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China International Rehabilitation Industry–University–Research Cooperation and Innovation Excellent Brand
Artificial Intelligence Medical Rehabilitation Equipment Engineering Technology Research Center of Guangdong Province
Artificial Intelligent Enterprise of Guangdong Province

A3

AI Gait Rehabilitation Robot

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Master the Core Technology,Take Care of People's Health

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LEADER OF INTELLIGENT REHABILITATION IN CHINA

GUANGZHOU YIKANG MEDICAL EQUIPMENT INDUSTRIAL CO.,LTD
Service Hotline：400 6086 168

AI Rehabilitation Robotic IoT Center Solutions

Intelligence Makes Rehabilitation Easier

Neurological Rehabilitation Dedicated Solution

Joint Issues

Posture Coordination Issues

Decreased Muscular Endurance

Gait, Hand Dysfunction

Motor Disorder

Speech

Cognition

Pain & Fatigue

Sleep, Urination & Defecation

Emotional & Mental

Non-motor Disorder

Disorder

Parkinson

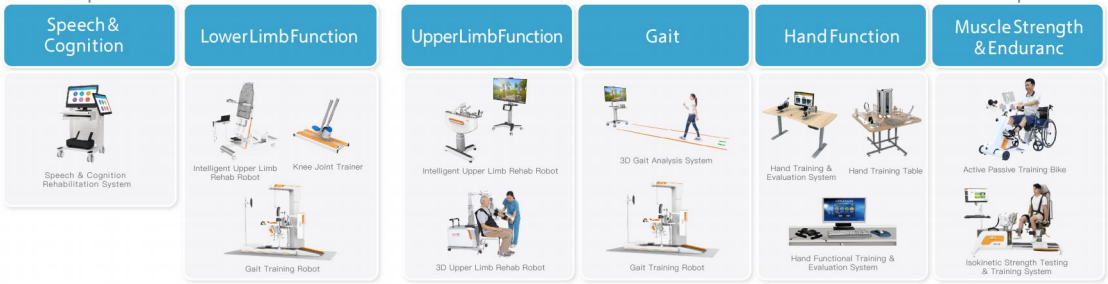
Cerebral Stroke

Alzheimer's Disease

Neuro Rehab

Rehabilitation Evaluation

Rehabilitation Therapy



Orthopedic Rehabilitation Dedicated Solution

Orthopedic Rehabilitation

Clinical Pathway

Drug

Non-Drug

symptomatic treatment

functional rehabilitation

health education

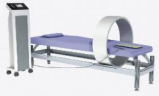
physical agent

High Voltage Treatment System

Super Interference Electrotherapy System

Frequency Conversion Therapy System

Intermediate Frequency Therapeutic Apparatus



Alternating Magnetic Field Therapeutic Apparatus

High Energy Muscle Massage Gun

shock wave

ultrasound

infrared ray

assessment

Multi-Joint Isokinetic Training &Testing System

3D Gait Analysis System

training

3D Upper Limb Rehabilitation Robot

Intelligent Lower Limb Rehabilitation Robot

Intelligent Upper Limb Rehabilitation Robot

Hand Function Passive Training System

Knee Joint Active Training Rehabilitation Apparatus

Active-Passive Rehab Bike

Multi-Joint Isokinetic Training & Testing System

Multi-functional table for hand training

Pain Rehabilitation Dedicated Solution

Diagnose ①

- neuropathic pain
- inflammatory pain
- osseous pain
- cancerous pain
- vascular pain
- traumatic pain
- psychopathic pain

Pain Rehab

② assessment

- pain degree
- dysfunction assessment


Multi-Joint Isokinetic Training &Testing System


Intelligent Lower Limb Rehabilitation Robot


Hand Function Passive Training System


3D Upper Limb Rehabilitation Robot


3D Gait Analysis System

③ treatment

- symptomatic
  - drug
  - physical agent
    - ultrasound
    - infrared ray
    - electro therapy


High Voltage Treatment System


Super Interference Electrotherapy System


Frequency Conversion Therapy System

    - magnet therapy


Alternating Magnetic Field Therapy System


Alternating Magnetic Field Therapy System

    - percussion therapy


High Energy Muscle Massage Gun


Shockwave Therapy Apparatus

    - Treatment Bed


Electric Bobath Table (2 section)


5 Sections Medical Treatment Bed


9 Section Medical Treatment Bed

- functional rehabilitation
  - upper limb function


Intelligent Upper Limb Rehabilitation Robot


3D Upper Limb Rehabilitation Robot

  - hand function


Hand Function Training & Evaluation System


Hand Function Passive Training System

  - walking function


Intelligent Lower Limb Rehabilitation Robot


Gait Training Robot

  - psychological


Speech Dysfunction Rehabilitation Assessment & Training System

COMPANY PROFILE

Guangzhou Yikang Medical Equipment Industrial Co., Ltd. was established in 2000. It is the first company in China to focus on the independent R&D, production and sales of AI intelligent rehabilitation robot equipment. Yikang is committed to the development and promotion of rehabilitation robot intelligent IoT center.

With the development of rehabilitation medical industry, the needs of rehabilitation medical market are constantly upgrading. Starting from the needs of market development, Yikang is continuously expanding new service forms. The intelligent rehabilitation medical center planning and construction turnkey solution is therefore created. With the concept of green, science & technology and caring, it aims to build a rehabilitation medical center with robust system, comprehensive functions, outstanding characteristics and brand competitiveness for hospitals through the input of factors like site planning, talent cultivation, input of technology resources and standardized management and through the provision of a series of solutions.

Under the schema of precision medicine, we provide rehabilitation medical centers with overall solutions for neurological rehabilitation, orthopedic rehabilitation and pain rehabilitation through intelligent rehabilitation equipment technologies, such as upper limb rehabilitation robot, lower limb rehabilitation robot and hand function rehabilitation robot.

Since inception, in order to realize the vision of 'to be a respected intelligent rehabilitation enterprise', our company have alleviated the serious shortage of rehabilitation professionals in China through intelligent robot technology, helped more disabled people who need rehabilitation training to restore their functions as much as possible and improve their life quality, and enabled them to return to their families, society and lead a better life. At the same time, we provide professional medical equipment and service for medical fields such as neurological, osteoarticular, spinal cord injury, geriatrics, cardiopulmonary, pediatric and pain rehabilitation.

Our strong R&D capacity ensures premium product quality and our robust marketing network guarantees excellent after-sales service. Cooperating with medical institutions, disabled persons' federation, civil administration, special education, colleges and universities, sports and other medical education systems, we support professional medical teams and help patients return to their families and society.

Yikang has passed ISO9001, ISO13485 and other quality management system certification. We have more than 100 patents, software products, and software copyrights. Our company has won the titles of "High-Tech Enterprise", "Technology Giant Enterprise", "Software Enterprise", "Artificial Intelligence Enterprise", "Second Prize of National Science and Technology Progress Award", "China International Rehabilitation Industry University Research Cooperation Innovation Award", "Second Prize of the First Rehabilitation Assistive Device Innovation Design Competition", "Excellent Brand of China Rehabilitation Industry University Research Cooperation Innovation", "Construction Unit of TCM Diagnosis and Treatment Equipment Production Demonstration Base" "Guangdong Excellent Rehabilitation Equipment Developer", "Guangdong Excellent Software Product", "Guangzhou Enterprise R&D Organization", etc. We also undertake the formulation of the national key R&D plan "development and application demonstration of spinal cord injury rehabilitation robot", the achievement transformation of the key special project "active health and aging scientific and technological response", the "teaching practice base" of many universities and colleges, and the "rehabilitation medicine achievement transformation base" of many tertiary hospitals.

Taking "Master the Core Technology, Take Care of People's Health" as mission and adhering to the core value of "pursuit of excellence, continuous innovation, premium service and win-win cooperation", Yikang Medical is committed to becoming a leader of Chinese intelligent rehabilitation business.

CONTENTS

Athletic Rehabilitation Series

Assessment Rehabilitation Series

Physical Therapy Series

Rehabilitation Beds Series

A1-3

AI Lower Limb Intelligent Feedback & Training System

New Generation of Intelligent Lower Limb Rehabilitation Robot

Redefine Lower Limb Intelligent Rehabilitation

Motion Performance Optimization

Starting from clinical practice, explore better ways for lower limb training.
0°~90° orthostatic angle adjustment.
0°~45° emulational walking movement angle.
0°~15° adjustable reclining bed.

Intelligent Technology Innovation

One button automatic leg length measurement setting.
One button automatic leg length reset setting.
One button automatic bed restoration to ready condition.

Ergonomic Design

Streamlined bed design to avoid bedsore.
Elevating foot pedal enriches ankle joint movements.
Mobile armrest maintains upper body training posture.
Lower limb adaptability adjustment, optimizing body adaptation.

PRODUCT INTRODUCTION

With intelligent rehabilitation technology and years of clinical practice, Yikang Medical launched Lower Limb Intelligent Feedback & Training System A1-3, which is the accumulation of ten years of experience and the intelligent lower limb rehabilitation equipment of supreme grade in the industry. A1-3 has made breakthroughs and innovations at the three levels of sports performance, intelligent technology and rehabilitation technology. It's the first equipment in the industry to introduce automatic posture memory and recovery technology, which significantly enhances treatment experience. In terms of rehabilitation treatment, there are three levels of lower limb training: passive scene interaction training, unilateral induced training and alternating interactive training. It's the first lower limb intelligent feedback & training system to build a progressive training pathway.

CLINICAL FEATURES

A	B	C	D	E	F
Patented back leaning technology, assists hip extension, closer to physiological gait, suppresses abnormal reflex patterns.	Pioneered automatic adaptation technology, automatic leg length adjustment and one-key reset functions, higher operation efficiency	Real-time display function of joint movement assessment, visualized training process	Ergonomic arm rest design to prevent shoulder dislocation	Adjustable leg and ankle spacing for personalized training settings	Pioneered combination with 8-channel functional electrical stimulation combining walking training and electrical accelerate walking function restoration.

ERGONOMIC DESIGN

Streamlined Bed Design

streamlined design
fit human body curve, reducing pressure

Lower Limb Adaptability Adjustment

leg spacing adjustment
leg length fixation adjustment

Mobile Armrest

maintain and stabilize upper limb posture

Elevating Stepping

adapt to larger range of ankle-foot movement
further recover ankle-foot function

MOTION OPTIMIZATION

Erthostatic Angle Adjustment 0°~90°

The use of zero clearance technology minimizes the shaking of the bed during standing, giving patients a more comfortable treatment experience.

Emulational Walking Movement Hip Joint Motion Angle 0°~45°

A wide lower limb joints movement range can provide a more complete walking training experience, so that each joint of the lower limbs can exercise in a wider extend.

0°~15° Reclining Bed

Increase the reclining angle during continuous stepping training to fully stretch the muscles involved in hip extension.

Exclusive combination of functional electrical stimulation

A1

AI Lower Limb Intelligent Feedback & Training System

A1-S

PRODUCT INTRODUCTION

Lower Limb Intelligent Feedback & Training System adopts a new rehabilitation concept to overcome the shortcomings of traditional rehabilitation training. It changes patient's body position in a weight supported state for stepping movement training, simulating the physiological gait of the normal walking, restoring patient's walking function to the highest extent and inhibiting abnormal gait. It helps patients establish correct walk patterns in early rehabilitation training. A3 is mainly applicable to the rehabilitation treatment of lower limb dysfunction caused by stroke (cerebral infarction, cerebral hemorrhage) and other nervous system injuries, and it emphasizes more on patients' early rehabilitation training.

FUNCTIONS & FEATURES

Foot spacing, strephenopodia & strephexopodia angle and digital flexion &extension angle can be adjusted according to patient's situation. Bilateral pedals can be used for active or assisted walking training as needed and provide physiological load per patient's need.

A1

FUNCTIONS & FEATURES

0–80 ° gradual standing training combined with special suspension belt can effectively control the physiological load of patients' lower limbs and achieve step-by-step lower limb rehabilitation training.

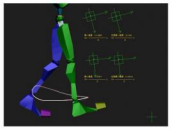
- Allow patients with no standing ability to walk in supine position.
- Stand under different angle of supine position.
- Walking in weight-supported condition to inhibit spasm.
- Early gait training may shorten the real walking time.
- Professional suspension belt reduces the body weight born by patient's lower limbs.

Step movement under physiological load, strengthen the proprioception of stimulation for lower limbs, increase the input of proprioceptive sensation, and promote the growth of synapses.

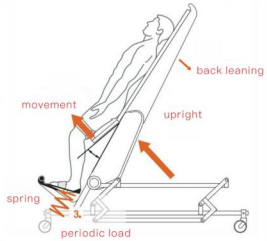
Product Name	Product Model	Remarks
AI Lower Limb Intelligent Feedback & Training System	A1	standard configuration
	A1S	situational interaction
	A1-3	intelligent control
	A1-3S	intelligent control FES electrical stimulation

THERAPEUTIC EFFECT

- Early gait training can shorten the rehabilitation time of patients;
- Enhance the afferent sensory stimulation of lower limbs, improve the excitability, flexibility and coordination of the nervous system;
- Improve and maintain the range of motion of lower limb joints, improve muscle strength and endurance; Through exercise training, reduce muscle spasm of patients' lower limbs;
- Improve patient's body function and prevent the complications such as postural hypotension and pressure ulcers; Enhance patient's metabolism level and cardiopulmonary function.



Gait control – the servo motor control system is adopted to complete the three speed changing programs of initial speed, acceleration and deceleration in the movement process, effectively imitating the normal human physiological gait.



- Organic combination of vertical state, lower limb movement and load.
- Support and promote patient movement.
- Stimulate cardiovascular system.
- Enhance afferent sensory stimulation.
- A large number of repetitive physical exercise can relieve muscle spasms in some patients.
- Can prevent the complications such as postural hypotension and pressure ulcers.
- Reduce labor intensity for therapists. Convenient operation.

C1

AI Lower Limb Intelligent Feedback & Training System for Children

PRODUCT INTRODUCTION

Lower Limb Intelligent Feedback & Training System for Children C1 is a new type of children's rehabilitation equipment for lower limb function recovery based on the principle of neural plasticity. C1 system can simulate the physiological gait of the normal walking, and help patients establish the correct walking patterns with passive and active passive training modes.

Using independent laptop as operation platform, the simple and intuitive operation interface makes it easy for the therapist to use, and the training parameters can be modified through simple operations. Therapist can spend more time and energy to observe the patient's treatment status;

Set system parameters on the basis of patients' condition (age, height, weight , health condition) and perform rehabilitation training and treatment according to different conditions. Basic parameters include stride length, stride frequency, treatment duration, spasm sensitivity, etc.

Range of motion of the legs can be adjusted independently. The need of single leg rehabilitation training can also be satisfied. Spasm detection sensitivity can be adjusted according to patient's situation.

Product Name	Product Model	Remarks
Lower Limb Intelligent Feedback & Training System for Children	C1	Child Version

YK-M12-3

Hand Therapy Table (Child Version)

PRODUCT INTRODUCTION

Hand Therapy Table YK-M12-3 (Child Version) is a compound hand function rehabilitation training equipment specially designed for children. It's used in the mid and late stage of rehabilitation cycle. The new design of twelve Chinese Zodiac signs painting correspond to 12 separate hand function training module respectively. And it's equipped with four independent resistance adjustment piles, which allow flexible adjustment of resistance for resistance training. Four patients can carry out finger and wrist rehabilitation training at the same time. Finger and wrist range of motion, muscle strength and endurance can be improved so that fast recovery of hand function can be realized.

PRODUCT FEATURES

1. The 12 Chinese Zodiac signs themed hand function training modules are suitable for children's hand size, which can not only meet their needs of hand training, but also make the hand function training more interesting.
2. Resistance can be adjusted, which can provide effective resistant training and ensure finger safety during training.
3. Four patients can carry out hand function training at the same time, and they can carry out hand function training in form of group training.
4. Effectively combine the fun cognitive training with the hand-eye coordination training to speed up the hand function recovery process after brain function remodeling.
5. Twelve separate movements are integrated so that patients don't need to frequently switch between training sites and thus hand function training efficiency is improved.

Product Name	Product Model	Remarks
Hand Therapy Table (Child Version)	YK-M12-3	Child Version

A3

AI Gait Training & Evaluation System

PRODUCT INTRODUCTION

Gait Training & Evaluation System A3 is a device for rehabilitation training of walking dysfunction. It is controlled by a computer and driven by a gait correction device, so that patients can strengthen normal gait memory through repeated and trajectory-fixed gait training in an upright position. This helps to re-establish the walking function area in the brain, establish the correct walking pattern and effectively exercise the relevant muscles and joints to stimulate the recovery of their functions. It's mainly applicable to the rehabilitation treatment of walking dysfunction caused by stroke (cerebral infarction, cerebral hemorrhage) and other nervous system injuries. The earlier patients starts A3 system training, the better functional recovery effect will be.

THERAPEUTIC EFFECT

- Input normal walking gait pattern in early walking training;
- Effectively inhibit and relieve spasm, improve joint range of motion;
- Dynamic weight support, increase proprioceptive input, maintain and improve muscle strength.

operation interface

situational interaction

treadmill/weight support operation interface

Product Name	Product Model	Remarks
Gait Training & Evaluation System	A3-M	standard configuration

PRODUCT DETAILS

Clinical Use

Medical Treadmill

Gait Orthosis

Weight Support System

Emergency Stop Switch

FUNCTIONS & FEATURES

Walking Robot:
1. Designed according to human gait curve;
2. Equipped with Panasonic servo motors which can accurately control each joint's range of motion and walking speed;
3. Active and passive training modes;
4. Gentle and adjustable guiding force;
5. The abnormal gait habits of patients can be corrected by gait offset;
6. Spasm detection and protection.

Deweighting System:
Static support: used for lifting patient vertically, which makes it easier for patient to stand up from wheel chair.
Dynamic support: used for supporting the body's center of gravity to adjust dynamically up and down during gait cycle.

System-Controlled Treadmill:
The treadmill is automatically synchronized with the gait corrector;
The minimal speed is 0.1 km/h, which is suitable for rehabilitation training;
Buffered treadmill to protect the patient's knee and ligaments.

Virtual Reality Technology:
Set up a training scene for patients to interact with, helping patient immerse in gait training;
Interactive game training makes the treatment more interesting.

Software Function:
Build patient database to record treatment information and treatment plans;
Adjustable treatment plans, precise control and precise rehabilitation;
Real time display of patient's leg resistance curve;
Real-time monitoring of active and passive training of lower limbs and active exertion of patients.

A2

Upper Limb Intelligent Feedback & Training System

PRODUCT INTRODUCTION

Upper Limb Intelligent Feedback & Training System adopts computer virtual technology and combines the theory of rehabilitation medicine to simulate human upper limb movement in real time. Patients can complete multi-joint or single-joint rehabilitation training in the computer virtual environment. The system is equipped with functions like upper limb weight support training, intelligent feedback, multi-dimensional spatial training and a powerful assessment system. A large number of studies show that stroke, severe brain injury or other neurological diseases can easily lead to upper limb dysfunction or defects, and that clear treatment goals and targeted training will effectively improve patient's upper limb function. A2 is mainly applicable to patients with upper limb dysfunction caused by stroke, cerebrovascular malformation, severe brain injury or other neurological diseases and patients who need to recover upper limb function after surgery.

FUNCTIONS & FEATURES

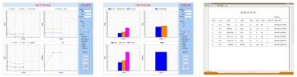
- Assessment function
- Intelligent feedback training
- Information storage and enquiry
- Arm weight-bearing or weight-support training
- Visual and audio feedback
- Targeted training
- Print function

THERAPEUTIC EFFECT

- Promote the formation of isolated movement
- Stimulate residual muscle strength
- Enhance muscle endurance
- Restore joint coordination
- Restore joint flexibility

ASSESSMENT REPORT

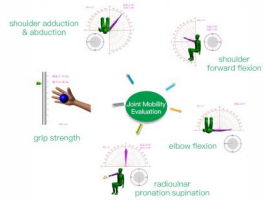
System generates assessment report based on assessment data. Each item of the report can be shown in 3 different forms of line graph, bar graph and table. Report printing function is available.



REHABILITATION TRAINING

Scene interactive training modes (1D, 2D, 3D), real-time visual & audio feedback, automatic recording of training information throughout the process, intelligent recognition of left&right arm.

ASSESSMENT SYSTEM



Evaluate the range of motion of shoulder, elbow and wrist joint as well as forearm muscle strength and hand grip strength and save the data in the patient's personal database, which provides the basis for therapists to analyse treatment progress and modify treatment prescription in time.

Product Name	Product Model	Remarks
Upper Limb Intelligent Feedback & Training System	A2	standard configuration

COMPARE TO TRADITIONAL TRAINING

Upper Limb Intelligent Feedback & Training System A2 is an ideal training platform for patients and therapists which has high training efficiency and provides real-time visual feedback information and accurate assessment of patient's rehabilitation progress after training. In addition, it helps to raise patient's interest, attention and initiative.

INDICATIONS

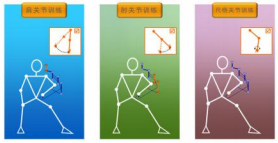
Patients with upper limb dysfunction caused by cerebrovascular disease, severe cerebral trauma or other nervous system diseases; patients who need to recover upper limb function after surgery.

DEWEIGHTING SYSTEM

Patients in early paralysis stage have weak limb strength. Reducing limb weight-bearing for training allows patients to exercise more conveniently and improve their residual neuromuscular control ability. Patients whose limb function recovers after training can appropriately increase limb weight-bearing training to promote their rehabilitation progress.

TARGETED TRAINING

Select specific single joint training or multi-joint compound training.



A6

AI Upper Limb Training & Evaluation System

PRODUCT INTRODUCTION

Upper Limb Training & Evaluation Systems the first AI 3D upper limb rehabilitation robot to realize clinical application in China. It simulates human upper limb movement in real time on the ground of computer technology and rehabilitation medicine. Training of 6 major degrees of freedom in three-dimensional space and precise control of 3D space are achieved. Accurate assessment of three major motion joint (shoulder, elbow, and wrist) in six movement directions (shoulder joint adduction and abduction, shoulder joint forward flexion, shoulder intorsion and extorsion, elbow joint flexion, forearm pronation and supination, and wrist joint palm flexion and dorsiflexion) can be realized. Real-time analysis of assessment data assists therapist in making treatment plans, improving clinical efficiency. The system has five training modes including passive training, active passive training, active training, etc, which runs through the whole rehabilitation cycle and realizes the full coverage of the rehabilitation cycle. The training function combines a variety of task-oriented situational virtual interactive games to give patients diversified and personalized training, improve patients' initiative and dependence, and speed up their rehabilitation process. Information like evaluation data and training data are recorded, stored and analyzed, and real-time medical interconnection of 5G internet can be realized.

INDICATIONS

Mainly applicable to upper limb rehabilitation training for patients with upper limb dysfunction or limited function caused by central nerve, peripheral nerve, spinal cord, muscle or bone diseases. The product supports specific exercises to increase muscle strength and expand the range of motion of joints, so as to improve motor function.

Product Name	Product Model	Remarks
Upper Limb Training & Evaluation System	A6	Standard Edition
	A6-2	Upgraded Edition
	A6-2S	Enhanced Edition

Automatic Arm Switch

FUNCTIONS & FEATURES

Passive Training Mode

Through the 'trajectory programming' mode, you can customize the required training joint name, range of motion, joint movement speed, etc., formulate personalized and targeted passive trajectory training for patients, and conduct training through interesting situational games to make passive training fun.

Active-Passive Training Mode

The system assists patients to complete training by adjusting the "guiding force". The greater the guiding force, the higher the degree of system assistance; the smaller the guiding force, the higher the degree of active participation of patients. The targeted guiding force can be set according to the patient's muscle strength. In the process of game training, the residual muscle strength of patients can be stimulated to the maximum extent.

Active Training Mode

Patients can freely drive the robotic arm to move in any direction in three-dimensional space. Therapists make individual selections according to the joints patient needs to train, select the corresponding situational interactive games, and set single-joint or multi-joint training to improve the patient's training initiative and speed up the rehabilitation process.

Prescription Training Mode

It is more life-oriented and OT-oriented, involving a variety of activities of daily living training, such as combing hair, eating, etc. Therapists can choose the corresponding training prescription to enable patient to carry out training quickly. Everything starts from the interests of patients, so as to ensure that patients can adapt well in daily life to the greatest extent.

Trajectory Learning Mode

A6 is the first three-dimensional upper limb rehabilitation robot in China that realizes artificial intelligence memory function. The system has a cloud memory storage function, which can learn and record the specific manipulation trajectory of the therapist, and achieve 100% restoration, setting targeted and personalized manipulation trajectory for different patients. The realization of focused and repetitive training helps to improve patient motor function.

DATA VIEW

User: Patient log in, registration, basic information search, modification and deletion.

Assessment: Evaluate the range of motion of each joint, save evaluation data, view and print evaluation result, record upper limb preset trajectory and speed.

Reports: View patient's historical training information.

PERSONALIZED FUNCTIONS

Automatic Arm Switch: Upper Limb Training & Evaluation System A6 is the world's first AI 3D upper limb rehabilitation robot that can automatically switch between left and right training arms. The arm switch operation requires only a press of one button. The operation is simple and the arm switch is fast, which reduces the complexity of clinical operation.

Laser Alignment: Assist the therapist to operate accurately, realize the gentleness of rehabilitation robot, and give patients a safer, more appropriate and more comfortable training experience.

Laser Calibration

Wireless Connection

A4

AI Hand Functional Training & Evaluation System

PRODUCT INTRODUCTION

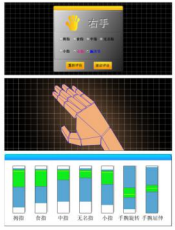
Hand Functional Training & Evaluation System adopts computer virtual technology and combines the theory of rehabilitation medicine to enable patients to complete the hand function training in the computer simulated environment. It's mainly for active training. In the interventional therapy period, patient's hand function has recovered part of the isolated movement and can control the function of active movement. The purpose of the training is to enable the patient to better control the hand movement and increase the movement control duration. A4 is mainly applicable to patients with upper limb finger dysfunction caused by nervous system diseases and patients whose upper limb finger function needs rehabilitation after operation.

Assessment Interface

Can do assessment for single-finger, multi-finger and wrist.

Can observe hand activities in real time through three-dimensional simulation of the software and can evaluate the left and right hand separately.

You can see the result of active and passive assessment, green line stands for active assessment, blue line represents passive assessment.



Assessment System

Interface and Games

Harvest

Training Settings Interface

Enter Training

Underwater World

Mining Expert

Data View

① Through the bar chart, you can check the detailed data of active and passive evaluation at different times.
② Through the line chart, you can check the rehabilitation trend of patient at several times or within a certain period of time.
③ You can check the detailed rehabilitation trend of a specific joint.
④ The scene interactive information query function allows you to check all game data from the past.

FUNCTIONS & FEATURES

Targeted Training
Specific finger and wrist joint training or finger and wrist compound training;

Multiplayer Scenario Interactive Training
Scenario interactive training can be carried out by single or multiple people to increase the fun of training;

Intelligent Feedback
Functional and interesting interactive training can generate real-time and targeted exercise information feedback for patients, so that patients can feel the fun of training in the process of hand function training and be encouraged to actively participate in training;

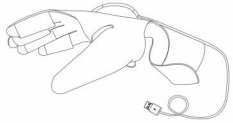
Visual User Interface
The software interface is completely user-friendly, visual window and easy to operate;

Information Storage and Search
Store the patient's treatment information, provide clinical data for the patient's personalized treatment plan and treatment progress;

Print Function
Both assessment data and situational interactive training information can be printed, which is convenient for data archiving;

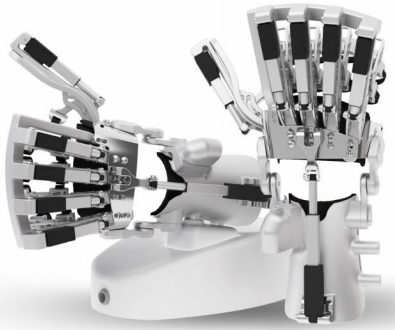
Assessment Function
Provide basis for therapists to assess patients' degree of rehabilitation; therapists can select training tasks suitable for patients according to assessment results.

Product Name	Product Model	Remarks
Hand Functional Training & Evaluation System	A4-M	Standard Configuration
	A4-S	Information Management Function



A5

AI Hand Functional Active-Passive Training & Evaluation System



PRODUCT INTRODUCTION

Hand Function Active-Passive Training & Evaluation System A5 is a device launched by our company for finger and wrist rehabilitation training. It is developed by simulating the movement rules of human fingers and wrists in real time. It allows patients to carry out compound passive movement training for single finger, multi fingers, full finger, wrist, finger and wrist. Virtual game function and information searching and printing function are also available. Patients can carry out multi-modal and all-rounded rehabilitation training in the computer virtual environment with the help of the robotic hand.

THERAPEUTIC EFFECT

- Promote the recovery of hand function and prevent muscle atrophy;
- Improve patient's hand muscle strength and endurance through progressive training;
- Improve the coordination of various finger joints;
- Through feedback, promote the brain motor area to restore hand motor function through training and establishing the compensatory area of hand function control in the brain.

CLINICAL APPLICATION

Indications:
1. Recovery of joint function after hand and wrist injury;
2. Recovery of joint stiffness and joint function after surgery;
3. Upper limb ADL (activity of daily living) training after central nervous system injury;

Contraindications: bone cancer, joint surface distortion, spastic paralysis, unstable fracture, uncontrolled infection, etc.

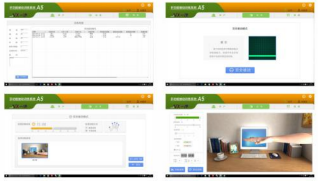
PRODUCT FEATURES

Product Feature 1: Wrist Training

Hand Function Active-Passive Training & Evaluation System A5 can control the range of motion of the wrist to train the wrist independently; it can also fix the wrist at a certain angle, and perform finger activity training alone or wrist and finger activity training at the same time. A variety of training methods are combined to meet the training needs of different patients.

Product Feature 2: Various Hand Compound Training

According to patient's situation, the joint compound training of single finger, multi fingers, all fingers, wrist or different combinations of fingers and wrists can be selected purposefully.



Product Name	Product Model	Remarks
Hand Function Active – Passive Training & Evaluation System	A5	Left and right hand independent configuration

SL4

AI Active–Passive Training Bike

PRODUCT INTRODUCTION

Active–Passive Training Bike SL4 is an intelligent athletic rehabilitation device. Through the control and feedback of intelligent program, SL4 drives patient's upper and lower limbs to complete passive, assisted, active and resistance exercise training, so as to improve the function of limb joints and muscles and promote the recovery of limb neuromuscular control function. The system has built-in exercise programs such as standard, relaxation, strength, endurance and coordination to adapt to the functional recovery training of clinical patients at different stages, and carry out task-based guidance through virtual scenes to deeply activate the motion control mode.

Product Name	Product Model	Remarks
Active–Passive Training Bike	SL4	Upper & Lower Limb Model
Active–Passive Training Bike (Smart Edition)	SL4–1	Lower Limb Model

Product Name	Product Model	Remarks
Active–Passive Training Bike (Smart Edition)	SL4–2	Upper Limb Model
	SL4–3M	Upper & Lower Limb Model

CILNICAL APPLICATION

Stroke, brain injury, spinal cord injury, cerebral palsy, Parkinson's syndrome, multiple sclerosis and other neurological diseases, and the upper and lower limb functional rehabilitation of sports injuries and orthopedic diseases.

UNIQUE DESIGN

- The upper limb frame can be horizontally rotated 180 degrees to switch between upper limb/lower limb training modes;
- Height adjustable, suitable for users of different heights;
- Nonskid foot pad is used for the rear surface of the base, which is more wear–resistant.

Frame Rotation | Height Adjustment | Nonskid foot pad

FUNCTIONS & FEATURES

Can be paired with a variety of accessories to assist training

Training mode: active mode, passive mode, active–passive mode, assisted mode;

Training program: standard program, symmetric game, spring game, relaxation program, strength and endurance program, coordination program;

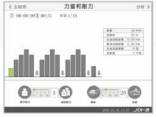
Intelligent conversion function: the device intelligently detects the force of the patient's limbs, and automatically switches to active mode or passive mode according to the degree of force;

Training analysis function: after training, the system automatically analyzes the total training time, training mileage, power, energy consumption and other data;

Spasm protection function: automatically detect the patient's spasm. The protection program will be triggered when spasm is detected.

Software Interface

There are six training modes: standard program, symmetrical game, spring game, relaxation program, strength and endurance program and coordination program, which are suitable for the rehabilitation training of patients with different functional conditions.



Strength and Endurance

Strength and endurance mode is a set of training programs preset by the device based on active training and passive training.

Relaxation Program

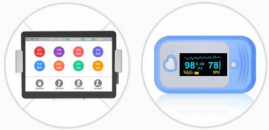
The relaxation program is a set of exercise programs preset in the device. In the program, the user's limbs are driven to move in multiple stages and directions to achieve the effect of limb muscles and joints relaxation.

Coordination Program

In coordination program, the device will detect the force of the patient in multiple directions, and guide the patient to perform limb control training through graphic feedback.

UNIQUE DESIGN

- Adopt 10.1–inch win10 tablet as operating platform, which has powerful function expansion.
- The temperature and pulse oximeter connected by Bluetooth is used to monitor patients' blood oxygen concentration and heart rate.



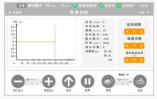
FUNCTIONS & FEATURES

User Information

Electronic patient information, training and evaluation information can be stored and printed.

Assessment Function

The newly added pain assessment and isokinetic muscle strength assessment functions quantify patient's limb function and objectively evaluate functional rehabilitation.



Isokinetic Training Mode

Equipped with professional isokinetic muscle strength training and testing function, patients can exert the maximum muscle strength at a constant speed and quickly improve limb muscle strength.

Orthopedic Training Mode

Reciprocating passive motion within a limited range of motion, suitable for postoperative patients or patients with limited limb movement.

Prescription Training Mode

With classic relaxation, strength, coordination and upper and lower limb interconnection programs, you can enter standardized training quickly.

Game Training Function

A variety of game training based on nerve rehabilitation and orthopedic rehabilitation encourage patients to participate in training and improve motor cognition.

Game – Defend Homeland

Patient carries out active training and controls the "cannon" to move in the expected direction through symmetrical value, which aims to train and improve patient's ability to control left and right limbs flexibly.

Game – Happy Dance

Patient performs passive training and the character will dance according to the training speed. Relaxation training can be carried out for local angles.

Team Adversarial Mode

In team adversarial mode, 1 ~ 4 devices can be interconnected simultaneously to achieve the effect of team training.

Cardiopulmonary Monitoring Function

With cardiopulmonary monitoring function, patient's heart rate and blood oxygen concentration are continuously monitored during the whole training process. When the patient has abnormal cardiopulmonary function, the training intensity can be reduced or the training can be stopped.

SL1

Knee Joint Active Training Apparatus for Enhanced Rehabilitation

PRODUCT INTRODUCTION

Knee Joint Active Training Apparatus for Enhanced Rehabilitation SL1 is a rehabilitation device that depends on patients to actively drive lower limb movement. Patients can carry out reciprocating CPM training by actively pulling their lower limbs. The lower limb active trainer is applicable to orthopaedic and neurological rehabilitation patients in ward and home conditions to complete lower limb rehabilitation training and maintain lower limb functions. The device is equipped with auto counter and the angle is adjustable, and it can be used in both sitting and lying positions.

PRODUCT FEATURES

1. Training method: It supports two training positions of sitting and lying. After fixing patient's lower limb to trainer, they can perform reciprocating lower limb extension and flexion exercise training.
2. Equipped with 400N air spring assist, which can effectively assist patients to complete lower limb extension and flexion training.
3. Adopt linear dual–axis guide rail sliders and aluminum alloy slide rails.
4. Equipped with a 5–digit training counter, which can automatically calculate the circulation exercise volume of the lower limbs.
5. Adopt professional medical ankle and foot fixation protector, which can be used in patients with postoperative fracture fixation.

CILNICAL APPLICATION

Main functions: lower limb joint range of motion training, muscle strength training around the knee joint.

Applicable departments: orthopedics, rehabilitation, geriatrics, traditional Chinese medicine.

Target users: knee joint active training for postoperative rehabilitation training, nerve injury, sports injury, etc.

Product Name	Product Model	Remarks
Knee Joint Active Training Apparatus for Enhanced Rehabilitation	SL1	medical model
	SL1M	home–use model

YK-M12

Multifunctional Table for Hand Training

PRODUCT INTRODUCTION

Multifunctional Table for Hand Training YK-M12 is a rehabilitation equipment for finger function rehabilitation training in the middle and later stages. It's equipped with 12 movement training modules for various hand movement training. It has four independent resistance adjustment piles, which allows four patients to carry out finger and wrist rehabilitation training at the same time. The equipment helps to enhance joint range of motion, increase muscle strength and coordination and improve hand flexibility, coordination and proprioception. Through active participation, the coordination and motion control of muscle tension in muscle groups can be improved rapidly.

APPLICATION

It's application to patients who need hand function rehabilitation in rehabilitation department, neurology department, orthopedics department, sports medicine department, pediatrics department, hand surgery department, geriatrics department, community hospital, nursing home or nursing facilities.

PRODUCT FEATURES

1. It provides 12 hand function training modules, meeting the hand function rehabilitation training requirements of various patients;
2. The resistance adjustment pile design effectively ensures finger safety during training;
3. It allows 4 patients to train at the same time, and they can carry out rehabilitation training in in groups;
4. Effectively combine the cognitive training with the hand-eye coordination training to speed up brain function remodeling;
5. Encourage patients to actively take part in training, and raise their awareness of active participation;

12 Training Modules

Covering All Fine Actions of Hand Function Training

FOREARM ROTATION TRAINING

LATERAL PINCH COORDINATION TRAINING

WHOLE FINGERS PINCH TRAINING

FINGER STRETCH TRAINING

COLUMN GRIP TRAINING

THUMB TRAINING

VERTICAL PULL TRAINING

ULNAR DEVIATION, RADIAL DEVIATION TRAINING

WRIST FLEXION AND EXTENSION TRAINING

FINGER FLEXION TRAINING

BALL GRIP TRAINING

HORIZONTAL PULL TRAINING

Product Name	Product Model	Remarks
Multifunctional Table for Hand Training	YK-M12	12 training modules setting

YK-7000A2

Deweighting System

PRODUCT INTRODUCTION

Deweighting System helps patients with limited standing and balance function to perform standing, balance and stepping training by means of suspension, and patients can perform normal walking training with part of their weight load reduced; patient's balance ability, lower limb muscle strength and walking posture can be trained all at once. It can be used with the sport treadmill, and three training modes are available: dynamic mode, static mode and balance mode. It's applicable to the rehabilitation training of patients with stroke, spinal cord injury (SCI), child cerebral palsy, muscle atrophy, surgical diseases, amputation, correction patients and patients with lower limb weakness and spasm caused by bone joint and nervous system diseases.

High Performance Sports Treadmill
(optional product)

Resistance-Adjustable Cycle Ergometer
(optional product)

Adhering to people-oriented design concept, Yikang always put patients' safety, comfort and operators' convenience at the first place.

The extremely inconvenient auxiliary training method that therapists use with traditional weight support equipment are overcome.

Product Name	Product Model	Remarks
Deweighting System	YK-7000A2	Bilateral Design
	YK-7000A3	Beveled Design

YK-7000A3

Deweighting System

Ultra-quiet air compressor, quiet operation, reliable quality.

The sling is inflatable, which improves the comfort level of treatment and avoids pain caused by prolonged treatment.

PRODUCT FEATURES

(1) Three operation modes:

Dynamic mode: The supported weight is adjustable, and traction force is compensated. Patient can stand up easier when performing squat training;

Static mode: The supported weight is adjustable, and traction force is constant. When it's used with a treadmill, the reduced weight of foot rising and landing is constant.

Balance mode: The supported weight is adjustable, and traction force is constant. If the patient slips and falls, the safe rope will lock the patient at a safe height.

(2) Corrective sling vest: It can be used for posture correction training of hip, knee, ankle and back forward, backward and side leaning during walking training. Inflatable vest increases comfort.

(3) Suitable for adults and children; patients can do walking training without other aids.

(4) It has a support weight indication function.

A7-2

AI Gait Analysis System

PRODUCT INTRODUCTION

Gait analysis is a special branch of biomechanics, which is a kinematic observation and dynamic analysis of the limbs and joints movement during walking of the human body, providing a series of time, geometry, mechanics and other parameters and curves. It uses electronic devices to record the data of the users' walking gait so as to provide clinical basis and judgment. The 3D gait restoration function can reproduce user's gait, so that observers can repeatedly observe the user's gait from different directions and time periods during walking. In this way, qualitative analysis of the user's gait can be generated. The report data analyzed by the software can also be directly used to analyze users' gait quantitatively.

PRODUCT FEATURES

Wireless real-time transmission: use within 10m, and display the user's lower limb posture on the computer screen in real time.

Gait data records: data can be recorded in the software, which can be played back and analyzed by the user at any time.

Gait evaluation: the software will intelligently analyze the data obtained, and convert the original basic data into intuitive information such as gait cycle, stride, stride frequency and so on.

3D restoration function: recorded data can be played back freely in 3D restoration, which can be used for comparison of the conditions before and after treatment or repeated playback of a certain data.

Super long running hours: the device is equipped with a large-capacity battery, which can work continuously for 6 hours and can be used for around 80 patients.

Report customization function: from the report, you can print all the information on the software, or select the information to print according to your own needs, which is suitable for different usage scenarios and printing needs.

INDICATIONS

Applicable to various medical institutions of rehabilitation medicine, orthopedics, neurology, brain surgery and other related clinical department to carry out clinical gait analysis.

Product Name	Product Model	Remarks
Gait Analysis System	A7-2	standard edition
	A7-2S	enhanced edition

MAIN FUNCTIONS

Data Playback Function: The data of a certain time can be reproduced for unlimited times through the 3D mode, so that users can repeatedly observe the details of the gait. This function can also be used for comparison of the degree of rehabilitation before and after treatment.

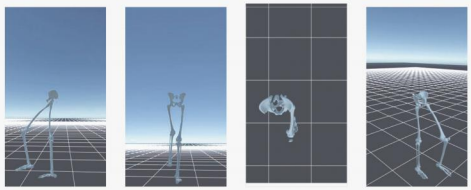
Evaluation Function: It can evaluate the gait cycle, the displacement of each joint of the lower limb, and the angle change of each joint of the lower limb, etc., and present it to users through bar graphs, line graphs, strip graphs, etc.

Comparative Analysis Function: it allows users to conduct comparative analysis of the data before and after treatment, and also allows the users to conduct comparative analysis with the health data of those share the same build with them. Through the comparison, the gait can be analyzed intuitively.

Three-Dimensional View: Provide left view, top view, back view and free view, you can drag and drop any view to view specific joint's situation.

Training Function: Provides 4 training modes with visual feedback:

1. Separate motion training: decompose and separately train the motor patterns of the hip, knee and ankle joints in the gait cycle.
2. Continuous motion training: separately train the motor patterns of hip, knee and ankle joints in the gait cycle of one lower limb.
3. Walking training: step or walk training.
4. Other training: provide motion control training for various motor patterns of hip, knee and ankle joints of the lower limbs.



A8-2

AI Multi-Joint Isokinetic Strength Testing & Training System

PRODUCT INTRODUCTION

Multi-joint isokinetic training and testing system A8 is a comprehensive system for the evaluation and training of relevant programs of isokinetic, isometric, isotonic and continuous passive for six major joints of human shoulder, elbow, wrist, hip, knee and ankle. After testing and training, the testing or training data can be viewed, and the generated data and graphs can be printed as a report for the assessment of human functional performance or researchers' scientific research. A variety of modes can be applied to all stages of rehabilitation to realize the rehabilitation of joints and muscles to the maximum extend.

DEFINITION OF ISOKINETIC

Isokinetic motion refers to the motion that speed is constant and resistance is variable. The motion speed is pre-set in the isokinetic instrument. Once the speed is set, no matter how much force the subject uses, the speed of the limb movement will not exceed the pre-set speed. The subject's subjective force can only increase muscle tone and torque output, but can not produce acceleration.

Product Name	Product Model	Remarks
Multi-Joint Isokinetic Strength Testing & Training System	A8-2M	lower limb model
	A8-2	upper and lower limb model
	A8-3	
	A8-3S	

CHARACTERISTICS OF ISOKINETIC

Accurate Strength Testing – Isokinetic Strength Testing

Comprehensively reflect the strength that the muscle groups exert at each joint angle.
The differences between the left and right limbs and the ratio of antagonistic/agonistic muscle are compared and evaluated.

Efficient and Safe Strength Training — Isokinetic Strength Training

It can apply the most appropriate resistant for patients at every joint angle.
The resistance applied will not exceed patient's limit, and it can reduce the applied resistance when patient's strength decreases.

INDICATIONS

Motor dysfunction caused by sports injuries, orthopaedic surgery or conservative treatment, nerve injuries and other factors.

CONTRAINDICATIONS

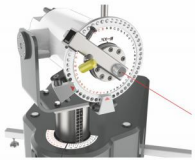
Fracture risk; acute phase of disease course; severe pain; severe joint mobility limitation.

CLINICAL APPLICATION

Orthopedics, neurology, rehabilitation, sports medicine, etc.

FUNCTIONS & FEATURES

1. Evaluation and training of 22 movement modes for six major joints of shoulder, elbow, wrist, hip, knee and ankle;
2. Four motion modes of isokinetic, isotonic, isometric and continuous passive;
3. A variety of parameters can be evaluated, such as peak torque, peak torque weight ratio, work, etc.;
4. Record, analyze and compare test results and improvement;
5. Dual protection of motion range to ensure patients test or train in the safe range of motion.



ORTHOPEDIC REHABILITATION CLINICAL PATHWAY

Continuous Passive Training: Maintain and restore range of motion, alleviate joint contracture and adhesions.
Isometric Strength Training: Relieve disuse syndrome and initially enhance muscle strength.
Isokinetic Strength Training: Quickly increase muscle strength and improve muscle fiber recruitment ability.
Isotonic Strength Training: Improve neuromuscular control ability.

A8-3

AI Multi-Joint Isokinetic Strength Testing & Training System

PRODUCT INTRODUCTION

Multi-joint isokinetic training and testing system A8 is a evaluation and training system for the relevant programs of isokinetic, isometric, isotonic, centrifugal, centripetal and continuous passive for six major joints of human shoulder, elbow, wrist, hip, knee and ankle. It's applicable to departments like neurology, neurosurgery, orthopedics, sports medicine and rehabilitation medicine. After testing and training, the testing or training data can be viewed, and the generated data and graphs can be printed as a report for the assessment of human functional performance or researchers' scientific research. A variety of modes can be applied to all stages of rehabilitation to realize the rehabilitation of joints and muscles to the maximum extend.

The isokinetic force test is performed to determine the functional status of the muscles by measuring the series of parameters that reflect the muscle load when the limb performing isokinetic movement. The method is not only objective and accurate, convenient and easy, but also safe and reliable. Human body itself can not produce isokinetic movement, the limbs must be fixed to the instrument lever, and when the limb moves autonomously, the instrument's speed limiting device will keep the limb movement speed at a constant value by adjusting the resistance of the lever to the limb based on the limb strength. Therefore, the greater the limb strength, the greater the resistance of the lever, the stronger the muscle load; and vice versa. At this point, the functional state of the muscles can be assessed by measuring a series of parameters that reflect the muscle load.

The equipment consists of a computer, a mechanical speed limiting device, a seat and accessories. It can test various parameters such as torque, optimal force exerting angle, muscle total work, etc., which can fully reflect muscle strength, muscle explosive force, endurance, joint range of motion, stability and other aspects. This method is accurate and reliable, and can provide various motion modes such as isokinetic centripetal, centrifugal, passive, etc. It is an efficient motor function evaluation and training equipment.

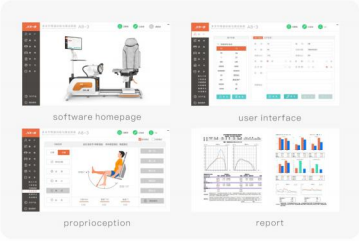
CLINICAL APPLICATION

It is applicable to muscle disuse atrophy caused by reduced movement or other factors, muscle atrophy caused by muscular diseases, muscle dysfunction caused by nervous lesion, muscle strength weakening caused by joint diseases or injuries, muscle dysfunction, and muscle strength training of healthy people or athletes.

Product Name	Product Model	Remarks
Multi-Joint Isokinetic Strength Testing & Training System	A8-2M	lower limb model
	A8-2	upper and lower limb model
	A8-3	
	A8-3S	

CONTRAINDICATIONS

Severe local joint pain, severe limited range of motion, synovitis or exudation, joint and adjacent joint instability, fracture, severe osteoporosis, bone and joint malignancy, early period of postoperation, soft tissue scar contracture, acute swelling, acute strain or sprain.



FUNCTIONS & FEATURES

Precise rehabilitation evaluation and training system with multiple resistance modes. It can assess and train the six major joints of shoulder, elbow, wrist, hip, knee and ankle with 22 movement modes;

It can assess a variety of parameters such as peak torque, peak torque weight ratio, work, etc.;

Record, analyze and compare test results, set specific rehabilitation training programs and goals and record improvement;

Testing and training data can be viewed during and after testing and training. The generated data and graphs can be printed as a report for the assessment of human body functional performance or researchers' scientific research tool.

A variety of modes can be applied to all stages of rehabilitation to realize the rehabilitation of joints and muscles to the maximum extend.

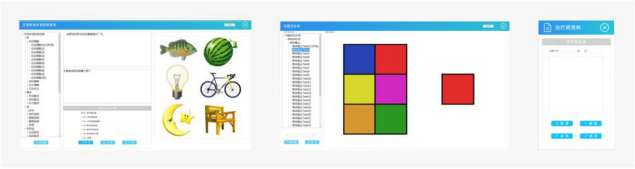
The training has strong pertinence and can test or train specific muscle groups.

ES1

AI Language and Cognitive Rehabilitation System

PRODUCT INTRODUCTION

Speech and Cognitive Rehabilitation System ES1 mainly conducts speech and cognitive training for patients with speech and cognitive dysfunction. The system has comprehensive and abundant training materials. The training materials can be selected according to the different conditions of patients, and audio and video are provided through multimedia computers to stimulate interest, raise attention, enhance participation, boost learning efficiency and improve speech ability of patients. The system provides a large number of training and assessment test programs.



PRODUCT FEATURES

- Light and flexible structure;
- Double-screen design, doctors and patients face different display screens, and patients use touch screen, which can improve training effect;
- Personalized style software interface;
- Information and data are stored in a database, which is convenient for management and printing;
- The training themes are rich and varied, and various training contents are provided. Different training plans can be selected according to patient's condition;
- Professional design of assessment forms;
- Use multimedia computer to provide sound and image to stimulate and arouse patients' interest, so as to improve attention and learning efficiency.

PROFESSIONAL ASSESSMENT FORM

The professional and universal Chinese Standard Aphasia Checklist, Western Aphasia Battery (WAB), and Dysarthria Assessment Summary Table (Frenchay) are used.

Functional assessment is carried out in conjunction with training. It can be used not only for assessment, but also as an extension of training subjects.

DATA MANAGEMENT AND PRINTING

The patient information and evaluation database are stored in Microsoft Office Access 2000 database, and the software has realized the function of printing with external printing device.

RICH TRAINING MATERIALS

Product Name	Product Model	Remarks
Speech and Cognitive Rehabilitation System	ES1	double-screen interaction

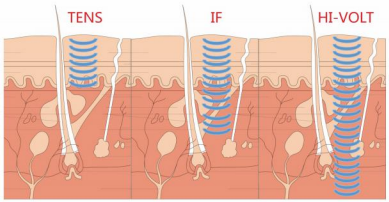
Comprehensive training category:	Including training I, training II and verbal communication training;
Training I materials and amount:	Including single choice training and communication training. Single choice training includes 19 types of questions: algorithm, animal voice, playing cards, looking, spelling, number two, counting, direction concept, clock, watercolor, subtraction 1, subtraction 2, subtraction strawberry, item concept, space concept, memory, maze walking, overlapping graphics and color recognition; Communication training includes 9 types of training: listening comprehension training of nouns, verbs and sentences, retelling training, speaking and expression training, read out training, reading training, copying training, description training, dictation training and calculation training.
Training II materials and amount:	There are 18 types of questions, including perceptual comprehensive training, size concept, contrast, direction concept, primary calculation, advanced calculation, primary memory, transportation, spatial positioning, continuous thinking, daily life, daily expression, listening and attention training, object matching, primary shape, primary color, advanced color and speech communication training.
Verbal communication training materials and amount:	Including video teaching, articulation training games, vowel pronunciation mouth shape training and consonant mouth shape training.
Functional assessment items:	It includes Functional Assessment Form, Chinese Standard Aphasia Checklist, Western Aphasia Battery (WAB), and Dysarthria Assessment Summary Table (Frenchay).

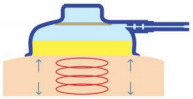
Electrotherapy System

THERAPEUTIC MECHANISM

According to the mechanism of the Gate Control Theory of Pain, the effect of electrical stimulation therapy help human body release morphine like substances. It has been widely recognized in clinical application that low and medium frequency equipment has a clear pain relief effect.

The electrotherapy technology is developing from low frequency, medium frequency, interference electricity to high voltage, to the frequency conversion dynamic treatment technology treating from shallow to deep, from inner to outer. Electrotherapy technology is putting forth new ideas step by step to bring about a deeper and more comfortable patient experience.

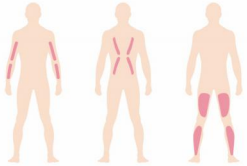




Pulse negative pressure adsorption has a similar effect to cupping therapy. It stretches the gap of tissues, fully opens pores, improves the blood circulation in tissues, and is more conducive to pain relief. Moreover, it's convenient for the therapists to operate.

INDICATIONS

Soft tissue pain relief, promote local blood circulation, excite and expand nervus vascularis; strengthen the discharge of pain-causing media and harmful pathological metabolites, reduce edema and tension between tissues and nerve fibers.



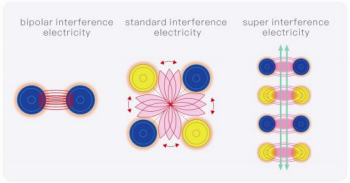
CLINICAL APPLICATION

Rehabilitation department, physiotherapy department, pain management department, acupuncture & massage, traditional Chinese medicine department, orthopedics, geriatrics, community rehabilitation and sports medicine department etc.

PE5

Super Interference Electric Therapy Machine

Product Name	Product Model	Remarks
Super Interference Electrotherapy System	PE5	six channel design

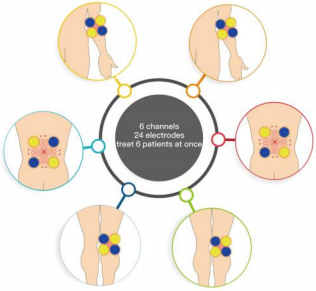


The low frequency difference generated by interference uses the intermediate frequency current that has higher penetrability than the low frequency current to enter the deep layer of human tissue.

PRODUCT INTRODUCTION

Super Interference Electrotherapy System PE5 is further developed on the basis of traditional interference electrotherapy and dynamic interference electrotherapy. The low frequency interference endogenous current formed in the body can inhibit the sensory nerve and promote the expansion of the capillaries and arteries. The change of local blood circulation is conducive to the absorption of inflammatory exudate and edema.

HEATING &
HEAT PRESERVATION



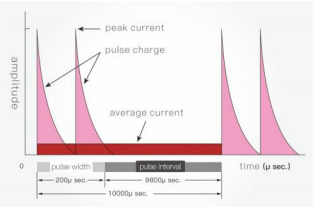
FUNCTIONS & FEATURES

1. Conductor detachment monitoring function, overcurrent protection circuit
2. Current balance adjustment, button automatically returns to zero position at the end of treatment
3. Carrier frequency: 2.5KHz, 4.0KHz, 5.0KHz
4. Beat frequency: 0~199Hz adjustable

PE4

High Volt Electric Therapy Machine

Product Name	Product Model	Remarks
High Voltage Therapy System	PE4	high-voltage low-frequency electrotherapy



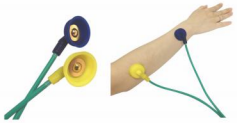
Low-frequency high-voltage electrotherapy, while increasing the voltage, shortens the pulse width of the treatment time, and achieving deeper tissues while ensuring stimulation comfort.

PRODUCT INTRODUCTION

High Voltage Therapy System PE4 is a multi-channel, multi-mode and environment-friendly low-frequency therapy instrument. It works with low-frequency but goes into deeper tissues with high-voltage pulse current, which directly transmits the low-frequency high-voltage pulse current into the human body's lesion areas and the corresponding meridians and collaterals matching points. It forms a strong current return circuit inside the body, promotes the formation and orderly movement of free electrons and transforms the conductive flux of pathological meridians in the human body from imbalance to balance. It promotes the recovery of nerve conduction function, smooths the meridians, and cure diseases, thus achieving the goal of disease healing and health care. The multi-channel simultaneous output provides a therapeutic effect similar to traditional Chinese medicine. It's applicable to physiotherapy room of rehabilitation department, pain management department, acupuncture and massage department, orthopedics and traumatology department, neurology department, geriatrics department, etc.

FUNCTIONS & FEATURES

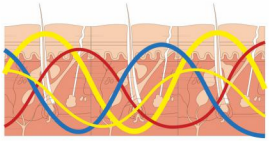
1. buttons reset to zero automatically when treatment ends
2. eight treatment modes available
3. the maximum treatment voltage is 300V ± 15%
4. 12 independent output channels, 24 suction cup electrodes;



PE6

Frequency Conversion Electric Therapy Machine

Product Name	Product Model	Remarks
Frequency Conversion Therapy System	PE6	frequency conversion modulation technology



The carrier varies between 1000Hz to 11000Hz. Deep to shallow frequency modulation treatment and eight electrodes attaching to the skin to provide patients with stimulating experience of the back from the inside out.

PRODUCT INTRODUCTION

Based on the traditional interference electrotherapy (interference wave), the Frequency Conversion Therapy System PE6 modulates the intermediate frequency current at a low frequency through substantial frequency change, so that the low frequency wave is transmitted on the surface of human body while the intermediate frequency wave is transmitted to the inside of the body. The therapeutic effect of changing the deep affected part of the muscle by the change of the treatment frequency is achieved, so that the stimulation can be transmitted to the deep part of the muscle layer.

FUNCTIONS & FEATURES

1. A placement board with thermal insulation function.
2. The button automatically returns to zero after treatment.
3. There are three modes for wrist and elbow, foot and knee and shoulder and waist.
4. Two channels, two groups of 8 suction cup electrodes can be used for treatment simultaneously.
5. Digital graphical display is available for the frequency conversion therapy.

YK-2000B

Intermediate Frequency Electro Therapeutic Apparatus

INDICATIONS

Sprain, constipation, contusion, gastroptosis, arthritis, infantile cerebral palsy, periarthritis, gastrointestinal dysfunction, sciatica, functional electrical stimulation, stroke sequelae, compression, tension, urinary incontinence, etc.

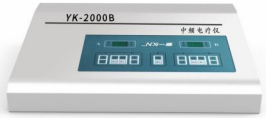
THERAPEUTIC EFFECTS

Improve smooth muscle tension; promote blood circulation of local tissue; exercise skeletal muscle to prevent muscle atrophy; pain relief.

FUNCTIONS & FEATURES

- Multiple therapy methods: the comprehensive application of audible current therapy, pulsed modulated medium frequency therapy, pulsed modulated medium frequency current therapy and sine modulated medium frequency current therapy ensures wide range of indications and significant therapeutic effect.
- 99 expert treatment prescriptions are preset and stored in the computer, so that patients can comprehensively experience various pulsating operations such as pushing, holding, pressing, knocking, pulling, chattering and shaking during the treatment process;
- According to different diseases, local therapy, acupoint therapy and reflex therapy can be adopted independently or combined flexibly.

Product Name	Product Model	Remarks
Intermediate Frequency Therapeutic Apparatus	YK-2000B	four channels



YK-6000D

Traction Table with Heating System

Product Name	Product Model	Remarks
Traction Table with Heating System	YK-6000C	Single channel, cervical and lumbar traction
	YK-6000D	Dual channel, cervical and lumbar traction

INDICATIONS

Cervical vertebra: cervical spondylosis, dislocation, cervical muscle spasm, intervertebral joint disorder, cervical artery distortion, cervical ligament disease, cervical disc herniation or prolapse, etc.

Lumbar vertebra: lumbar muscle spasm, lumbar disc herniation, lumbar functional scoliosis, lumbar degenerative (hypertrophic) osteoarthritis, lumbar synovial tissue incarceration and facet joint disorder caused by acute and chronic lumbar injury, etc.

FUNCTIONS & FEATURES

1. Dual channel independent operation, dual neck traction configuration, flexible allocation of treatment resources;
2. Heating function: it can provide thermal therapy to neck and waist while traction, automatically identify the heating of neck and waist, and the temperature is accurately adjustable to improve the treatment effect;
3. Continuous traction, intermittent traction, main and auxiliary traction;
4. The traction force can be adjusted arbitrarily from 0 to 99KG, and the traction force can be arbitrarily increased or decreased during the traction process without switching off the system;
5. Automatic compensation: When the real-time value of the traction force deviates from the set value due to the sudden unexpected action of the patient, the microcomputer controls the traction host to automatically compensate immediately to ensure the constant traction force and patient's safety;
6. Safety design: equipped with dual-channel independent emergency stop switch;
7. Preset value locking function: the preset traction force and traction time can be locked so that the preset value will not be altered by misoperation;
8. Automatic fault detection: the faults are indicated by different codes. When fault is detected, treatment will be stopped and cannot be started again until the fault is removed.

PS3

High Energy Muscle Mssager Gun

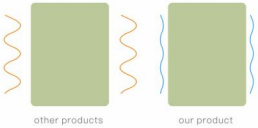
Product Name	Product Model	Remarks
High Energy Muscle Massager Gun	PS3	Optional multi-point treatment head

MECHANISM

Studies show that fatigue and disease can shorten muscle fiber length and form spasms or trigger point and that external pressure or impact can stimulate and relax muscles. The patented buffered high-energy impact head of HDMS can effectively reduce the energy loss of vibration wave in the process of muscle tissue transmission, so that high-frequency vibration can safely and effectively enter the deep muscle tissue of limbs, help comb the muscle fascia, promote blood and lymph reflux, promote the recovery of muscle fiber length and relieve muscle tension. According to the principle of muscle self-suppression, muscle fiber length can be relaxed and adjusted by the use of high-energy deep muscle stimulator. Besides, it increases muscle tone and excites tendons with stimulation, and the impulse is transmitted to the center along the sensory nerve, thereby causing muscle diastolization radioactively to achieve the effect of relaxing the muscle.

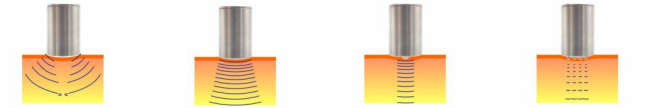
INDICATIONS

1. Relieve excessive muscle tension
2. Improve spine posture
3. Correct muscle strength imbalance
4. Release myofascial adhesion
5. Joint mobilization
6. Stimulation of receptors



TECHNICAL FEATURES

1. High quality DC motor, superior quality titanium alloy
2. Buffered impact energy storage and release system
3. Reduce the ineffective vibration and impact, and the sound is about 65 dB
4. A number of newly designed original therapeutic heads



flat massive impact head

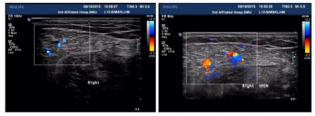
focused impact head (patented technology)

trigger point impact head (patented technology)

multi-point acupuncture impact head (patented technology) (optional)

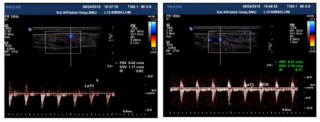
Immediate Effect Study of HDMS's Impact on Muscle Form

Changes in blood flow after 1 min of HDMS



After HDMS treatment, the blood flow grade of the the medial head of gastrocnemius increased obviously.

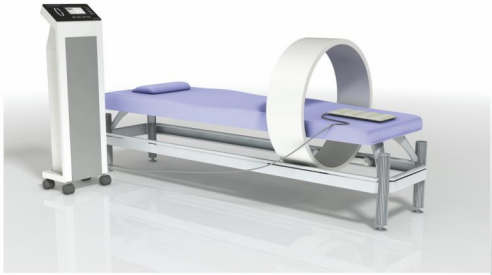
Changes in muscle resistance index after 1min of HDMS



After HDMS treatment, muscle resistance index dropped obviously. Marked muscle was relaxed.

YK-5000A

Alternating Magnetic Field Therapy Bed



FUNCTIONS & FEATURES

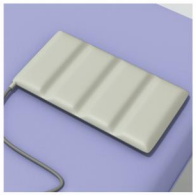
Safe and reliable with software and hardware double guarantee.

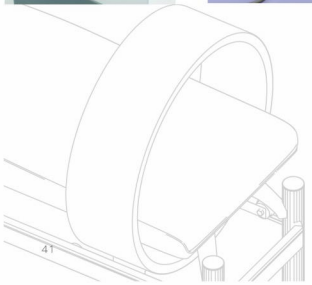
Closed-loop feedback design, precise control and real-time tracking of software.

Combine vibration, heating and magnet therapy in one, ensuring the best treatment effect.

Bed with ergonomic curve design.

Synchronous background music is provided to help patient relax.





FUNCTIONS

1.Pain Relief:

Improve blood circulation and tissue nutrition, increase the activity of pain-causing substance hydrolase.

2.Diminish Inflammation & Detumescence:

Accelerate blood circulation, improve tissue permeability, increase the activity of enzymes and decrease the concentration of inflammatory substances.

3.Calm:

The main effects on CNS are to enhance inhibition, improve sleep, relieve muscle spasm and relieve itching;

4.Lower Blood Pressure:

It can regulate the meridians and vegetative nerves, dilate blood vessels, reduce blood lipids, improve CNS regulation function and improve sleep;

5.Osteoporosis Treatment:

Improve biological field, accelerate the growth of bone tissue, improve the bone mineral density of the whole body and treat osteoporosis.

Product Name	Product Model	Remarks
Alternating Magnetic Field Therapy Bed	YK-5000A	single bed double magnetic conductor
	YK-5000B	double bed double magnetic conductor

YK-5000B

Alternating Magnetic Field Therapy Bed

CLINICAL APPLICATION

- **Indications:** Osteoporosis
- **Bone Joint and Soft Tissue Injury:**
  Osteoarthritis (pain), rickets, bone necrosis, fractures, delayed fracture healing, prosthetic joint, sprains, lumbago and back pain, arthritis, chronic myotenositis etc.
- **Nervous System Diseases:**
  Muscle atrophy, disturbance of vegetative nervous function, menopausal syndrome, sleep disorder, shingles pain, sciatica, lower limb neuralgia, facial neuralgia, general paralysis, depression, migraine etc.
- **Vascular Diseases:**
  Arteriosis, lymphedema, Raynaud's syndrome, leg ulcers, venous curve, etc.
- **Respiratory Diseases:**
  Bronchial asthma, chronic bronchopneumonia, etc.
- **Skin Diseases:**
  Radiation dermatitis, squamous erythematous dermatitis, papules edema dermatitis, burns, chronic infection, scar, etc.

PRODUCT INTRODUCTION

YK-5000 magnetic therapy system realizes high-precision magnetic field control based on microprocessor. According to the principle of magnetic field treatment on human body, it uses ultra low frequency and precisely and scientifically controls the effect of magnetic field on human body. It is widely used in bone joint and soft tissue injuries, nervous system diseases, vascular diseases, respiratory diseases, skin diseases and especially osteoporosis treatment.

YK-5000 is a versatile all-round magnetic therapy system. The mobile solenoid design allows for more flexibility in targeting different parts of the patient. The system provides a large number of prefabricated prescriptions for different diseases. It has four completely independent channels and the parameters can be set arbitrarily so that four patients can receive treatment at the same time.

YK-8000E2

Electric Tilt Table

CLINICAL APPLICATION

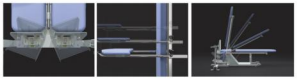
It mainly treats patients who have been bedridden for a long time due to physical weakness, insufficient active movement of paralyzed limbs and abnormal muscle tone. Tilt Table training can help patients reduce the occurrence of various complications, relieve systemic muscle atrophy, improve postural hypotension and other complications. It can maintain the stress load of the spine, pelvis and lower limbs, and is an effective means to promote functional recovery of patients .

Electric Tilt Table
YK-8000E1

FUNCTIONS & FEATURES

- Linak motor and pneumatic spring double protection, safe and stable;
- It starts and stops slowly, making patients more comfortable;
- The wide fixing straps for chest, waist and knee fixation are extremely comfortable;
- Continuously adjustable armrest and table board facilitate the training of patients of different heights;
- Adopting high elastic sponge, the bed surface is durable and not easy to deform;
- Spacious bed and foot pedals that can be turned inside-out and adjusted up and down;
- Equipped with a reading and writing board, which is convenient for patients to read or eat when they stand for a long time;
- The armrest of the table board can be adjusted up and down, front and rear.

Product Name	Product Model	Remarks
Electric Tilt Table	YK-8000E1	standard configuration
	YK-8000E2	fully automatic control panel



YK-8000A

Electric BoBath Table

PRODUCT INTRODUCTION

The Electric Bobath Table consists of a lifting bed body and a mobile mattress board disposed on the bed body. There's a hinged structure between the head backrest section and the middle lying section of the mobile mattress board, and the head backrest section of the mobile mattress board is positioned by high quality pneumatic springs, which is safe and reliable. The lifting and lowering of the bed is driven by the lifting and lowering unit installed under the bed frame, which has strong thrust to ensure safety and stability of bed operation.

Denmark LINAK motor, quiet without noise

FUNCTIONS & FEATURES

- The Electric Bobath Table is designed for the rehabilitation of patients with nervous system diseases; the wide bed space allows patients and therapists to have considerable space to complete various rehabilitation training and treatment techniques.
- The lower operating height (43-95 cm) provides better conditions for patients to complete movement, balance and standing training.
- The pneumatic spring-assisted backrest can be adjusted between 0-85° to provide support during recumbent and seated exercises.
- According to the clinical requirement, YK-8000A electric lifting treatment bed has two kinds of width for selection and the hand and foot switch control are also optional.

Pneumatic springs, increasing stability and safety

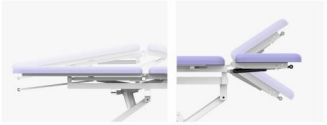
Product Name	Product Model	Remarks
Electric Bobath Table	YK-8000A	size optional

YK-8000C3

Three Sections Multi–Position Medical Treatment Bed

PRODUCT INTRODUCTION

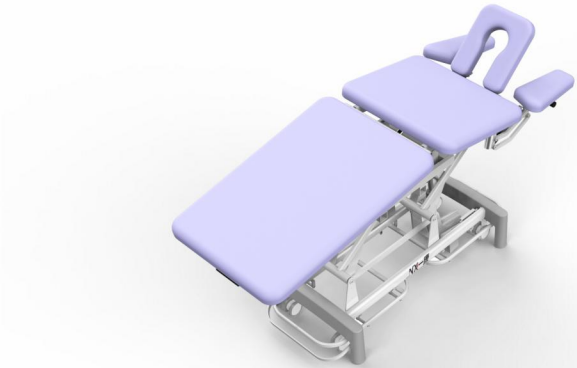
Three Sections Multi–Position Medical Treatment Bed adopts three–piece bed surface design with simple structure and adjustable prone position selection, which can provide an effective and convenient drainage position for patients with some lung–related diseases, and increase the comfort level. Through simple bed surface adjustment, body position treatment can be realized, and the corresponding tense muscles can be relaxed. It can also be used in conjunction with other equipment for rehabilitation training and treatment. The equipment is equipped with pneumatic spring armrests and double–ring foot control switch to control the lifting of the bed and the adjustment of bed surface, which is easy to operate, safe and intelligent.



Product Name	Product Model	Remarks
Multi–Position Medical Treatment Bed	YK–8000C3	three–section design
	YK–8000C4	five–section design

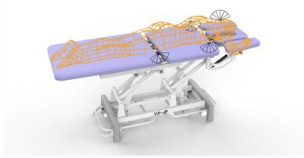
YK-8000C4

Five Sections Multi–Position Medical Treatment Bed



PRODUCT INTRODUCTION

Five Sections Multi–Position Medical Treatment Bed is a new type of manipulation bed equipment developed according to the application idea of multi position treatment bed. The bed surface is divided into 5 sections, and different supine and prone positions can be adopted according to therapists' needs in clinical practice. By adjusting the angle of each section, it is convenient to realize the treatment of different flexion and extension positions for patients with cervical, thoracic and lumbar diseases, and assist the therapists to achieve treatment goals. The equipment is equipped with pneumatic spring armrests and double–ring foot control switch to control the lifting of the bed and the adjustment of bed surface, which is easy to operate, safe and intelligent.



YK-8000C1

Eight Sections Multi–Position Medical Treatment Bed

PRODUCT INTRODUCTION

Eight Sections Multi–Position Medical Treatment Bed has multiple functions. The bed surface is divided into multiple sections. Each section is equipped with pneumatic springs and the angles are adjustable to facilitate the adjustment of patient's treatment posture. The equipment is equipped with pneumatic spring armrest and the armrests are up and down adjustable and 360°plane rotatable so that patients can receive treatment in comfortable postures. The leg sections are separated, allowing patients to complete various independent rehabilitation training of a single lower limb. Adhering to the people–oriented principle, Yikang Medical always puts patients' safety and comfort and operators' convenience in the first place. Scientific mechanical structure and reasonable transmission system ensure patients' safety.

YK-8000C2

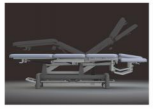
Nine Sections Multi–Position Medical Treatment Bed

PRODUCT INTRODUCTION

Nine Sections Multi–Position Medical Treatment Bed is a multifunctional treatment bed. According to different functions, the bed surface is divided into nine sections and the lumbar and back part are rotatable. The bed surface is divided into nine sections, each section is equipped with pneumatic springs and the angles are adjustable so that treatment can be done safely and effectively using a variety of methods. This product is equipped with pneumatic spring armrests and the armrests are up and down adjustable and 360°plane rotatable, which facilitates patients to adjust to comfortable postures. The leg sections are separated, allowing patients to complete various independent rehabilitation training of a single lower limb.

FUNCTIONS & FEATURES

- Adopt Danish LINAK motor, quiet without noise;
- Each section is adjustable;
- The armrest is adjustable up and down, can be rotated 360° on the plane, and has three fixed positions;
- Four–direction foot controlled switch;
- Antibiotic and wear–resisting PU leather;
- Retractable, ultra silent casters;
- Adopt Germany pneumatic spring for flexible and safe application.



Product Name	Product Model	Remarks
Multi–Position Medical Treatment Bed	YK–8000C1	eight–section design
	YK–8000C2	nine–section design

Intelligent Rehabilitation Medical Center Planning and Construction Turnkey Solution

With the development of rehabilitation medical industry, the needs of rehabilitation medical market are constantly upgrading. Starting from the needs of market development, Yikang is continuously expanding new service forms. The intelligent rehabilitation medical center planning and construction turnkey solution is therefore created. With the concept of green, science & technology and caring, it aims to build a rehabilitation medical center with robust system, comprehensive functions, outstanding characteristics and brand competitiveness for hospitals through the input of factors like site planning, talent cultivation, input of technology resources and standardized management and through the provision of a series of solutions.