



**Motorized** MovementTherapySystems – specifically designed for the needs of children.

**The MOTomed gracile consists of the following features:**

- Suitable for very narrow leg positions: the distance between the inner rims of the foot shells is only 12 cm/4.8 inches
- Height adjustment of the pedal axle including foot shells from 26 to 46 cm/10.4 to 18.4 inches (from the ground). Therefore the MOTomed gracile is adjustable to various wheelchair heights, seating cushions and accommodates the growth of your child.
- Passive training with motor
- Active training with muscle strength, assisted by the motor
- Active training with muscle strength against adjustable resistance levels



Independent and above all, safe training when paralyzed, having spasticity or weakness are the prerequisites for:

- frequent and daily use
- high therapy success
- highest cost-benefit-ratio

**Operation**

The operation of the MOTomed gracile is safe and easy. All functions can be adjusted with a removable remote control over buttons and a display. Specifically designed for children with handicap.

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**Motor assisted training**

of legs and arms. Movement Therapy with the MOTomed gracile can counteract consequences of a lack of movement like cold legs, stiff joints or poor digestion.

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**MOTomed SmoothDriveSystem**

helps ease tension, spasticity and stiffness. The rotation of the MOTomed gracile starts up very gently and eases pain in a soft way.

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**MOTomed MovementProtector and SpasmControl with automatic direction change**

The MOTomed gracile detects sudden spasms and stops immediately. The SpasmControl can then ease the spasm in accordance with the therapeutic principle.

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### MOTOMed ServoCycling

for weak or hidden residual muscle strength. The MOTOMed gracile makes out even the weakest residual muscle strength in legs and arms and enables targeted training and strengthening.

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### MOTOMed training promotes the walking ability

Muscle tensions (spasms) and diminishing basic fitness make walking more and more difficult. Training with the MOTOMed gracile helps to build up, maintain and develop basic fitness.

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### MOTOMed leg insertion/removal aid

for comfortable insertion and removal of the legs into/from the foot shells.

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### MOTOMed SymmetryTraining

Graphic feedback of right and left leg activity during active and motor assisted training. Targeted training of the weaker side with the MOTOMed gracile.

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### MOTOMed Training analysis (performance feedback)

Daily motivation through visible results: Training data and progress readouts like time (min), distance (km), velocity (rpm), performance (approx. watts) etc. are presented in a rolling-update format during the training and as a summary at the end of the training session. Particular feedback data can be hold by pressing a button.

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### MOTOMed handlebar

Ergonomically formed and covered with washable foam sheath. For safe hold during strong spasms and active training.

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### MOTOMed Safety foot shells

enable comfortable insertion of the feet and provide secure support during the training.

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### Leg guides with calf shells

hold and guide the legs safely.

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## **MOTOMed gracile accessories for training the legs**

[Pedal radius quick adjustment](#)- quick and precise adjustment of the range of rotation of the pedals

[Wheelchair stabilizer](#) - secures the wheelchair from tilting or sliding backwards

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## **Accessories for training the arms/upper body**

[Upper body trainer, passive and active](#) - train upper body and arms

[Forearm shells](#) - attachment and support for the hands and forearms

You can find these and further accessories in [>> MOTOMed gracile accessories](#)

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