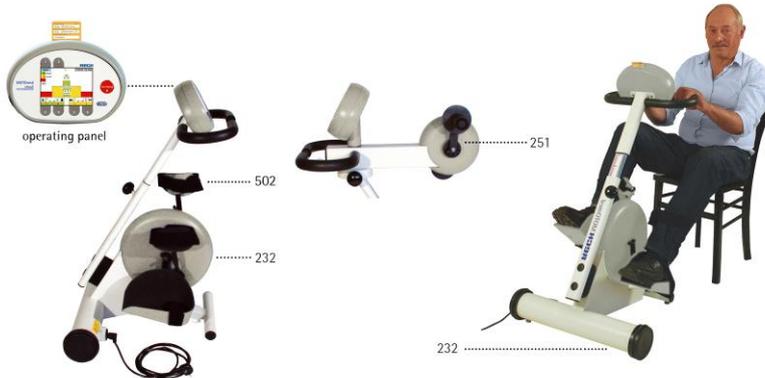


Parkinson's Treatment by Fast, Passive Movement Therapy



1. loosening of cramps and stiff muscles (rigor)
2. can help to reduce tremors significantly
3. helps to overcome initial blockings and lack of flexibility
4. maintaining and strengthening muscles, improving the endurance
5. positive effects on balance and coordination
6. stabilization and improvement of the walking ability

Leg trainer basic model¹⁾

232 MOTOmed viva2_Parkinson

- incl. SmoothDriveSystem for passive movement up to 90 rpm
- incl. chip card reader in operating panel and one chip card
- incl. safety foot shells and handlebar
- incl. operating panel with large, user-friendly color display
- incl. the functions: ServoCycling, MovementProtector, 13 TherapySequencePrograms incl. Parkinson TensionReleaseProgram, SymmetryTraining, MotivationProgram MOTOmax, training analysis in the operating panel and foot insertion aid

Accessory arm/upper body training¹⁾

251 Arm / upper body trainer, passive and active for MOTOmed viva2_Parkinson

Accessory coordination training¹⁾

202 CoordinationProgram 4-Segments

230P Training Analysis Program MOTOmed sam2

506 Self-operating foot holders (pair)

Further accessory¹⁾

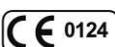
275 "Cardio function" incl. ear clip-measured pulse control

¹⁾for further information please see pages 2-4

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

Optimal therapy success and maximum efficiency due to

- easy operation with large operating panel and intelligent, colored user guidance as well as large palpable buttons
- individual TherapySequencePrograms, especially for Parkinson's
- visible therapy success: training feedback during the training and a detailed training analysis at the end
- MotivationProgram MOTOmax



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



MOTomed viva2_Parkinson with large user-friendly operating panel, safety foot shells and handlebar

item no.
232

INNOVATION: MOTomed SmoothDriveSystem featuring a passive speed of 90 rpm

The specifically designed, highly sensible motor control software provides a pleasant, tension releasing passive movement up to 90 rpm. The fast and smooth movement has a relaxing effect on the muscles and can help to become more flexible and to reduce the tremor by more the 30%. The MOTomed movement helps to get started in the morning, can reduce pain from tensions and malpositions. Therefore facilitates the tasks of daily living.

The MOTomed viva2_Parkinson contains the following functions:**MovementProtector and TensionReleaseProgram**

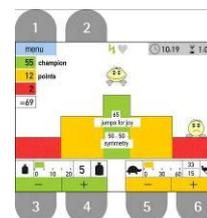
The safety software constantly monitors the muscle tone of the user. Detects and releases tensions according to the therapeutically principle of the antagonistic constraint.

**ServoCycling and active resisted training**

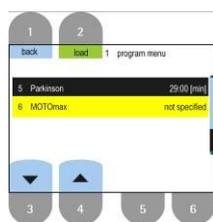
Users with little residual muscle strength can use the ServoCycling function (motor-assisted training) to build up their residual strength. There are 20 different resistance levels to adjust the difficulty according the individual training level. Active resisted training improves muscle strength and endurance and therefore the walking ability.

**SymmetryTraining**

A graphic and percentaged analysis of the left and right leg and arm activity while training with own muscle strength. Strength, endurance, coordination and concentration are being trained.

**MotivationProgram MOTOmax**

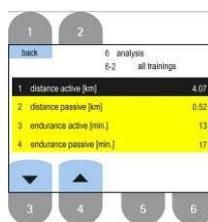
The new MotivationProgram MOTOmax offers more motivation and fun for an exciting training. Coordination, concentration and muscle strength are trained simultaneously. The reward is a smiling face, jumps for joy and champion points.

**TherapySequencePrograms**

13 TherapySequencePrograms depending on the indication, therapy goals and individual possibilities come as standard. Individual programs as well as preset programs can be adjusted according to the needs of the user. The integrated TherapySequencePrograms for Parkinson's combines relaxation sessions with coordinately elements.

**Biofeedback**

Simple, large and clearly arranged overview of the most important data. Therefore the user can clearly see the training purpose and the way he trains in order to optimize his individual therapy.

**Training analysis after the training**

Up to 30 significant training data values can be displayed at the end of every training session. Additionally there is a summary of all training sessions saved to the MOTomed. This allows for easy tracking of your long-term training results.

**Choice of 27 languages**

You can choose out of 23 written languages and 4 picture languages. Please ask us for more details.

item no. description / features



- 502 Leg guides with calf shells (pair)**
- guide the legs and hold them safely
 - spring-mounted calf shells fit comfortably around the calves
 - velcro straps for comfortable fastening
 - flexibly mounted and height adjustable (from 9 cm/3.54 in. to 16 cm/6.3 in.)



- 506 Self-operating foot holders (pair)**
- soft foam rollers gently and securely stabilize the feet
 - solid support even at strong tensions by safety lock
 - for inserting and removing the feet quickly and easily without any extra help.



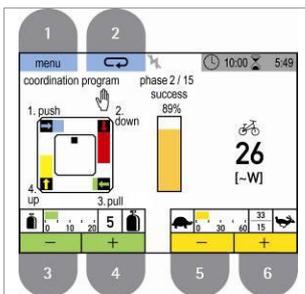
- 538 Ankle joint control with expander adjustment**
- For a targeted adjustable movement of the ankle joints (dorsal flexion and plantar flexion)
 - left and right leg can be adjusted individually
 - therapy for prevention from edema
 - recommended for drop foot and thrombosis prevention for the intensive boost of the blood circulation

Accessory arm training



- 251 Arm/upper body trainer, passive and active for MOTomed viva2_Parkinson (90 rpm)**
- for active und **fast passive training with up to 90 rpm** of the arm, shoulder and back muscles
 - can be swiveled in and out of the training area: provides most leg room when training the upper extremities, no interference with leg training.
 - incl. swiveling handlebar for a better leg training
 - height can be adjusted without tools
 - all control functions (speed, motor power, resistance levels, TensionReleaseProgram, forward/backward, Servo Cycling etc.) can be operated through the operating panel.
 - incl. SymmetryTraining and MotivationProgram MOTOmax

Accessory coordination training



- 202 new 4-Segment-CoordinationProgram: measurement, feedback, and training analysis on the screen**
- 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
 - shows the activity of each muscle group
→ „sam2“ (item no. 230P) is recommended for an effective training evaluation



- 230P new Training Analysis Program MOTomed sam2**
- The complete package (hardware and software) consists of:
- 1) Training Analysis Program „sam2“ and simple printing program „sPrint“ (daily/long term printout with one mouse click)
 - 2) 1 chip card is included (Item no. 204, please see page 4)
 - 3) chip card reader (Item no. 205b) for laptops and desktop-PCs
- increases the motivation and joy for the training
 - effective and exact training analysis by means of PC printouts
 - simple success control and documentation

(system requirements: operating systems: Windows 2000, XP, Vista, 7, USB connection for the chip card reader and min. screen resolution of 1024 x 768 pixels)

item no. description / features

**275**
new**Pulse control Cardio16 = pulse monitoring and automatic control of the resistance levels (hardware and software)**

- pulse control Cardio16 incl. pulse monitoring with ear clip (with a cable from the MOTOmed operating panel to the ear clip)
- pulse control Cardio16 incl. pulse monitor with chest belt (wireless, chest belt with transmitter, receiver in the MOTOmed operating panel)
- resistance level control according to the optimal individual performance (increase or decrease):
 - upper and lower pulse limit can be freely selected (or via the date of birth on the chip card automatically controlled). When reaching the limit, the resistance level is automatically being increased or decreased (Increase effects only up to the preset value)
- helps to avoid over-exercising and creates an effective and safe training
 - the safety function of the MOTOmed: shutdown if the critical pulse predominates for more than 15 seconds (e.g. 160; default setting)
- can be used with all user specific training programs and additional programs such as the neuro and ortho program.

276
new**204**
new**chip card**

- stores the data of several training sessions of one person
- individual TherapySequencePrograms and personal device settings can be programmed into the operating panel
- 1 chip card is included with „sam2“ (Item no. 230P)

²⁾ Extra charge additionally to the basic model MOTOmed viva2_Parkinson (item no. 232)

For further information, latest news and an individual advice we are glad to assist you.
You can reach us via telephone: +49 7374 18-85 or via e-mail: info@motomed.com