

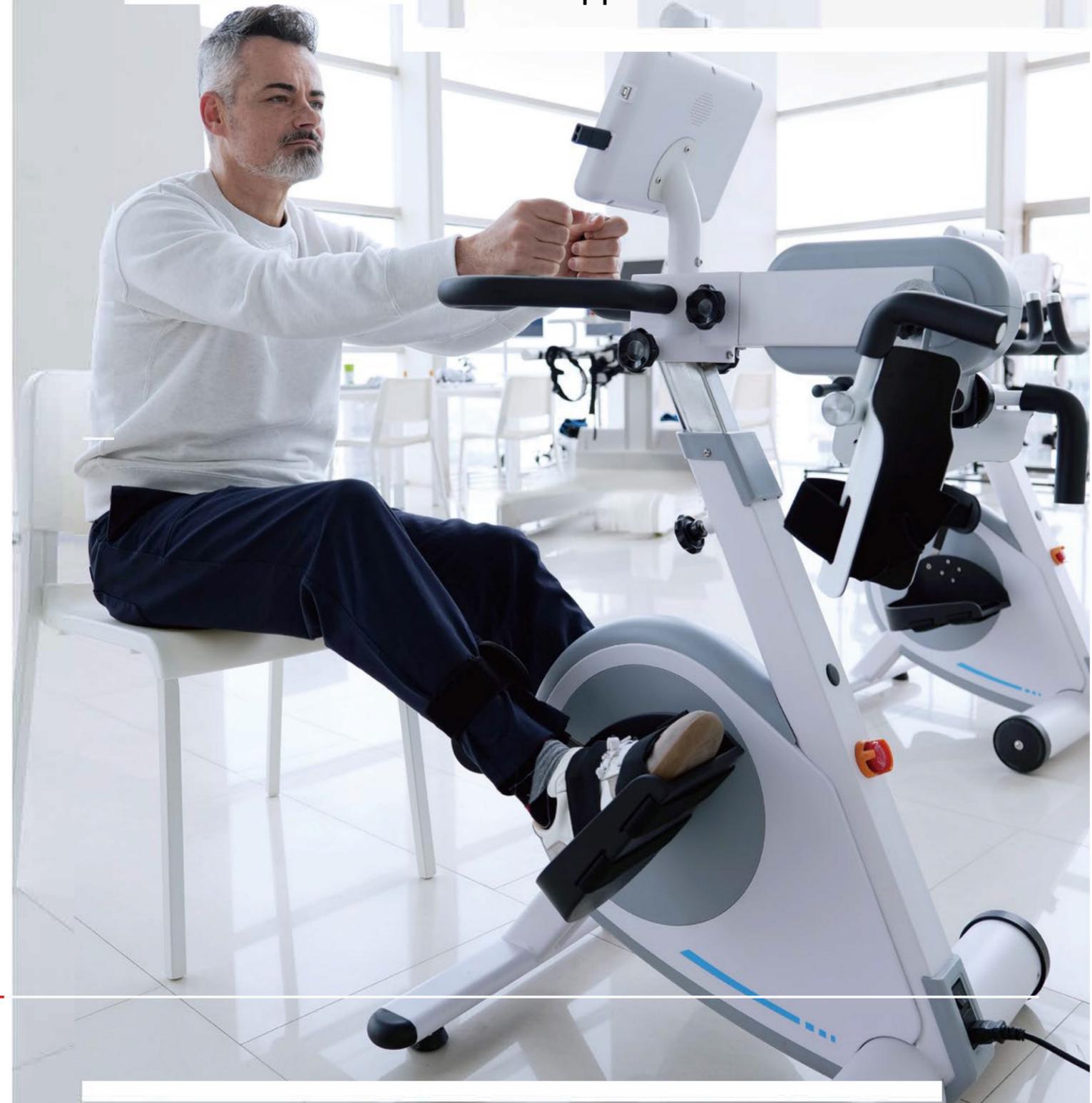
energy®

CycleMotus

energy®

CycleMotus™ Series

Active and Passive Exerciser Training System for
Upper and Lower Extremities



CycleMotus™ Series

Active and Passive Rehabilitation Trainer

CycleMotus™ product series is used for patients to perform active and passive circular rehabilitation training of limbs. It is equipped with a high-resolution touchscreen display and controlled motor system that allows it to fulfil the training requirements of different rehabilitation stages. CycleMotus™ product series can improve patients' cardiopulmonary circulation, muscle strength, limb coordination and other physical functions, thereby improving their daily living abilities.

CycleMotus A4 is used for adult patients with stroke, Incomplete Spinal Cord Injury, Multiple Sclerosis, Parkinson's Disease, etc., to perform rehabilitation training in a sitting position. CycleMotus A4K is designed for pediatric patients to perform rehabilitation training in sitting positions. CycleMotus B2L is based on the concept of early rehabilitation and has mobile functions. It can be used for bedside rehabilitation of patients with Stroke, Post-Myocardial Infarction, Chronic Kidney Failure, etc.



CycleMotus™ A4



CycleMotus™ A4K



CycleMotus™ B2L

Horizontal Training



Cross Cycling



Sync Cycling



Lower Extremity Training



Sitting Posture

Lower Extremity Training



High Sitting

Lower Extremity Training



Supine In Bed

Upper Extremity Training



Sitting Posture

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Multiple Safety Protections

The device is designed with multiple safety protection features to ensure the safety of the user. Besides that, the self-check function allows the device to identify any possible abnormality in the system, ensuring a smooth and safe operation.



Self-Check Function



Real-Time Spasm Detection



Emergency Stop



Auto Prompt



Intrinsic Safe Power Supply

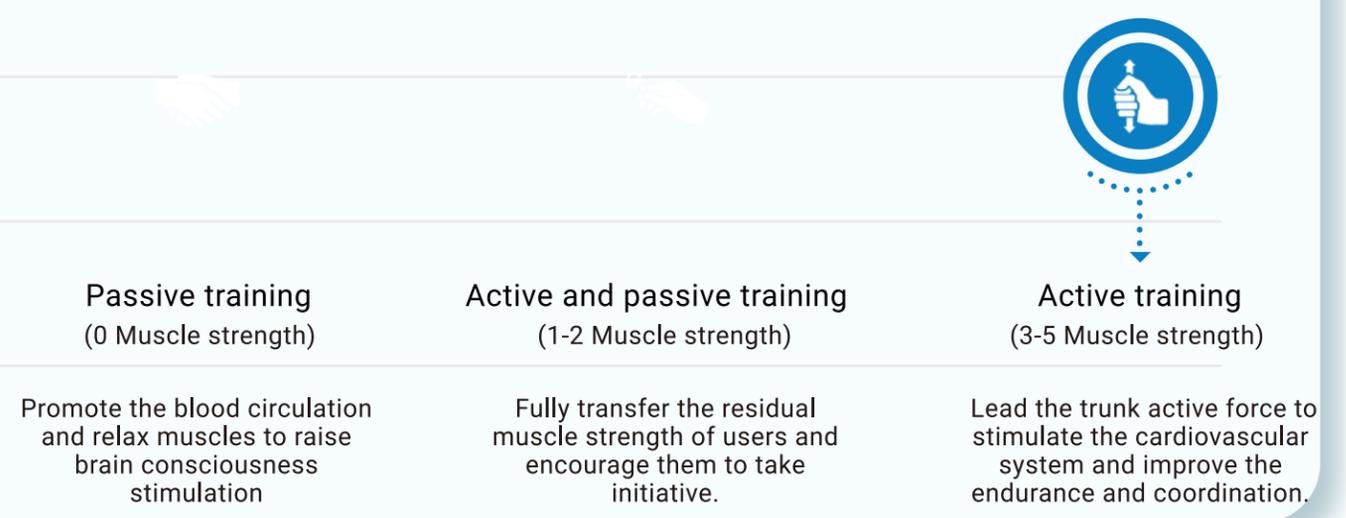




Various Training Types

- 
ROM Training
 Deliver active and passive training to increase the range of motion.
- 
Strength Training
 Improve muscle strength by working against different resistance.
- 
Aerobic Training
 Enhance cardiopulmonary endurance, promote blood circulation and accelerate the functional recovery.
- 
Endurance Training
 Continuous and intermittent training enhances muscle endurance and improves functional recovery.
- 
Harmonious Training
 Enhance the back and waist muscle strength, restore the trunk stability, reinforce the early balance control ability and enhance the trunk strength.
- 
Functional Training
 Extend upper extremity and train the lower extremity to do pedaling activity which simulates daily walking.

Three Training Modes Meet Different Training Needs at Ease



Abundant Training Scenarios

Train to Any Part, Train in Any Position

Considering different physical conditions of the users, CycleMotus™ series provide multiple compound training plans to satisfy various demands of users.



Lower Extremity Training
Sitting Posture



Upper Extremity Training
Sitting Posture



Lower Extremity Training in Sitting Posture
Prone Posture in the special constructed chair

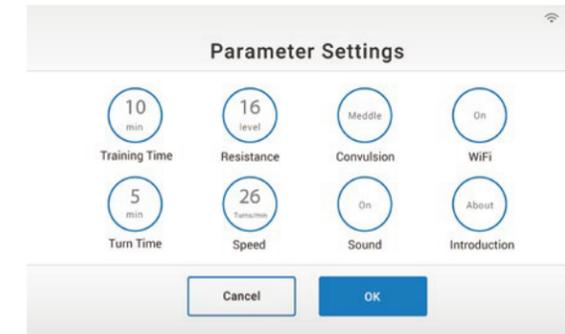


Lower Extremity Training
Prone Posture at Bedside



Smart Training Platform

Enjoy Your Training Process



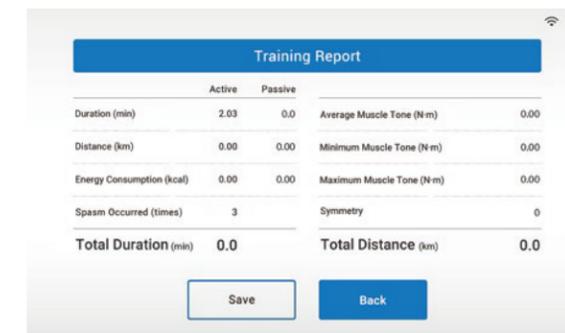
Adjustable Training Parameters

Set multi-parameter training programs according to distinct physical conditions of users.



Immersive Interactive Games

Provide diverse interactive and engaging games to motivate the user to take the initiative to complete the therapy with entertainment.



Digitisation of the Whole Training Process:

The device provides accurate and objective assessment of every movement in terms of motion indicators. An analysis report is only a button press away.



Symmetry Training

Detect different force from left and right side to achieve more task-oriented training.

Technical Data

	CycleMotus™ A4	CycleMotus™ A4K	CycleMotus™ B2L
Training Mode	<ul style="list-style-type: none"> • Upper limb horizontal training • Upper limb cross cycling • Upper limb sync cycling • Lower limb training 	<ul style="list-style-type: none"> • Upper limb horizontal training • Upper limb cross cycling • Upper limb sync cycling • Lower limb training 	Lower limb training
Resistance	0 - 20 levels	0 - 20 levels	0 - 20 levels
Revolution	5 - 60 rpm	5 - 60 rpm	5 - 60 rpm
Upper Limb Trainer Swivel Angle	Vertical 90°, Horizontal 180°	Vertical 90°, Horizontal 180°	N/A
Training Duration	0 - 99 min	0 - 99 min	0 - 99 min
Reverse Time	1 - 30 min	1 - 30 min	1 - 30 min
Height Adjustment	N/A	N/A	100 - 126cm
Height Adjustment for Upper Limbs	83 - 89cm	72 - 78cm	N/A
Height Adjustment for Lower Limbs	N/A	30 - 37cm	N/A
Length Adjustment	N/A	N/A	56 - 76cm

Multiple Safety Protections Protect Every Aspect



Self-Check Function

The device will automatically check itself at boot time to ensure the safety.



Audio Prompt

Deliver audio prompts and guarantee the user following the correct instructions.



Emergency Stop

Any problems occurring in the training can be immediately stopped to ensure the safety of users.



Real-Time Spasm Detection

Real time steering switch: firstly the speed slow down as zero and then slowly speed up to the setting speed in reverse direction.



WiFi Remote Control

Use mobile phones or tablets to control the device for therapists monitoring the training process remotely.



24V Medical Power Supply

Built in 24V medical power module: much safer and would be reliable with the medical low voltage.





ONE STOP SHOP FOR ALL YOUR PHYSIO AND REHAB NEEDS

energy[®]

- Bracing & Supports
- Physiotherapy Modalities
- rPMS
- Spinal Decompression Therapy
- Transcranial Magnetic Stimulation
- Hot & Cold Therapy
- Exercise Therapy
- Cryo Chamber
- Treatment Tables
- Hydrotherapy Pool
- Underwater Treadmill
- Virtual Rehab
- Balancing Platform
- GAIT Lab
- Isokinetic System
- NeuroRehabilitation Robot
- Robotic GAIT Trainer
- Spine & Whole Body Analysis

Imported & Marketed by
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