

Standard Accessory

Picture	Name	Function
	Training handle grip	Forearm Support & Fixation
	Wheelchair two-point anti-tipper	Wheelchair Fixation

Optional Accessory

Picture	Name	Function
	Training handle kit	Upper Limbs Training
	Training cuffs	Hand Fixation
	Type-Y anti-tipper	Wheelchair Fixation

Longest
PHYSIO & REHAB DEVICES

Guangzhou Longest Medical Technology Co., Ltd.

Address: 301 & 401 of Building 2 & Building 3, No.96, Chuangqiang Road, Ningxi Street, Zengcheng District, Guangzhou, Guangdong Province, 511399, China

Tel: 86-020-66353999 **Fax:** 86-020-66353920

E-mail: export@longest.cn **Website:** www.longestmedical.com



RehaMoto LGT-5100P

Upper & Lower Limbs Active Passive Trainer



Health Life · Longest Care

Longest

RehaMoto LGT-5100P

Upper & Lower Limbs Active Passive Trainer

The RehaMoto LGT-5100P is designed to use in rehabilitation facilities to provide patients suffering from neurological conditions or after surgery with safe, effective, and pleasant movement therapy for the lower and upper extremities.

It can help prevent, reduce, and improve ailments related to mobility, including: muscle spasticity, muscle atrophy, limited mobility, poor circulation, and reduced balance and coordination.

Technical Specification

Dimensions (W×L×H)	700×760×1065mm
Training Modes	5
Standard Weight	45.5kg
Interface	8" touch screen
Rotate Speed	5-60 r/min
Resistance Level	0-24
Spasm Level	OFF,1-10
Spasm Relief Rate	1-5
Timer	1-120 min



INDICATIONS

- Stroke
- Skull and brain trauma
- Parkinson's disease
- Cerebral Palsy
- Multiple sclerosis (MS)
- Muscular diseases such as muscular dystrophy
- Cardio-vascular problems
- Arthritis and osteoarthritis
- Other problems leading to hypokinesia

TRAINING MODES

⊕ 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.

⊕ Assistive Training

The Assistive Training mode combines the assistive mode and active mode.

This program can dynamically adjust the speed by detecting the force acting on the devices. Once the power is weaker than the preset myodynamia, 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.

⊕ Symmetry Training

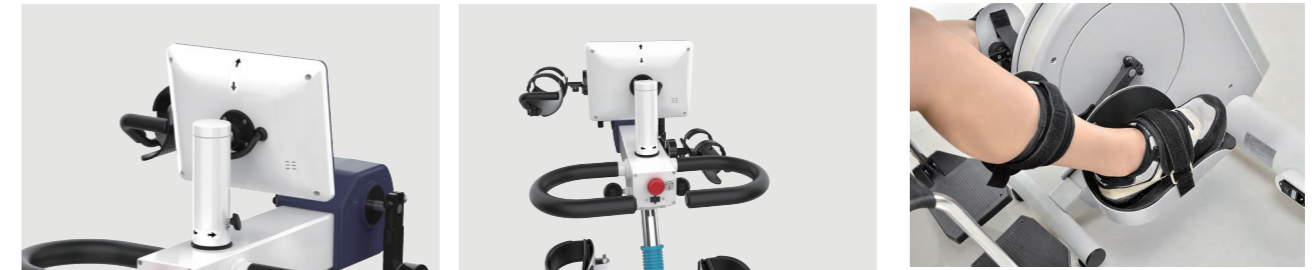
In the Symmetry Training mode, the device rotates at the initial rate of 5 RPM. It turns to Active mode once it rotates faster than 5 RPM. Please keep limbs as balanced as possible. It is suitable for strength training and symmetry training.

⊕ Isokinetic Training

In the Isokinetic Training mode, the device runs at the set speed. It can detect myodynamia, which is suitable for strength training.

⊕ Fine Motor Training

Fine Motor Training mode is designed for finger function to train hand-eye coordination. You can adjust the ratio of gophers on both sides and how long the gophers appear in the system setting interface.





Symmetrical Training

To achieve visualization training of left and right muscle strength, guide bilateral muscle strength balance and enhance coordination.



Constant Power Training

Control the energy expenditure of every session.



Interactive Games

3 inbuilt games to improve patient engagement.



Real-Time Data

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



Favourites

Store user-defined protocols to Favourite, saving treatment setup time next time.



Spasm Recognition

Inbuilt safety controls to detect spasms and provide immediate relief.



Immediate Feedback

Clear feedback after training. Training data export to USB for analysis/reporting.



FEATURES

Radius Adjustable Crank

Cover all heights and leg length; large scale of convenient adjustment.

Emergency Stop

The emergency stop button is designed to stop operations in case of incidents.

Calf Support Kit

Hold legs in the neutral position; keep normal movement trajectory; prevent knee injury.

Touch Screen

8" touch screen; Android system; 270° horizontal rotation & 90° folding.

Servo System

High performance servo motors ensure smooth operation.

Flexible Movement

With movable wheels, the device can move to anywhere without much effort.

Safety Features

Training handle grips to support weak arms; Anti-tip wheelchair hooks, ensuring safe training for wheelchair users;

