



RehaMoto

LGT-5100D Config II

Active Passive Trainer for Upper and Lower Limbs

Longest
PHYSIO & REHAB DEVICES

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Health Life Longest Care

Longest

RehaMoto LGT-5100D Config II

Active Passive Trainer for Upper and Lower Limbs

The RehaMoto LGT-5100D Config II is a rehabilitative training device designed to facilitate both active and passive movements of a person's lower and upper limbs. This device features four training modes: active-passive training, assistive training, symmetry training, and isokinetic training. Additionally, it is equipped with multiple protection functions, including spasm control, emergency stop, max. speed control, and speed setting prompt.

The RehaMoto LGT-5100D Config II is primarily intended for therapeutic and rehabilitative purposes. It is an ideal choice for use in clinics and hospitals, providing an effective solution for patients in need of physical rehabilitation.

Application



Physical Therapy
and Rehabilitation



Cardiovascular
Conditioning



Balance and
Coordination Training



Weight
Management



Prevent Muscle
Atrophy



Promote Nerve
Regeneration



8 inch color touch screen
with 0-270° rotation



Handlebar for more
stable lower limb training



Adjustable support for
clients of different heights



Detachable and replaceable
training handle



Transport castors for easy
moving the device anywhere



Equipped with an anti-tipper to stabilize
wheelchairs and ensure safety



Training Mode



Active - Passive Training

Active - Passive training mode combines the active mode and the passive mode. The device turns to the passive mode when it is slower than the preset speed; on the contrary, it turns to the active mode.



Symmetry Training

In the symmetry training mode, the device rotates at the initial rate of 5 RPM. It turns to active mode once it rotates faster than 5 RPM. Please keep limbs as balanced as possible. It is suitable for strength training and symmetry training.



Isokinetic Training

In the isokinetic training mode, the device runs at the set speed. It can detect MST (Muscle Strength), which is suitable for strength training.



Assistive Training

The assistive training mode combines the assistive mode and active mode.

The device rotates at the initial rate of 5 RPM. This program can dynamically adjust the speed by detecting the force acting on the devices. Once the power is weaker than the target MST (Target Muscle Strength), it will lower the speed; on the contrary, it will raise the speed. Once the speed is higher than the target (upper limit speed), it turns to active mode; on the contrary, it will turn back to assistive mode. There is a voice prompt when the mode is switched.



Spasm Recognition

Built-in safety controls to detect spasms and provide immediate relief.

Constant Power Training

Control the energy expenditure of each session.

Symmetrical Training

To achieve visualization training of left and right muscle strength, guiding bilateral muscle strength balance and enhancing coordination.

Immediate Feedback

Clear feedback is provided after training. Training data can be exported to USB for analysis and reporting.

Favourites

Store user-defined protocols in Favourites, saving treatment setup time next time.

Real-time Data

Speed, resistance, muscle tension, and other training data are displayed during training.

Interactive Games

Built-in games are offered to boost the engagement of patients.

