

Regulating High Blood Pressure, reducing medication and secondary diseases



1. Simultaneous leg and arm/upper body training
→ effective full body workout, up to 80 % of the skeletal muscle mass is active and can therefore decrease the blood pressure
2. Regulation of blood pressure, blood glucose and blood lipid values by regular training
3. Positive effects on the cardiovascular system, the capability and the general well-being
4. Helps preventing from strokes
5. Can reduce the need of medication

Basic model for simultaneous leg and arm/upper body training

Price in
EUR excl.
VAT
5.305,-

600 MOTOmed viva2_duplex

- incl. leg trainer with safety foot shells
- incl. arm/upper body trainer with horizontal length adjustment and easy and exact height adjustment with pneumatic spring
- incl. 2 operating panels with large user-friendly color screens
- incl. the functions ServoCycling, MovementProtector, Neuro and Ortho program, SpasmControl, SymmetryTraining, MotivationProgram MOTOmax, training analysis in the operating panels and foot insertion aid



Accessory training programs¹⁾

212	Blood pressure meter incl. upper arm cuff and pivot arm	760.-
275d	Pulse Control Cardio16 incl. pulse meter with ear-clip	390.-
230d	Training Analysis Program MOTOmed sam2 , incl. chip card system	535.-

¹⁾ for further information please see page 2-4

MOTOmed Movement Therapy: 1. passive, 2. motor-assisted, 3. active resisted



Training Options

The MOTOmed viva2_duplex allows for a highly effective endurance and cardiovascular training. By simultaneous leg and arm/upper body training, 80 % of the skeletal muscles are activated. All training and coordination programs such as the MotivationProgram MOTOmax are in compliance with the MOTOmed viva2_duplex.

Training Goals

Regular whole body workout with the MOTOmed viva2_duplex can help to reduce the blood pressure significantly. Patients training on a regular base may have the chance to reduce their blood pressure lowering medication that is often related with negative side effects. The whole body workout stimulates the cardiovascular system effectively and helps to improve the transportation of oxygen and nutrition within the blood circulation. Consequently the MOTOmed viva2_duplex training is recommended for diabetes patients or persons with circulatory disorders.

Therapy success by independent, daily training at home:

- simple operation with two large MOTOmed viva2 operating panels and intelligent, color user guidance and large buttons
- visible therapy success: simultaneous training feedback during the training (10 different feedbacks) and after the training (14 different feedbacks)



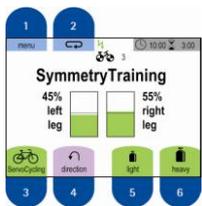
Function ServoCycling

Specifically for users with minimal residual muscle strength and muscle weaknesses. Residual muscle strength can be discovered and established. Any impulse coming from the legs/arms is amplified by the MOTOmed viva so that an acceleration of the pedal can be achieved..



Active Training

Resistances – ranging from very light to very heavy (0-20)– can be adjusted in small increments. Efficient proactive training from the (wheel-)chair is possible.

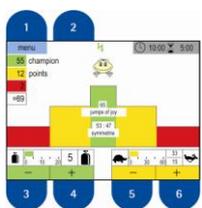


SymmetryTraining

Graphic and percentage analysis of the left and the right leg and arm activity during the active training.

Safety software for the loosening of cramps: MOTOmed MovementProtector

The MOTOmed MovementProtector detects an arising cramp automatically. The motor stops gently and the pedals are released. According to the therapeutically principle the MOTOmed is loosening the cramp by searching for the right rotation direction for relieving the tension softly.



MotivationProgram MOTOmax- mental and strengthening training at the same time

With the MotivationProgram MOTOmax the user can move the MOTOmax figure to the left or to the right by coordinated input of his muscle strength. MOTOmax is making **jumps for joy** if coordination and concentration leads to the symmetrical use of both either legs or arms ('50:50'). For the provided physical performance the user gets **champion points**. The more intensive the force and the higher the performance, the more champion points can be scored.

The MotivationProgram MOTOmax is an enhancement to the SymmetryTraining.

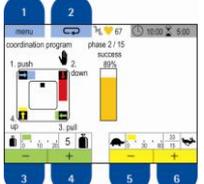
Training analysis during and after the training

Constant feedback about SymmetryTraining (%), performance (watts), duration (min, with motor and actively cycled), speed (rpm) and distance covered (km/mph, with motor/passively and cycled oneself/actively). These and further data are shown summarized on the screen after the training.

Accessories

	Item no. description / features	Price in EUR
	502 Leg guides with calf shells (pair) <ul style="list-style-type: none"> • for a safe leg guidance • spring-mounted calf shells fit comfortably around the calves • fleecy straps for comfortable fastening • flexibly mounted and height adjustable (from 9 cm/ 3.54 in. to 16 cm / 6.3 in.) 	122.-
	506 Self-operating foot holders (pair) <ul style="list-style-type: none"> • Soft foam rollers gently and securely stabilize the feet for a firm hold even during strong spasms • Cannot open up themselves due to lock mechanics. This offers solid support at supreme comfort • for inserting and removing feet quickly and easily without any extra help • also recommendable for the use ins clinics and homes 	295.-
	212 new Blood pressure meter incl. upper arm cuff and pivot arm (hardware and software) <ul style="list-style-type: none"> • automatic electronic transfer and storing of the blood pressure data on the MOTomed operating panel during the training • blood pressure data can be analyzed by the training analysis program MOTomed sam2 (Item no. 230) • cable connection from the MOTomed operating panel to the blood pressure measuring device 	760.-
	275d new Pulse control Cardio16 = pulse monitoring and automatic control of the resistance levels (hardware and software) <ul style="list-style-type: none"> • pulse control Cardio16 incl. pulse monitoring with <u>ear clip</u> (with a cable from the MOTomed operating panel to the ear clip) 	390.-
	276d new <ul style="list-style-type: none"> • pulse control Cardio16 incl. pulse monitor with <u>chest belt</u> (wireless, chest belt with transmitter, receiver in the MOTomed operating panel) 	483.-
	<p>→ resistance level control according to the optimal individual performance (increase or decrease depending on the heart rate) preset the minimum and maximum heart rate to control the resistance level (increase or decrease)</p> <ul style="list-style-type: none"> • helps to avoid over-exercising and creates an effective and safe training 	
	<p>→ the safety function shuts down the MOTomed if the critical pulse predominates for more than 30 seconds (e.g. 160; default setting)</p>	

Accessories coordination training

	202d new CoordinationProgram 4-Segments measurement, feedback und training analysis on the screen <ul style="list-style-type: none"> • rather recommended for leg training or arm training , performed separately • if used during simultaneous leg and arm training, we suggest to use the standard program for the leg trainer and do the 4-segment program with the arm trainer or vice versa • incl. user-specific training programs • for a targeted muscle increase-, endurance-, coordination- and concentration training • for a focused MuscleGroupTherapy: one revolution is divided into 4 segments (4 directions of movement): push/down/pull/up • individually adjustable by means of the integrated programming function • additional program to the SymmetryTraining for legs and arms <ul style="list-style-type: none"> → for an effective training analysis the Training Analysis Program MOTomed sam2 (Item no. 230d) is required 	484.-
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	Item no. description / features	Price in EUR
	<p>230d Training Analysis Program MOTOMed sam2 for the MOTOMed viva2_duplex neu</p> <p>The complete package consists of:</p> <ol style="list-style-type: none"> 1) Training Analysis Program „sam2“ and simple printing program „sPrint“ (daily/weekly printout with one mouse click) 2) 1 chip card reader (Item no. 203d) each in both MOTOMed cockpits (software and hardware) 3) 2 chip cards (Item no. 204, see page 4) for leg and arm/upper body training 4) chip card reader (Item no. 205b, see page 4) for laptops and desktop-PCs <ul style="list-style-type: none"> • increases the motivation and joy for the training • effective and exact training analysis by means of PC printouts • simple success control and documentation using the 32 data values for the person concerned, therapists, doctors and sponsors • for operating systems: Windows 2000, XP, Vista, Windows 7 	535.-
	<p>513 Chair fixation with tension belt</p> <ul style="list-style-type: none"> • recommended for smooth surfaces to avoid the chair from slipping away during the MOTOMed training • adjustable length by means of tension belt for the ideal distance to the MOTOMed 	89.-
	<p>203d 2 chip card readers in the 2 MOTOMed operating panels</p> <ul style="list-style-type: none"> • integrated into the MOTOMed viva2 cockpits • transfers the training data to the chip card • reads the individual sequence programs which are stored on the chip card and controls the MOTOMed • already included in the complete package of the Training Analysis Program MOTOMed sam2 (Item no. 230d) for both cockpits 	2)232.-
	<p>204 chip card</p> <ul style="list-style-type: none"> • stores the data of several training sessions of one person • individual procedure program and personal device settings can be programmed into the operating panel • individual device settings can be programmed • 2 chip cards are included with „sam2“ (Item no. 230d) 	7.-