

CycleMotus™ A4

Pedal Exerciser of Arms and Legs Training

Support 3 arm training types.



Fourier
Intelligence™



Cross Cycling



Horizontal Training

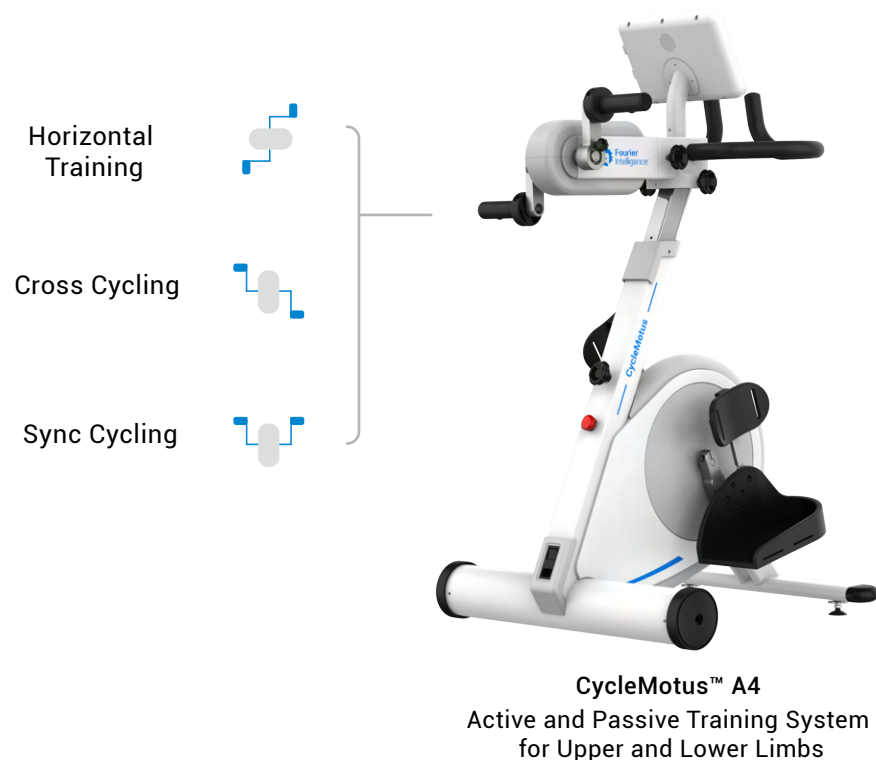


Sync Cycling

CycleMotus™

Active and Passive Training System

CycleMotus™ product series is the perfect solution for the upper and lower limbs training. It can be used in different environment as well as all stages of rehabilitation. It equips with a high-resolution touchscreen display and controlled motor system that allows it to fulfil the training requirements of different rehabilitation stages. The upper limb training can effectively improve cardiovascular health as well as strengthening the muscles group of the arm, upper body and shoulder. The lower limb training targets to strengthen the thigh and calf muscles as well as improving the balance.



Abundant Training Modes Provide Training for Different Positions

Based on the conditions of the user, training can be done in sitting or supine position. Besides, the different training modes can fulfil training requirements in the whole continuum of rehabilitation.



Lower limb training
Sitting position



Sitting position
Upper limb training



Lower limb training
Supine position on a treatment couch



Lower limb training
Supine position on a hospital bed



Sync Cycling



Horizontal Training



Cross Cycling

CycleMotus™ A4 - Active and Passive Training Equipment for Upper and Lower Limbs



Core Technical Specification

*Display the statistics of training process parameters such as exercise mileage, exercise time and energy consumption, provide real-time feedback of training data, and the training results can be quantified, evaluated and reported for output.

*Simple switch between active, passive and resistive of the upper limb; Multi-angle and multi-dimensional training mode for upper limb (horizontal training,

vertical cross-training, vertical horizontal training).

*Able to detect spasticity intelligently and relieve spasticity automatically (identify spasticity and automatically reverse to prevent joint muscle injury); spasticity sensitivity can be divided into three levels: high, medium and low.

Other Technical Specification

- Equipped with emergency stop button
- Equipped with a 10-inch touch screen working desk. A variety of built-in games. Able to interact with users in active mode.
- Adjustable pedal support
- Real-time RPM settings. Reverse setting to zero, and slowly accelerate to set RPM.
- Self-checked function on every start-up to check for any possible error and show it on the monitor.
- Program update function. Program update can be done automatically through the USB disk, convenient and fast.
- Resistant mode current sampling. Allowing resistance control to be more stable.
- Resistance: During active training, resistance settings range between 0-20 units.
- Maximum power: maximum power of 10Nm in passive training mode.
- Revolutions per minute (RPM): Upper and lower limb RPM is 5-60rpm during passive training.
- Time settings: Range between 0 – 99min.
- Rotation angle: horizontal: 180°, vertical: 90° (upper limb)