

Standard Accessory

| Picture   | Name                | Function                 |
|---|---------------------|--------------------------|
|  | Training handle kit | Hand-grasping assistance |
|  | Training cuffs      | Hand fixation            |
|  | Type I: Anti-Tipper | Wheelchair Fixation      |

Optional Accessory

| Picture   | Name                 | Function                  |
|---|----------------------|---------------------------|
|  | Training handle grip | Palm rest & hand fixation |
|  | Type II: Anti-Tipper | Wheelchair Fixation       |

Longest

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RehaMoto  
LGT-5100P

Active Passive Trainer for Upper and Lower Limbs



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# Active Passive Trainer for Upper and Lower Limbs

The LGT-5100P is a rehabilitative training device suitable for the active and passive movement of a person's lower and upper extremities.

- Five training modes, Active-Passive Training, Assistive Training, Symmetry Training, Isokinetic Training and Fine Motor Training.
- The device can connect the heart rate sensor via Bluetooth to display real-time heart rate during training.
- Multiple protection functions: Spasm control, Emergency Stop, Heart Protection, Speed setting prompt.

## Technical Specification

|                         |                 |
|-------------------------|-----------------|
| Dimensions in mm(W×L×H) | 710×760×1072mm  |
| Training Modes          | 5               |
| Standard Weight         | 46.5kg          |
| 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

- Strokes
- 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 lead 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.



### Game Training

Enhance the fun of training and improve the initiative of users.



### Real-time Data

Speed, resistance, muscle tension and other training data are displayed and adjusted in real-time.



### Favourites

Store favourite training parameters, also called as user-defined programs.



### Spasm Recognition

Intelligent spasm setting, identification and protection system for safe training.



### Immediate Feedback

Show users' training results and rehabilitation data immediately.



## FEATURES

### ④ Stepless Radius Adjustable Crank

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

### ④ Emergency Stop

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

### ④ Smooth Calf Support Kit

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

### ④ Touch Screen

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

### ④ Servo System

High performance servo motors ensure smooth operation.

### ④ Flexible Movement

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

### ④ High Protection

Straps for hands fix the hands' position; anti-tipper fix the wheelchair's position.

