

"The Clinical Advantage"TM

medBike[®]

Adding motion to movement disorders



Motion exercise for people with physical limitations

Safe and effective motion training and cardiovascular exercise for anyone that does not tolerate standing or is too weak to pedal on their own

www.biodes.com/medbike

The medBike requires minimal space and is easy to transport, making it an ideal addition for home exercise.

BIODEX

www.biodes.com
1-800-224-6339

Int'l 631-924-9000



10" display

Non-allergic,
high-density grip

Telescopic handlebar
post, adjustable crank

Full metal frame enamel
powder, electrostatic spraying

Safety pedals

Durable transport wheels



FEATURES:

- For residential and professional use
- Can be used comfortably from any chair or wheelchair
- Highly effective in assisting neurologic rehabilitation
- Research has shown that some people with Parkinson's disease can benefit by exercising in the Pedal Assisted Mode at the higher rpm levels that the medBike can offer



Calf Supports (optional)

For people with partial or complete paraplegia of the lower body, lateral control of the lower legs is highly important during motion training to prevent muscle shortening and joint stiffness. To assure a comfortable and correct position, the optional Calf Supports provide safe guidance.



Motion Exercise

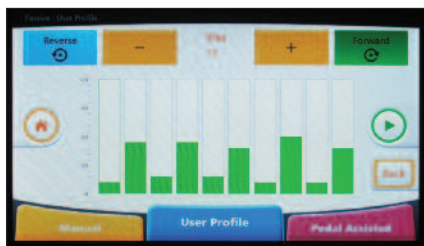
Designed for people with physical limitations, medBike is ideal for independent use by individuals in their home, or in neurorehabilitation settings, SNFs, rehabilitation hospitals, and even private practice. medBike's open design offers comfortable access for those exercising from a chair or a wheelchair.

Proven to be very effective for MS and Parkinson's disease, the motion training of medBike helps loosen and strengthen muscles and reduce spasticity. Research has shown that some people with Parkinson's disease can benefit by exercising in the Pedal Assisted Mode at the higher rpm levels that the medBike can offer, up to 90 rpm. The Continuous Control System avoids overstraining the lower- and upper-leg muscles, creating safe exercise conditions.

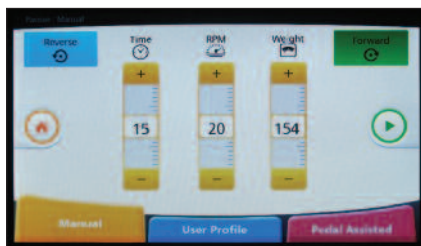
Motion training is also effective in assisting neurologic rehabilitation. Repetition is essential for training when brain or nerve damage exists. Frequent and regular movement helps with the recovery of some function.

Using a mobile App, medBike integrates with any Android device. Assistance can be provided remotely with the performance of up to eight exercise sessions monitored simultaneously. For home use, exercise performance can be stored to the Android or shared via email.

medBike's touch display presents graphic biomechanic flowcharts for easy understanding. Personal data is input to individualize each training session and finished with a detailed log depicting the relevant biodata used in motion training.



Passive User Profile Screen



Passive Manual Screen



Motion exercise for those with physical limitations or wheelchair users.



The Continuous Control System avoids overstraining the lower- and upper-leg muscles, creating safe exercise conditions.

Three modes of operation:

In each mode the user can program a personal exercise session with specific resistance and time values. Forward and reverse pedal movement can also be combined into one motion training.

1. **Active Mode:** – movement relies on user strength input
2. **Passive Mode:** – motorized movement output
3. **Pedal Assisted Mode:** – combines user strength input and motorized output

In Pedal Assisted Mode, the Continuous Control System measures the strength of the user's input and will assist with the rotational movement to meet the selected setting if necessary.

SPECIFICATIONS:

- Dimensions: 26.37" l x 21.66" w x 39.61" h (67 x 55.3 x 110.6 cm)
- Height Adjustable: Telescoping handlebar post
- Display: 10" TFT touch screen
- Hand Grips: Non-allergic, high density; telescopic handlebar post
- Pedals: Fully articulating with heel cup and safety straps
- Finish: Full metal frame, enamel powder, electrostatic
- Wheels: Durable transport
- Speed Control: 1-90 rpm
- Watts: 1-250
- Weight: 75 lb (34 kg)
- Warranty: two years parts and labor

950-192 medBike®

Optional

950-193 Calf Supports

Distributed exclusively by Biodex in the USA only.

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*medBike was developed in close cooperation with
professional therapists, physicians and nurses - people working in the field.
The result is a versatile, compact, and very stable motion trainer.*

www.biodex.com/medbike

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