

MOTOmed loop light



MOTOmed[®] LOOP EDITION



MOTOmed loop on top

With the new and innovative height adjustment, users can adjust the height of the MOTOmed loop without using tools. This feature allows the leg and arm trainer to be optimally adapted to the user, enabling patients to use the MOTOmed loop from an active wheelchair, electric wheelchair, care wheelchair, a seat shell or even a chair.



All common functions for a high quality primary care

The MOTOmed loop light provides a high quality primary care. This therapy device has all common functions which are needed to guarantee safe movement in case of paralysis and spasms.

The MOTOmed loop light is available as leg trainer, arm trainer or leg and arm trainer.

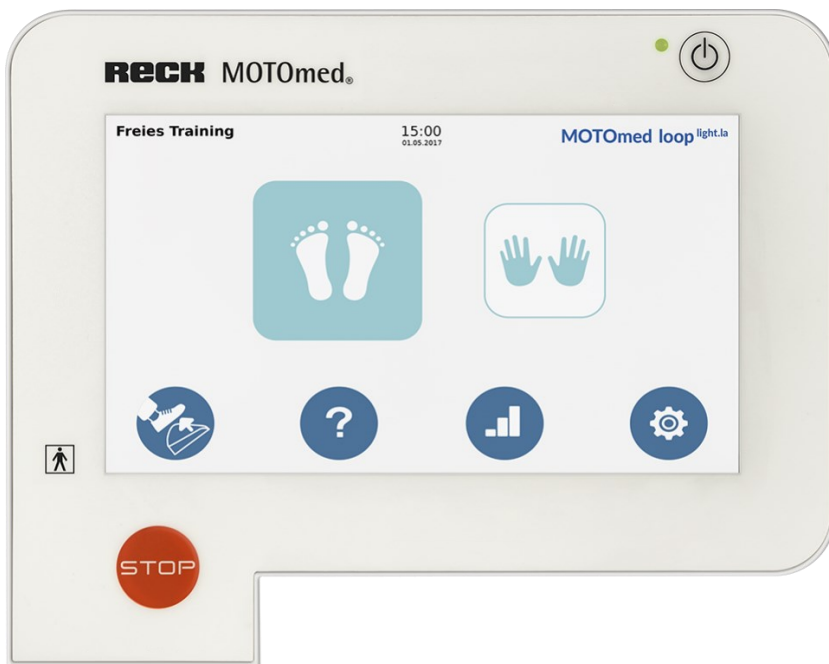
Excellent digital intelligence and intuitive usability

The MOTOmed loop impresses with its unique digital intelligence and its visual appearance. Almost all models can be upgraded in terms of equipment and functionality by means of an Upgrade Bundle. The MOTOmed loop also features its unique height adjustment, with which users can adjust the height of their MOTOmed models without tools, as well as the quick and easy switch from arm to leg training. In addition, the high-quality material of the softly rounded surfaces of the MOTOmed next generation meets the high demands of hygiene management in facilities and clinics.

This also convinced the internationally renowned jury of the **German Design Award 2019** that awarded the MOTOmed loop the "**Special Mention**" award.

Change of Training per touch

Change of training made easy: The change from arm to leg training at the MOTOmed loop light.la is controlled directly on the display. The MOTOmed loop light.la reacts digitally per touch and switches the training mode automatically. The new 7" big color touch display can be operated easily and intuitively and offers intelligent functions of innovative form. Naturally, the display is suitable for wipe disinfection.



Properties

Basic Configuration

- Soft Grip safety foot shells with fastening straps
- Soft Grip handles
- Height adjustment of leg or arm/upper body trainer can be adjusted without tools.
- Pedal axle of the leg trainer is height adjustable from 30 cm to 45 cm.
- Pedal axle of the arm trainer is height adjustable from 90 cm to 105 cm.
- Color touch display (7"), retractable and inclinable.
- Stable metal construction, high quality and stable.
- 2-stage pedal radius adjustment (7 cm or 12.5 cm).
- Closed plastic body (PC/ABS), easy to clean and disinfect.
- Easily movable with large transport rollers (Ø 13 cm).
- Serial interface, USB interface.
- Reduced device stand width to 38.5 cm.
- Color: white/chrome/black.

Technical Data

- Measurements in cm (LxWxH): 70 x 60 x 107-122
- Weight [loop]: 33 kg / 72lbs
- Maximum permissible user weight: 135 kg / 297 lbs
- Screen size: 7" / 18 cm

- Classification according to MPG IIA
- Power supply: 100-240 V~ / max. 120 VA
- Power frequency: 47-63 Hz
- Classification Protection Class II/ Type BF

Functions



Foot insertion aid

In order to easily insert and fasten the feet into the safety foot shells you can position the pedals into the desired position by pushing the respective button on the control panel. This function also facilitates the removal of the feet from the foot shells at the end of each training session.

Movement Protector

In case of spasticity, muscle cramping or any sort of movement blockage, the MOTomed MovementProtector will stop the pedal movement. Special characteristic about this safety feature: The MovementProtector does not remain in a constant mode but adjusts to the changing muscle tension. Therefore, it is always optimally sensitive.



SpasmControl

The SpasmControl with the automatic change in cycling direction helps loosening spasms according to the following therapeutic principle: A bending spasm is relieved by stretching, while a stretching spasm is eased by bending. The motor stops the pedal movement. Legs and arms are relieved and the direction of rotation is switched after a brief resting period. This process is repeated until the cramping is eased.

ServoCycling

Similar to a power steered vehicle, the MOTomed feature ServoCycling supports the user during active training. This function enables, even people with minimal muscle strength, to train actively without overstraining. The feature supports the maintenance and improvement of residual muscle strength.



SymmetryTraining

The MOTomed function SymmetryTraining is beneficial when aiming to targetedly train the weaker side of the body. Depending on the model, the depiction of this function may vary. In MOTomed viva2 models, a two-scale diagram shows the user how much strength they exert with the left and the right body half. The MOTomed muvi depicts this function with an animated figure. This way the user can targetedly train the weaker side. SymmetryTraining also counteracts overstraining of healthy limbs.



Training analysis

The training data analysis will motivate you to engage in a regular MOTomed movement. You can view all important training values (e.g. symmetry, performance, speed, distance and time) during the entire training session on the MOTomed color

display. With the completion of the training, the overview of all available 36 values is displayed. The MOTomed viva2 stores the ''previous training '' along with other training data that is compiled in an overall analysis. These values can be retrieved any time.

Accessories

item no. 302.000



Leg guides with calf shells (pair)

- guide the legs and hold them safely
- the coated calf shells fit comfortably around the calves
- fleecy straps for comfortable fastening
- flexibly mounted and adjustable in length (9.0 to 16.0 cm / 3.6 to 6.3 in.)
- removable calf shell, guide track with

retractable lower part

item no. 265.004



"QuickFix" quick-fastener foot holder (pair)

- For quick fixing and loosening of the feet
- Padding is easy to clean and disinfect

item no. 507.020



Pedal radius quick adjustment (leg trainer, pair)

- with plastic-coated safety foot shells
- stepless or adjustable in 4 levels (5 / 7.5 / 10 / 12.5 cm, 2 / 3 / 4 / 5 in.)
- recommended for joint stiffness (contractures) and in case of spasticity

item no. 562.000



Hand fixation with wrist cuff, size L (piece)

- simple and quick fixation of weak or paralyzed hands to the arm trainer, the handlebar and different types of handles.
- recommended for users with limited grasp function.

item no. 555.000



Tetra handles (pair)

- enables training in physiologic, vertical O-position
- flexibly adjustable arm support

item no. 557.000



Vertical hand grip with hand rest (pair)

- for users who are capable of grasping but need a palm rest
- with slip protection inside

item no. 356.200



Plastic-coated forearm shells with disinfectable straps and quick release system (pair)

- ergonomically designed, with soft padding, 28 cm / 11 in. in length
 - arm support in case of strong paralysis
 - evasive movement (sideways) of the forearm is possible
- for simple and effective cleaning and disinfecting according to high hygiene standards

item no. 556.006



forearm shell with arm cuff

- for paralyzed arms and hands
- ergonomically designed with soft padding
- to fasten and guide the arms
- the handle is adjustable in length and angle

item no. 100.000



Wheelchair stabilizer

- recommended for strong spasms
 - supports the wheelchair: no tilting or sliding backwards
 - for all common wheelchair types
 - with padded support bar for the wheelchair handles
- width of handle support: 580 mm