

# medBike®

*Professional  
Movement  
Therapy*



[www.med.bike](http://www.med.bike)

## The medBike® SB-1

Professional Movement Therapy both for private persons and professionals.

The TFT Touch console displays graphic bio-mechanic flowcharts for easy handling and understanding. The medBike® also uses personal data input to individualise every training session. Each session is finished with detailed feed-back, showing the relevant bio data used in Movement Therapy.

The medBike® App is a great safety feature for professionals. Connect your tablet (Android), keep track of all your patient's exercise history, and share it for patient evaluation.

And use the app for group therapy with multiple patients, allowing remote assistance to every individual.

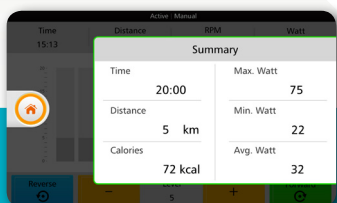
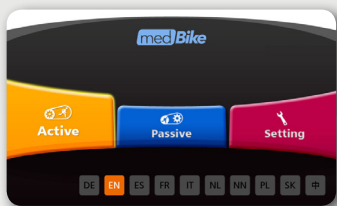
## Easy access

The medBike® can be used from the comfort of any chair or wheelchair. Particularly for patients with limited walking ability, the easy access is a great comfort. Moreover the big 10" TFT, with its' easy and intuitive recognizable controls, is a highly appreciated support. And, medical professionals will appreciate the detailed log with the relevant Kinesiological and Biomechanical data.

## Specifications

- > 634 x 524 x 1006 mm (L x W x H)
- > 34 kg (Net Weight)
- > Speed control 10- 90 RPM
- > Watt control 1- 120 Watt
- > Multiple language software

## 10" TFT display



10" TFT display



Anti-allergic high density grip

Telescopic handlebar post

Safety pedals

Full metal frame (electrostatic spraying)

Durable transport wheels



### ACTIVE MODE

Movement therapy solely based on user strength input.



### PASSIVE MODE

Movement therapy solely based on motorize movement output.



### DUAL MODE

movement therapy based on a combination of user strength input and motor output.



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Uppertrainer SBU-1

The medBike® optional upper trainer is a simple add-on for arms, shoulders and back training.

Change from lower to upper trainer with a simple twist/turn knob. This kit enables both upper or lower active-passive training in just one device.

Height adjustment is easy and quick to suit every individual, and it comes with an adjustable crank radius (60 or 130mm).

Specifications

- > 670 x 553 x 612 mm (L x W x H)
- > 13 kg (Net Weight)



2 in 1



UPPER TRAINER MODE



TWIST & TURN



LOWER TRAINER MODE

Lower Leg Support



20408 Calf Support





Individuals goals



Medical professionals

Motion Training Therapy stimulates the metabolism, helps strengthening muscles, helps bone density, and enhances physical and mental well-being. The medBike® can be an essential part of Motion Therapy Training for people with physical limitation(s), and is safe and effective for anyone who can use it.

The medBike® is equipped with the patented Continuous Control System which allows consistent watt controlled resistance, while monitoring the strength input generated by the user. This is a safe and gentle, but effective way for persons with physical limitations to stimulate muscles and bone cells, and to get moving again after a time of being unable to exercise.

Motion Training Therapy has been proven to be very effective for treatments of MS and Parkinson disease. The balanced and gentle movement of the medBike® in the Pedal-Assisted Mode helps loosening and strengthening muscles and reduces spasticity. The Continuous Control System avoids overstraining the lower and upper leg muscles, hence creating a safe therapeutic movement.

The medBike® offers 3 operating modes: Active, Passive and Pedal Assisted mode.

In each mode the user can program an individual therapy session with specific resistance and time value for every segment. Forward and reverse pedal movement can also be combined into one motion training.

In Pedal Assisted mode, the Continuous Control System senses the strength input of the user, and will assist the rotational movement in accordance with preset parameters.

The medBike® offers a complete and detailed log after each Motion Training session, showing those data that are relevant for Motion Therapy.

The medBike® can be remotely controlled by any tablet or smartphone. Just download the optional App, and connect to the medBike®, using Bluetooth®. This opens up a whole new plethora of motivational features while exercising. Moreover, this allows safe training for those people who may need assistance, without continuous physical supervision.

Motion training is also highly effective in assisting neurologic rehab. Repeating Movement Training is essential for training in case of brain or nerve damages. Frequent and regular movement helps with the recovery of some functions, or parts of them.

## Contact

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