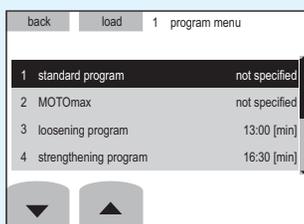
SymmetryTraining

Graphic analysis of right and left leg or arm activity during the active training. Muscle strength, endurance, coordination and concentration are trained simultaneously.



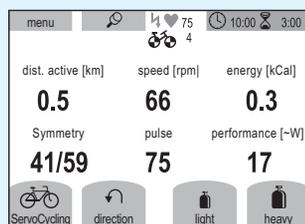
MotivationProgram MOTOmax

The new exciting MotivationProgram MOTOmax increases motivation and fun. Muscle strength, coordination and concentration are trained simultaneously. You are rewarded with a smile, jumps for joy and champion points.



Therapy programs

There are 13 therapy programs available as standard, sorted by indication, therapy goals and specialty fields. Programs can be edited according to the individual condition and fitness level.



Detailed Biofeedback

Simple, large and clear view of the main training values. This enables the user to monitor the progress of the training and therefore to optimize the individual benefits.

Further standard features:

- MOTOmed SmoothDriveSystem
- plastic coated safety foot shells, mounted with 5° vertical outward rotation each, for better disinfection
- selection of 27 operation languages
- simply fitted to the hospital bed
- adjustable in distance toward the patient
- remote stop button
- passive speed from 0 to 60 rpm
- motor power adjustable in levels, from 1 to 8
- therapy time preset from 0 to 120 minutes
- insertion aid with safety stop
- gentle start and stop
- automatic self-test system
- mobile with large castors (diameter 13 cm / 5.1 in)
- whisper quiet, gentle and harmonious motion
- all-metal design, top quality and stability

MOTOmed letto2 accessories see pages 22-23 and 26-31

MOTOmed letto2 - in Supine Position

Following special accessories are included in the base price of the MOTOmed letto2_leg/arm:

Chassis with ground fixation (4-Brake-Stop)

This ground fixation guarantees highest level of stability within seconds (operated by one foot pedal) – this secures a simple and especially very quick set up of the MOTOmed letto2_leg/arm, independent from the bed or therapy chair.

Knee bending adjustment (manually by crank handle)

The patient does not have to be transferred. The MOTOmed letto2_leg/arm can be adjusted to the patient – even when the patient's feet/hands are already inserted.

Mounted bracket for accessory storage, for foot shells »TrainCare comfort« and handles/forearm shells

Space saving storage of the accessories.

Quick release clip system for foot shells and standard handles, no tools required

Foot shells can be replaced by hand pedals within seconds.

Hydraulic height adjustment

Simple height adjustment by foot pedal.

Recommended accessories:



279



280

	MOTOmed letto2	MOTOmed letto2_leg/arm
279 MOTOmed letto2 <ul style="list-style-type: none"> incl. plastic coated safety foot shells, mobile chassis and bed mount system incl. rotary operating panel with large, user friendly color screen and big, palpable buttons 	●	
280 MOTOmed letto2_leg/arm <ul style="list-style-type: none"> incl. plastic coated safety foot shells foot shells and hand grips with quick release system by clip, no tools required incl. chassis with ground fixation (4-Brake-Stop) and knee bending adjustment (manually, by crank handle) incl. hydraulic height adjustment with accessory storage for safety foot shells, »TrainCare comfort« (accessory), handles and arm shells (accessories) incl. rotary operating panel with large user friendly color screen and big, palpable buttons 		●
168 TrainCare leg guides comfort with adjustable knee protection (pair)	●	●
159 Ground fixation (4-Brake-Stop, instead of bed mount system)	●	included in the base price
162 Knee bending adjustment (manually, by crank handle)	●	
166 Extended pivot arm for operating panel (instead of basic rotary operating panel)	●	●

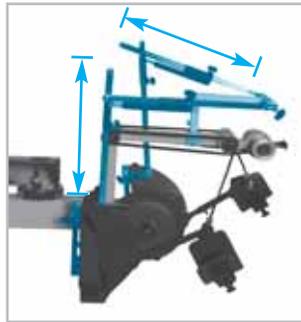


Hint: Contact us for further information about individual configurations according to your personal indication.

item no. description / features

		letto2	letto2_1/a
	<p>168 TrainCare leg guides comfort with adjustable knee protection (pair)</p> <ul style="list-style-type: none"> holds and guides the legs safely, prevents unintentional lateral movement of the legs suitable for paralyzed and unconsciousness patients individual adjustment of the range of knee bending for both sides prevents the knee joints from overstretching and blocking fixation with Velcro straps 	●	●
	<p>159 Ground fixation (4-Brake-Stop)</p> <ul style="list-style-type: none"> secure and quick ground fixation by foot pedal high stability even in active mode against strong resistance no additional fixation necessary to the dialysis chair or the hospital bed, fixation independent from bed or chair (cannot be retrofitted) 	●	incl. in the base price
	<p>160 Expandable chassis</p> <ul style="list-style-type: none"> easy and quick positioning in front of the dialysis chair or hospital bed the chassis width can be adjusted with a lever suitable for all common chairs and bed models available only in combination with item no. 159 (cannot be retrofitted) 	●	●
	<p>162 manually: by crank handle (see fig.)</p> <p>163 electrical: with remote control, can be used by the patient independently (not shown)</p> <p>Both versions are:</p> <ul style="list-style-type: none"> to adjust the knee bending degree to set the ideal position for the user easily and quickly adjusted, even during leg positioning and operation (cannot be retrofitted) 	●	● included
	<p>166 Extended pivot arm for operating panel</p> <ul style="list-style-type: none"> recommended for patients who are able to operate the menu independently increases patient motivation and activity by providing continuous feedback during the training and data analysis at the end of the training (instead of the standard operating panel) 	●	●
	<p>173 new Hydraulic height adjustment</p> <ul style="list-style-type: none"> allows for comfortable and easy height adjustment of the unit, facilitates the use for the nursing staff hydraulic system with foot pedal sensible adjustment to the individual training situation <p>(can be retrofitted as of serial no. V01LET2-01)</p>	●	incl. in the base price
	<p>174 Automatic cable reel (letto2)</p>	●	
	<p>172 new Automatic cable reel (letto2_leg/arm)</p> <ul style="list-style-type: none"> controlled rolling and winding up of the mains cable space-saving cable storage adjustable cable length, max. 5 m / 16.4 ft. <p>(can be retrofitted as of serial no. V01LET2-01)</p>		●

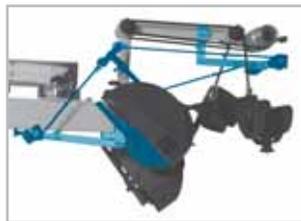
item no. description / features



- 149 Ankle joint control with fix bar scale (pair)**
- for a specific adjustable motion of the ankle joints (dorsal and plantar flexion)
 - left and right leg options are independently and individually set
 - prevention and treatment of edema
 - recommended for prevention of talipes equinus (drop foot) and thrombosis
 - intensive stimulation of the circulation through the calf muscle pump
- (only available in combination with item no. 168)

letto2
letto2_1/a

• •



- 169 Ankle joint control with expanders (pair)**
- new**
- adjustment of ankle joint movement and range of motion by expanders
- see item no. 149 for detailed description
- (only available in combination with item no. 168)

• •



- 135 Fur shoes for wearing in the safety foot shells (pair)**
- pleasant, fluffy and warm (washable)
 - for a better hold and all-over protection of the feet
 - to prevent decubitus

• •



- 158 Plastic safety foot shells (pair)**
- see page 8 for detailed description

• •



- 154 Plastic coated calf shells for TrainCare leg guides (pair)**
- new**
- calf shell completely coated with soft plastic
 - for better cleaning and disinfection
- (only available in combination with item no. 168)

• •



- 506 Self-operating foot holders (pair)**
- see page 7 for detailed description

• •



- 175 Elastic calf shell pads for TrainCare leg guides**
- new**
- additional padding for leg guides
 - avoids pressure marks
- (only available in combination with item no. 168)

• •

Special Models for Individual Applications

MOTOMed Movement Therapy: passive | motor-assisted | active resistive

MOTOMed viva2_Parkinson item no. 232

leg trainer for active and passive training, passive speed up to 90 rpm

incl. safety foot shells, handlebar and chip card system

see page 4 for detailed description (functions similar to MOTOMed viva2)

Treating Parkinson's disease by help of the MOTOMed viva2_Parkinson:

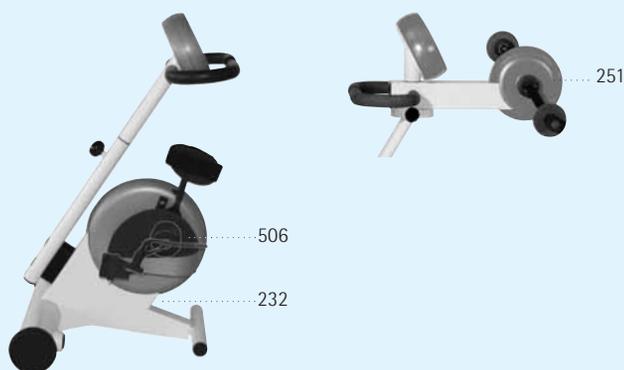
Pleasant movement that helps to loosen muscle stiffness (rigor), reduces tremors significantly and so can improve the physical mobility.

>> please contact us for further information!



please refer to MOTOMed viva2 for accessory options (see page 7-13 and 26-31)

Recommended accessories:



	basic configuration		comfort configuration	
	leg trainer	leg + arm trainer	leg trainer	leg + arm trainer
232 MOTOMed viva2_Parkinson ▪ incl. safety foot shells and handlebar ▪ incl. operating panel with large, user friendly color screen and large, palpable buttons	●	●	●	●
251 Arm/upper body trainer, active and passive up to 90 rpm		●		●
202 4-Segment-CoordinationProgram			●	●
275 »Pulse control Cardio16« incl. pulse measure with ear clip			●	●
230P Training Analysis Program MOTOMed sam2 incl. chip card system			●	●
506 Self-operating foot holders (pair)			●	●



Hint: Contact us for further information about individual configurations according to your personal indication.

Special Models for Individual Applications

MOTOmed Movement Therapy: passive | motor-assisted | active resistive

MOTOmed viva2_duplex item no. 600

leg and arm/upper body trainer

for **active** and **passive** training of legs and arms **simultaneously**

Incl. leg trainer with safety foot shells, horizontally adjustable and swiveling arm/upper body trainer, with pneumatic spring for easy height adjustment, two operating panels with large, user friendly color screens and »pulse control Cardio16« (incl. ear clip system, see picture)

see page 4 MOTOmed viva2 for detailed description

MOTOmed viva2_duplex for regulating high blood pressure:
Effective whole body workout, up to 80% of the body muscles are trained what therefore can help to reduce high blood pressure.
>> please contact us for further information!

Accessories: see MOTOmed viva2 (page 7-13 and 26-31)



pulse control Cardio16 with ear clip



MOTOmed stativ_viva2 item no. 231

arm/upper body trainer

for **active** and **passive** training of the arms

see MOTOmed viva2 for detailed description (page 4)

Accessories: see MOTOmed viva2 accessories for arm/upper body training (page 7-13 and 26-31)



MOTOmed stativ_viva1 item no. 531

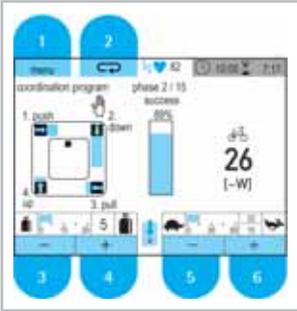
arm/upper body trainer

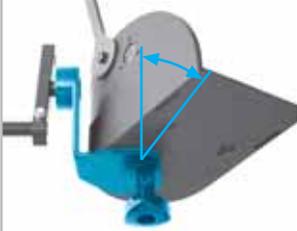
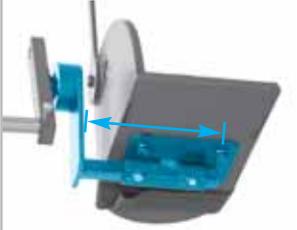
for **active** and **passive** training of the arms

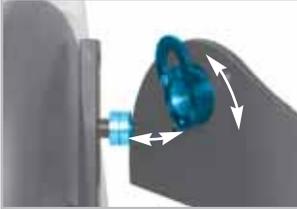
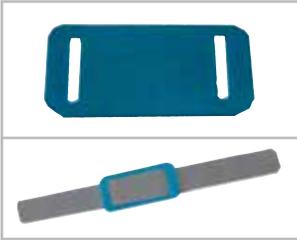
see MOTOmed viva1 for detailed description (page 6)

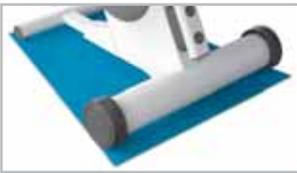
Accessories: see MOTOmed viva1 accessories for arm/upper body training (page 10-12 and 28-31)



		MOTOmed				
item no. description / features		viva 2	viva 1	gracile 12	letto 2	letto 2 - /ja
	<p>230 Training Analysis Program MOTOMed sam2</p> <p>The complete package (hard- and software) consists of:</p> <ol style="list-style-type: none"> 1) Training Analysis Program MOTOMed »sam2« 2) chip card reader in the operating panel (item no. 203) 3) 2 chip cards (item no. 204) for leg and arm/upper body training 4) chip card reader for your PC (item no. 205) <ul style="list-style-type: none"> ▪ increases motivation and fun ▪ precise and effective analysis via PC printout ▪ 11 different analysis options with up to 411 printout variations (e.g. analysis of a day or long term analysis) ▪ simple progress tracking and documentation ▪ data can be transferred to the computer <p>(system requirements: Windows 2000, XP, Vista, 7, USB slot for chip card reader, minimum screen resolution of 1024 x 768 pixel)</p>	●	●	●	●	●
	<p>202 4-Segment-CoordinationProgram: measurement, feedback, and training analysis on the MOTOMed screen</p> <ul style="list-style-type: none"> ▪ upgrade to the SymmetryTraining of the leg and arm/upper body trainer ▪ for a targeted muscle strengthening, endurance, coordination and concentration training ▪ for a targeted multiple muscle therapy: one crank rotation is separated into 4 segments (4 movement directions): push / down / pull / up 	●	●	●	●	●
	<p>275 »Pulse control Cardio16«, ear clip included (cable connection to the operating panel)</p> <p>276 »Pulse control Cardio16«, chest belt included (wireless connection, chest belt with sender and receiver inside the operating panel)</p> <ul style="list-style-type: none"> ▪ controls resistance level, up and down, depending on the heart rate ▪ helps to avoid over-exercising ▪ safety stop function for an efficient and safe training 	●	●	●	●	●
	<p>203 Chip card reader in the operating panel</p> <ul style="list-style-type: none"> ▪ integrated in operating panel ▪ to save training data to chip card ▪ can read individual training programs and MOTOMed control parameters from chip card (included in item no. 230, Training Analysis Program sam2) 	●	●	●	●	●

		MOTOmed				
item no.	description / features	viva 2	viva 1	gracile 12	letto 2	letto 2 _/a
	204 Chip card <ul style="list-style-type: none"> to save the data of multiple training sessions of one user therapy programs / a complete program package and individual device settings can be saved (included in item no. 230, Training Analysis Program sam2) 	●		●	●	●
	214 Serial interface RS232 MOTOmed viva2 <ul style="list-style-type: none"> serial interface in the MOTOmed operating panel for connecting the Hasomed FES device »RehaStim« (item no. 219) 	●		●	●	●
	219 Functional electrical stimulator »RehaStim«, tray included <ul style="list-style-type: none"> 8 channels available muscle stimulation via 2-16 electrodes mainly used for paraplegic and stroke patients recommended for decubitus prevention, for strengthening and cardiovascular training, for circulation and metabolism improvement (only available in combination with item no. 214)	●			●	●
	103 Safety foot shells adjustable in height (pair) 103N Retrofit kit: safety foot shells adjustable in height (pair, incl. pedal crank) <ul style="list-style-type: none"> infinitely adjustable in height up to 8 cm / 3.2 in. to compensate different leg lengths left and right foot individually adjustable 	●	●	●	●	●
	105 Safety foot shells, with rotation function (pair) 105N Retrofit kit: safety foot shells, with rotation function (pair, incl. pedal crank) <ul style="list-style-type: none"> for outward rotation of the legs, each adjustable from -8° to 40° left and right foot options individually adjustable 	●	●	●	●	●
	512 Safety foot shells adjustable in width (pair) 512N Retrofit kit: safety foot shells adjustable in width (pair, incl. pedal crank) <ul style="list-style-type: none"> for users with a broad hip structure left and right foot option individually adjustable distance between the inner rims of the foot shell adjustable from 20 to 32 cm / 7.9 to 12.6 in. 	●	●		●	●

		MOTOmed				
item no.	description / features	viva 2	viva 1	gracile 12	letto 2	letto 2 _/a
	535 Counterweight (piece, incl. pedal crank) and quick release system (item no. 568) <ul style="list-style-type: none"> for smooth pedal rotation for patients with an amputated leg the weight can be individually adjusted (10 weights of 1 kg / 2.2 lb each) 	●	●	●	●	●
	566 Foot shell quick release system (pair, incl. pedal crank) <u>mountable by clip system, no tools required</u> <ul style="list-style-type: none"> quick change function for foot shells, no tools required (cannot be combined with item no. 158) 	●	●	●	●	incl. in the base price
	568 Foot shell quick release system (pair, incl. pedal crank) <u>mountable with an Allen key</u> <ul style="list-style-type: none"> quick change function for foot shells, counterweight or other accessories (e.g. arm fixations) (cannot be combined with item no. 158) 	●	●	incl. in the base price	●	●
	366 Quick release system for forearm shells or other hand grips (pair) new <u>mountable by clip system, no tools required</u> <ul style="list-style-type: none"> quick change function for forearm shells or other handles quick alternation between handles without tools (pair wise) 	●	●	●	●	●
	546 Padding for Velcro straps (pair) new <ul style="list-style-type: none"> avoids pressure marks additional padding for Velcros 	●	●	●	●	●
  	User-friendly Velcro straps with hinge joint (pair) 516 hinged Velcro straps for the ankle joint 517 hinged Velcro straps for the calves 520 hinged Velcro straps for the toe area	●	●	●	●	●
516	517	520	All three versions are: <ul style="list-style-type: none"> made out of a special compact material which enables to retract the straps in order to ease the insertion and fixation of the feet 			

		MOTOmed				
item no.	description / features	viva2	viva1	gracile 12	letto 2	letto 2 - /a
	521 Elastic calf shell pads (pair) 521K Elastic calf shell pads for pediatric leg guides (pair) <ul style="list-style-type: none"> additional padding for leg guides with calf shells prevents pressure marks 	●	●	●		
	508 Therapy chair <ul style="list-style-type: none"> for users who are not able to do movement therapy from a wheelchair two stable brakes ensure safe ground fixation height adjustment (from 54 to 66 cm / 21.3 to 26 in.) arm rests are adjustable in height and width capacity: maximum of 130 kg / 290 lb 	●	●	●		
	589 Anti-slip mat <ul style="list-style-type: none"> prevents the MOTOmed from sliding on slippery ground (e.g. tiles) or in the case of strong spasms 	●	●	●		
	591 Anti-slip cups (2 pieces) 591N Retrofit kit: anti-slip cups (incl. small front leg) <ul style="list-style-type: none"> increase standing and slip-stability especially recommended on slippery ground (laminated, tiled, parquet, linoleum floor etc.) height adjustable (1.5 cm / 0.6 in.) to compensate uneven grounds 	●	●	●		
	315 Display loupe (fixation for MOTOmed operating panel included) <ul style="list-style-type: none"> up to 30% screen enlargement - individually adjustable easily to install and remove by supplied fixation for operating panel 	●		●	●	●
	227 Display and button protection <ul style="list-style-type: none"> covers the operating panel completely prevent damage to the color screen the »on/off« button is still accessible, all other buttons are completely protected 	●		●	●	●

MOTOmed Special Accessories

		MOTOmed				
item no. description / features		viva 2	viva 1	gracile 12	letto 2	letto 2_1/a
	590 Demonstration doll »Fred« <ul style="list-style-type: none"> puts the shop window or the show room in »motion« can sit in a wheelchair using the MOTOmed demonstration of leg and arm training is possible 	●	●	●	●	●
	590K Demonstration doll »Alena« (for children)	●	●	●	●	●
	215 Magnet switch <ul style="list-style-type: none"> the MOTOmed can be turned off by a magnet switch on the operating panel 	●		●	●	●
	216 Acoustic switch <ul style="list-style-type: none"> the MOTOmed can be turned off by clapping or an acoustic tone 	●		●	●	●
	199 Mains cable <ul style="list-style-type: none"> for exchanging the standard available mains cable (spare cable) 	●	●	●	●	●

Retrofit Accessories

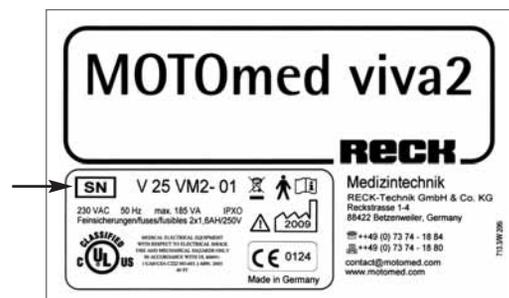
Most accessories can also be retrofitted to the MOTOmed MovementTherapySystems. You can identify these accessories through the comment »retrofit kit« and an »N« at the end of the item no. (i.e. 250N).

You will receive a retrofit kit with accessories that require partially slight changes to the MOTOmed. You will receive comprehensive mounting instructions which will ensure an easy retrofit. Retrofitting must be carried out through authorized qualified personnel.

For further questions please do not hesitate to contact our service team at +49 7374 18-85.

Please always indicate the **serial number** and color of your MOTOmed with your accessory order. → **SN** V 25 VM2- 01

You can find the serial number on the **label fixed** to the large front tube.

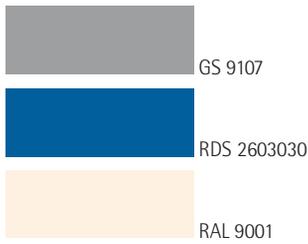


Experience and Expertise

Since 1972 the Reck Company has been developing products in the field of movement therapy in collaboration with major university hospitals throughout the world. Since 1981 the motor driven and software controlled MOTOmed devices have successfully been applied, currently in more than 70 different countries worldwide. The over 50-year old family enterprise

RECK is the inventor of the passive, motor-assisted and active movement therapy. Innovation, high quality, creditability and safety, the typical »Made in Germany« characteristics, mark the MOTOmed and helped the RECK Company to become world market leader.

Special Editions – Special Colors



The standard color of the **MOTomed viva2** is MOTomed silversand (drum shells, operating panel, foot shells and leg guides), the frame is offwhite. **All other MOTomed models** come in MOTomed blue as standard color, frame color offwhite.

Upon request, we can provide the following colors for your MOTomed:



item no.	description / features	MOTomed				
		viva2	viva1	gracile 12	letto 2	letto 2_/a
RDS 0303040	529 Special color red (frame color offwhite)	●	●	●	●	
RDS 1803015	530 Special color green (frame color offwhite) ▪ for basic models incl. accessory parts ▪ delivery period 4 week	●	●	●	●	
RAL 3000	525 Special color »gracile – speedy« – blazing red (frame color offwhite)			●	●	●
RAL 1028	526 Special color »gracile – skippy« – melon yellow (frame color offwhite)			●	●	●
RAL 6001	527 Special color »gracile-jungle« – emerald green (frame color offwhite)			●	●	●
	528 Further colors according to RAL color scale (frame color offwhite)	●	●	●	●	●

The Exclusive »wood« Edition

The exclusive MOTomed »wood« edition is a special design developed by RECK. There are two different frame colors available.

item no.	description / features	MOTomed				
		viva2	viva1	gracile 12	letto 2	letto 2_/a
»wood«	Elegant wood look, frame color offwhite					
RAL 9001	240 ▪ for leg trainer (drums and operating panel)	●				
	241 ▪ for leg and arm/upper body trainer (drums and operating panel)	●				
»wood«	Elegant wood look, frame color silver					
RAL 9006	242 ▪ for leg trainer (drums and operating panel)	●				
	243 ▪ for leg and arm/upper body trainer (drums and operating panel)	●				



elegant wood look,
frame color offwhite
(item no. 240)

elegant wood look,
frame color silver
(item no. 242)



The faces matching to the voices: The Export Customer Service Team at RECK

We will gladly be of assistance to you with the selection of the movement therapy systems suitable to the individual condition and needs. Please call us or send us an e-mail.



Josef Hugger
Managing Director of Sales

Foreign language:
English

Direct contact:
phone +49 7374 18-500
fax +49 7374 18-480
josef.hugger@motomed.com



Bernd Schelkle
Export Manager

Foreign languages:
English, French

Direct contact:
phone +49 7374 18-32
fax +49 7374 18-480
bernd.schelkle@motomed.com



José Poyatos
Area Sales Manager

Foreign languages:
Spanish, French, English

Direct contact:
phone +49 7374 18-486
fax +49 7374 18-480
poyatos@motomed.com



Carola Kraft-Traub
Area Sales Manager

Foreign languages:
French, English

Direct contact:
phone +49 7374 18-470
fax +49 7374 18-480
carola.kraft-traub@motomed.com



Daniela Zimmerer
Order processing, logistics

Foreign languages:
English, French, Spanish

Direct contact:
phone +49 7374 18-30
fax +49 7374 18-480
daniela.zimmerer@motomed.com



Alexandra Lemke
Area Sales Manager

Foreign language:
English

Direct contact:
phone +49 7374 18-35
fax +49 7374 18-480
alexandra.lemke@motomed.com



Marcello Schulte-Escorsin
Area Sales Manager

Foreign languages:
Portuguese, English, French

Direct contact:
phone +49 7374 18-487
fax +49 7374 18-480
marcello.escorsin@motomed.com



Birgit Haiß
Order processing, logistics

Foreign language:
English

Direct contact:
phone +49 7374 18-483
fax +49 7374 18-480
birgit.haiss@motomed.com



Edith Fuchsloch
Area Sales Manager

Foreign languages:
English, Spanish, French

Direct contact:
phone +49 7374 18-481
fax +49 7374 18-480
edith.fuchsloch@motomed.com



Kathrin Fischer
Area Sales Manager

Foreign languages:
Chinese, English, French, Spanish

Direct contact:
phone +49 7374 18-470
fax +49 7374 18-480
kathrin.fischer@motomed.com



Anita Ebe
Order processing, logistics

Foreign languages:
French, English

Direct contact:
phone +49 7374 18-471
fax +49 7374 18-480
anita.ebe@motomed.com



Waldemar Diehl
Area Sales Manager

Foreign languages:
Russian

Direct contact:
phone +49 7374 18-489
fax +49 7374 18-480
waldemar.diehl@motomed.com



Melanie Foltys
Export Marketing

Foreign languages:
English, Spanish, French

Direct contact:
phone +49 7374 18-485
fax +49 7374 18-480
melanie.foltys@motomed.com



Thomas Schick
Order processing, logistics

Foreign language:
English

Direct contact:
phone +49 7374 18-489
fax +49 7374 18-480
thomas.schick@motomed.com

Your MOTomed representative:

International MOTomed locations:

Algeria, Andorra, Argentina, Australia, Austria, Azerbaidzhan, Bahrain, Belgium, Brazil, Bulgaria, Canada, Chile, China, Colombia, Costa Rica, Croatia, Crypus, Czech Republic, Denmark, Egypt, Finland, France, Greece, Great Britain, Hong Kong, Hungary, Iceland, India, Iran, Ireland, Israel, Italy, Japan, Jordan, Kazakstan, Kenya, Korea, Kuwait, Lebanon, Latvia, Lithuania, Luxemburg, Malaysia, Malta, Morocco, Macedonia, Mexico, New Zealand, Netherlands, Norway, Poland, Portugal, Qatar, Oman, Rumania, Russia, Saudi Arabia, Singapore, Slovenia, Slovakia, Spain, South Africa, Sweden, Switzerland, Syria, Taiwan, Thailand, Trinidad & Tobago, Tunisia, Turkey, Ukraine, USA, UAE, Venezuela.

RECK MOTomed®

RECK-Technik GmbH & Co. KG, Reckstr. 1-5, 88422 Betzenweiler, GERMANY
phone +49 7374 18-85, fax +49 7374 18-480, info@motomed.com, www.motomed.com



»Made in Germany«



RECK-Technik GmbH & Co. KG, Betzenweiler, GERMANY