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

Multiple Training Modes

CycleMotus™ can provide different training modes that cover the whole continuum of rehabilitation including passive mode, intelligent mode and active mode. Besides that, the upper limb training variations allow users to train on their body coordination and carry out functional training.

ROM Training

Delivers active and passive training to increase the range of motion

Strength Training

Improves muscle strength by working against different resistance.

Aerobic Training

Enhances cardiopulmonary endurance, promotes blood circulation and accelerates functional recovery.

Endurance Training

Continuous and intermittent training enhances muscle endurance and improves functional recovery.

Body Coordination Training

Enhances the strength of the back and waist muscle, restores the trunk stability, reinforces early balance control ability and enhances trunk strength.

Functional Training

Extends the upper extremity and trains the lower extremilty to do pedaling activities which simulates daily walking.

Passive Training

Promotes blood circulation and creates conscious linkage

Intelligent Training

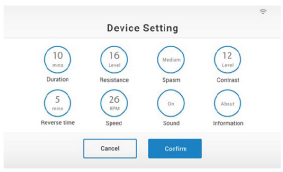
Fully transfers the residual muscle strength of users and induce active participation

Active Training

Trains the trunk's active force to stimulate the cardiovascular system and improve endurance as well as body coordination

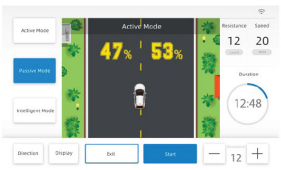
Enjoyable Intelligent Therapy

Adjustable Training Parameters



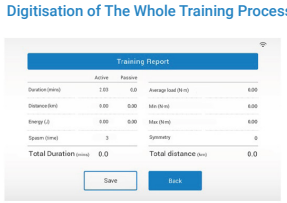
Adjust different training parameters based on the condition of the user.

Immersive Interactive Games



Different training modes integrated with video games provide visual, audio and kinesthetic inputs towards the user, which can retain the user's interest and achieve rehabilitation purpose at the same time.

Digitisation of The Whole Training Process



Real-time feedback and auto-generated report system allows the user to understand their performance easily.

Symmetry Training



Ensure equal efforts from both limbs with targeted and task-oriented training.

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

STOP

Auto Prompt

Intrinsic Safe Power Supply

Technical Data

	CycleMotus™ A4	CycleMotus™ A4K	CycleMotus™ B2L
Training Mode	• Upper limb horizontal training • Upper limb cross cycling • Upper limb sync cycling • Lower limb training	• 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