

## RehaMoto LGT-5100D - Rotor for active and passive training of upper and lower limbs

### Product short description:

**RehaMoto LGT-5100D** is an upper and lower limb rehabilitation rotor with 4 training modes, ideal for people with neurological conditions. The device prevents muscle atrophy, improves circulation and increases joint range of motion, allowing both wheelchair patients and those with limited mobility to train safely.



### Product gallery:





## Product description:

### RehaMoto LGT-5100D - Rotor for active and passive training of upper and lower limbs

LGT-5100D is an advanced rotor for active and passive training of the upper and lower extremities. It is an effective device for people with neurological conditions and mobility problems, allowing them to train their bodies while sitting in a wheelchair. The rotor has four training modes (passive training, constant speed training, assisted training and active training) and a spasticity control function.

As a low-load exercise, the rotor provides many benefits to patients suffering from long-term immobilization. It helps prevent muscle atrophy, osteoporosis and joint contractures, improves blood circulation and cardiorespiratory function, increases joint range of motion, and strengthens muscle strength and endurance.

## Versatile

Four training modes meet the different needs of patients in the recovery process:

- Active-passive training improves strength and increases range of motion for patients with reduced muscle strength. The rotor provides full control over pedaling speed, number of revolutions, and load levels.
- Assisted training helps patients with limited muscle strength complete the pedaling exercise, which

strengthens muscles and improves coordination.

- Symmetrical training displays the left and right limb training levels on the screen to allow proper adjustment, which improves bilateral muscle strength balance and enhances coordination. Isokinetic training enables patients to perform pedaling cycles at a constant speed with varying levels of resistance.

## Safe

- Optional wheelchair attachment kits immobilize the wheelchair, ensuring a safe and comfortable workout for patients.
- Hand straps provide support for weakened hands and prevent slipping.
- Optional calf supports provide secure foot positioning on the pedals, preventing slippage and guaranteeing stability of the lower leg and ankle.
- Recognition of spastic contractions enables the rotor to swiftly identify and alleviate spasms.

## User-friendly

- The 8-inch color screen rotates 270° and has an intuitive interface for easy operation.
- Small wheels on the bottom allow you to effortlessly move the trainer.
- An immersive game improves the rehabilitation exercise experience.

## Usage:

Active and passive training rotors are commonly found in rehabilitation facilities. They provide controlled, low-impact exercise options for people recovering from injuries, surgeries, or medical conditions.

- strokes
- brain injuries
- Parkinson's disease
- cerebral palsy
- multiple sclerosis (MS)
- muscular diseases such as muscular dystrophy
- cardiovascular problems
- arthritis and osteoarthritis
- other problems leading to hypokinesia

## Benefits of Training

- Regain muscle strength.
- Increasing range of motion.
- Improving cardiovascular fitness
- Improving endurance, coordination, and balance.
- Maintain a healthy weight.

## Technical data:

Dimensions (L×W×H)	710×760×1072
Standard weight	55 kg
Interface	8-inch touch screen

Power supply	AC 100-240V, 50-60Hz
Rated power	160 VA
Protection class	Class I, Type B applied part
Time	1-60 min
Rotational speed	5-60 rpm
Resistance level	0-24 (0-12 Nm, 0.5 Nm/level)
Spasticity level	1-10 (1-10 Nm, 1 Nm/level) or OFF
Spasticity relief factor	1-5
Timer	1-120 min

## Standard Equipment

Name	Image	Function	Quantity
Training Handle Set		Hand grip assistance	1 pair
Training Cuffs		Hand fixation	1 pair

## Optional Equipment

Name	Image	Function
Training Handle		Hand support and fixation
Anti-tip stabilizer Type I		Wheelchair mounting
Anti-tip stabilizer Type II		Wheelchair mounting

### Product codes:

Reference: -

EAN13: -

UPC: -

### Product features:

### Product attributes: