Groundbreaking medical movement therapy.

MOTOmed® muvi
Movement is a miracle.


»We have more than 600 muscles in our body. Some movements are so complex that they activate eighty percent of them at a time.«

Bewegungswunder Mensch; ARD*
Sometimes I take my time to develop visions.

Movement is simultaneous MOTOmed, muvi
The MOTOmed professionals. Understanding the miracle of movement. Changing the status quo of on-device movement therapy. And redefining it. Simultaneous leg and arm/upper body movement. Up to 80% of the skeletal muscles can be activated. At the same time. Unique. Or separately. Exclusively legs, exclusively arms. Moving the body, relieving and straining it. Passive, motor-assisted and active resistive. Optimizes: the time management, therapy expenditure, efficiency. MOTOmed muvi. Experience various benefits. Especially in neurological, orthopedic and cardiology rehabilitation. And in geriatrics.

Movement is an expression of personality

Training modes


Motor-assisted – supported movement. Train with minimal muscle strength. Switch from passive to active training without any strain.

With muscle power – muscle strengthening. Against finely adjustable resistance levels. Targeted muscle training for optimal strengthening and endurance.

In intervals – alternating between passive and active movement. Increasing duration of training. Increasing efficiency. For a lasting training success and for having fun.

which offer new perspectives to those, who need
Sometimes movement can change our world

**MOTOmed ServoCycling**
Discovering residual muscle strength. Targeted muscle training. Muscle strengthening. Being able to willingly use these muscles again. MOTOmed ServoCycling. Inspired by automotive servo-steering. The MOTOmed senses the smallest active impulses. And supports the user to keep moving.

**Smooth-DriveSystem**
Increased muscle tone. Loosened and released smoothly. MOTOmed Smooth-DriveSystem. Sensitive drive technology. The gentle controlled belt drive system guarantees an even and smooth pedal movement. And muscle pain relief.

**Movement-Control**
Suddenly. Spasticity. Freezing. The MOTOmed stops the pedal movement gently. The MOTOmed MovementProtector senses slightest changes in muscle tone. A harmonic interaction: After a short relaxing phase the MOTOmed SpasmControl smoothly starts. Following the therapeutic principle, an automatic change of direction of rotation loosens the cramp. A bending spasm is loosened by stretching, a stretching spasm is loosened by bending. Patients can rely on this safety feature. And will be enjoying the movement more and more.

**Therapy goals**
Biofeedback
The MOTOmed muvi provides feedback. In real-time. During and after the training. Duration. Distance. Symmetry. Total energy. Tone. Average and maximum active performance. Active distance, passive distance. Optional display functions: the most important training values displayed in a complete overview or individually in large font.

Color touch screen
Set training values by touching the screen. Start and navigate the training. Zoom pictures. Move the control bar with a gesture of the fingers. And initiate software updates with the USB stick.

MOTOmed games and movies
Popular and engaging: therapeutic games. Control the training via the interplay of affective and physical performance. So is the symmetry training with billy balance: strengthen weak muscles or extremities in case of muscular deficits and imbalances. Collect points. Discover your capabilities with the dimetrical game multitask. Train symmetry together with coordination. Or train evenly with Lilly Jane. Be relaxed while watching a training video with background music during your training session. That is motivating!

MOTOmed therapy programs
Focus your training on symptoms, therapy plan and personal strength. And make use of therapy programs with predefined settings.

Loosening program
Passive movement. Especially with spasticity and cramps. For better body awareness and mobility. In case of stroke, multiple sclerosis, craniocerebral trauma, spinal cord injuries.

Endurance training
A lower resistance level is applied continuously over a longer period of time. This leads to better basic fitness and health.

Muscular strength training
The level of resistance is higher than during endurance training. Hence the duration of training can be shorter. For a better strength and better muscular endurance.

With the Medical device MOTOmed muvi a vision is turned into reality.
Pleasant movement, adapts individually

**Vertical adjustment**
Supported by gas spring. Stepless. Simple adjustment of the height. The MOTOmed is compatible with the majority of body sizes.

**Horizontal adjustment**
Regulating the distance between user and arm/upper body trainer. Soft and stepless. Via linear guidance. Plain bearing with damped stop.

**Radial adjustment**
And if you like to train the whole body, the arm/upper body trainer pivots in a 180° rotation without the need for tools. Usability at its best. During leg training the user can support his upper body by holding on to the handle bar.

**Tilting/rotatable operating panel**
For a comfortable and sharp view. The operating panel can be tilted continuously from -3° up to +12° and can be rotated about 270°. Very effective when therapists assist sideways.

**Quick release system**
Fast Comfortable. Easy. Exchange different MOTOmed handles without the need for tools. A safety bracket fixes the handle to the device. For a safe training.

**Color touch screen**
Display surface. Specifically designed for medical needs. With anti-glare effect. Only little dependence on perspective: therapist and patient have optimal sight from various angles. The touch screen is resistive. Light contacts or drops of liquid will not trigger any unintentional actions. Moreover: the screen allows wipe disinfection. Highest technology standards guarantee a carefree movement therapy.

**Insertion aid**
Easy insertion of the feet into the safety foot shells. At the touch of a button the foot shells move into a comfortable insertion position. This enables the patient to act independently.
Time is precious and movement is measurable

The MOTOmed muvi is capable of everything a modern therapy device must accomplish. But differently. The MOTOmed muvi is designed to accommodate the challenges of clinical routine. Measurements and analyses are made. Movement patterns and time too. Because there is no end to the variety of movement patterns, the time that is spent on each patient is limited. That is why time is so precious. For care, therapy and rehabilitation.

MOTOmed muvi. The simultaneous movement concept supports the therapists and nursing staff in their daily challenge of reasonable budgeting and organizing movement therapy. Helping them not to lose the focus. To keep the focus on the patient. Compared to training legs and arms one after the other, simultaneous training saves 50% of the time and improves the therapy efficiency as up to 80% of the skeletal muscles are trained at the same time.

With the MOTOmed muvi, movement therapy is always up to date at your facility. As this new healthcare product is exciting. For everyone. Also for you. Through quality, usability, design, therapy efficiency and profitability.

therapists and physicians all over the world in their intention
The clear design stands for the clear structure of the movement therapy device. Dark colors mark the contact parts between user and MOTOmed: black handles, safety foot shells and drum casings. The surfaces are softly shaped. All used material is easy to disinfect. And meets the high hygiene standards of hospitals and facilities.

Gentle start and stop
The motor always starts and stops slowly and controlled. No abrupt stops during movement therapy.

Human design
Stimulate movement. Or enabling it at all. This is where the company RECX uses their innovation power for. They take the human being as their standard, the highest level in medical technology. The MOTOmed muvi is a certificated medical device which enables optimized handling and secure usage. Function, intuition and aesthetics interact in symbiosis. They communicate quality, identity and charisma without the need for words.

The MOTOmed muvi is emotional. Appealing. Creates confidence and provides safety. Its design meets all current requirements concerning ergonomics. All screen symbols are easily and intuitively accessible on the wide touch screen. The operation is easy. The adjustment is comfortable. An all-metal construction of high-quality ensures longevity and stability.

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to preserve mobility and independence in their patients.
Medical devices
A family business in Betzenweiler, Germany. Established for over 50 years. Competence and reliability. Always in motion for the sake of movement. MOTOmed movement therapy stands for the spirit of innovation and technological know-how.

Development, production and distribution, everything comes from a single source. On site or through trained staff near you. The quality of RECK is convincing. In Europe, Africa, America, Asia, Australia. Worldwide.

«Made in Germany», you can take us up on that. Top product quality, high security standards and professional service.

The MOTOmed professionals. Dynamic and constantly in exchange with physicians and therapists. In the best interest of MOTOmed and an effective movement therapy in hospital, the doctor’s practice or at home: info@motomed.com

MOTOmed also contributes to a relaxed social environment.

Movement therapy with the MOTOmed is multidimensional. The MOTOmed muvi appeals multidimensional: physical, mental, cognitive, emotional, social. Regular MOTOmed movement training balances body, mind and soul. It improves the individual capacity and creates a realistic training goal to keep up the motivation. It encourages personal self-esteem, social integration and leads to a positive attitude towards life. Because if you get good, you can give good.
Our products always have the latest scientific and technological standard. Deviations in function and equipment concerning the shown devices can therefore be possible. Misprints and errors expected. Deviations in terms of colour might be due to printing.

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MOTOmed, muvi

Training adjustments

_vertical supported by gas spring_

_horizontal slide bearing conduct with damped stop_

_radial separated leg and arm/upper body training_

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**TECHNICAL DATA**

<table>
<thead>
<tr>
<th>base model MOTOmed muvi with operating panel</th>
</tr>
</thead>
<tbody>
<tr>
<td>weight (kg)</td>
</tr>
<tr>
<td>50,3 kg</td>
</tr>
<tr>
<td>measurements (mm) base model height x width x depth</td>
</tr>
<tr>
<td>1240 x 593 x 825 mm</td>
</tr>
<tr>
<td>measurements (mm) operating panel height x width x depth</td>
</tr>
<tr>
<td>320 x 245 x 43 mm</td>
</tr>
<tr>
<td>screen diagonal (in)</td>
</tr>
<tr>
<td>12,1&quot; / 30,48 cm</td>
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<tr>
<td>screen solution</td>
</tr>
<tr>
<td>1240 x 800 Pixel</td>
</tr>
<tr>
<td>mains voltage (V)</td>
</tr>
<tr>
<td>100 – 240 V~</td>
</tr>
<tr>
<td>mains frequency (Hz)</td>
</tr>
<tr>
<td>47 – 63 Hz</td>
</tr>
</tbody>
</table>

Made in Germany

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**QUALITY MANAGEMENT**

We are certified

MADE IN GERMANY

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**CE 0124**
A powerful product family
MOTOmed. Made by humans for humans. Movement therapy sitting in a wheelchair or on a chair. The muvi: simultaneous, aesthetic. Or the viva2: established, manifold. Also compatible with accessory device for electrical stimulation (FES). Or especially for Parkinson's therapy. For children: the gracile. Adjustable to children's growth. Or in supine position with the letto2. Both in bed or on a dialysis couch. And adequate equipment helps with special needs. Of course the MOTOmed wants to contribute to a successful therapy with a lot of people.

Wheelchair and chair  MOTOmed viva2

Children  MOTOmed gracile2

Bed or couch  MOTOmed letto2

MOTOmed professionals look forward to advising you in the right choice of your MOTOmed model and inform you about adequate accessories.

Please do not hesitate to contact us. We call you back: phone +49 7374 18-85 or by email info@motomed.com