



Neurological Rehabilitation

PRODUCT CATALOGUE



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the Catalogue

YOUR RELIABLE & TRUSTED PARTNER

**In Physiotherapy, Rehabilitation
& Occupational Health Solutions**



ABOUT US

IPEX Healthcare Limited is a Tanzanian based and Tanzanian registered company dealing with Importation, and Supply of Hospital consumables, Medical, Surgical and Laboratory equipment, supplies, devices and other related products and services in the medical and healthcare sector.

NEUROFORMA-MED INMED



Neuroforma for centers with balance control module and offloading arm is an innovative platform for motor, cognitive and balance control exercises. It consists of a large display, a computerized system for data analysis and an optical system for movement analysis in 3D technology. The device is sturdy and easy-to-use. In addition, its space-saving design makes it suitable for use in less spacious facilities as well as easy to move around.

★ APPLICATION:

- Neurological rehabilitation.
- Neuropsychological rehabilitation.
- Physiotherapy.
- Geriatrics.
- Post traumatic rehabilitation.
- Orthopaedic rehabilitation.
- Support in development of children with disabilities.
- Health prophylaxis.

★ HOW IT WORKS:

While using Neuroforma, the patient stands or is seated in front of the screen, which shows their real, mirror reflection. Around that reflection, virtual objects appear. The patient's task is to move their body in such a way that the reflection displayed on the screen catches, hits or moves the appearing objects.



Virtual reality technology enables the patient to receive constant, immediate biofeedback. After each exercise, the patient can consult simple statistics, which are also available in a form of long-term reports presenting their progress for every task separately.

TELENEUROFORMA-MED INMED



Extend your offer with telerehabilitation

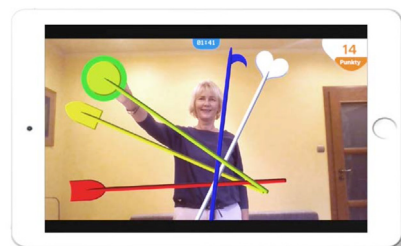
TeleNeuroforma is a modern and effective support for the rehabilitation process of patients who require systematic exercises. Easily share interactive exercises by creating personalized training plans. Start providing innovative remote rehabilitation services to operate comprehensively, effectively and on a larger scale. The platform allows for remote rehabilitation of patients exercising at home. You can log in from a web browser or integrate TeleNeuroforma with your medical information system.

TeleNeuroforma

- Is a modern solution for motor, cognitive and balance control exercises. While using Neuroforma a patient stands or is seated in front of the screen, which shows their real, mirror reflection. Around that reflection virtual objects appear. For home exercises, your patients only need a camera or tablet with a camera and internet access.
- The main task is to move their body in such a way that the reflection displayed on the screen catches, hits or moves appearing objects.
- It is a perfect solution for neurological or geriatric patients with Alzheimer disease, dementia, after brain injury, stroke, cerebral palsy, fractures and many more!

★ HIGHLIGHTS:

- All exercises and functions are launched in a web browser, they do not require installation or additional devices.
- User-friendly interface makes telerehabilitation intuitive and easy-to-use for both patient and therapist.
- Interactive form of exercise that increases patient involvement and motivates them to follow the exercise plans prepared by a specialist.
- With a large amount of exercises you can individually adapt training session for patient's needs.
- You can also create custom made exercises!
- Advanced medical report will allow you to track the progress.
- Communicate with your patient via voice, video or text messages.



LITEBOX, SKYBOX AND NEURO-MEP-NEUROSOFT



LITEBOX

3-CHANNEL NCS, EMG AND EP SYSTEM WITH DEDICATED KEYBOARD

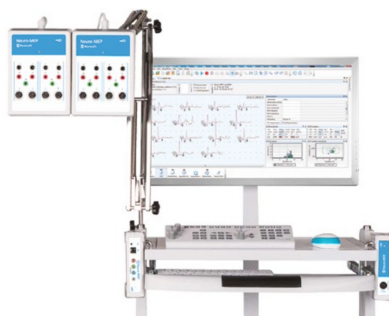
- 3 acquisition channels for the quickest examination ever
- NCS and needle EMG according to international standards
- Electrical stimulator with two switchable outputs
- Innovative circuits for stimulus artifact reduction
- Portable, can be powered by a notebook



SKYBOX

5-CHANNEL NCS, EMG AND EP SYSTEM WITH DEDICATED KEYBOARD

- All you need is within a lightweight, compact case: stimulators, 5 acquisition channels and dedicated controls
- NCS and needle EMG according to international standards
- 2 independent electrical stimulators with 4 outputs
- All EP modalities in the base delivery set
- Portable, can be powered by a notebook

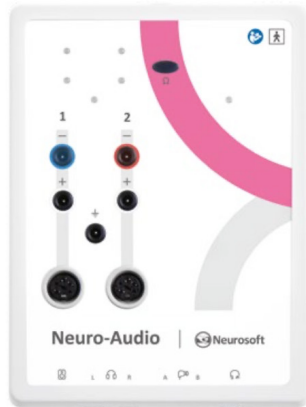


NEURO-MEP

4/8-CHANNEL NCS, EMG AND EP SYSTEM WITH WIRELESS KEYBOARD

- 4- or 8-channel system, expandable up to 16 channels
- Leader in amplification and stimulation technologies
- All EP modalities in the base delivery set
- Modular design

NEURO AUDIO-NEUROSOFT



NEURO-AUDIO

2-CHANNEL ABR, OAE, VEMP, ASSR AND ECoG SYSTEM

- High quality of auditory EP and OAE recording
- Multiple options for post-processing of results
- Complete set of techniques, including ECoG, LLR, multi-ASSR and VEMP
- Non-sedated ABR
- Chirp stimulus
- OAE up to 12 kHz

AUDIO-SMART

PORTABLE SYSTEM FOR DIAGNOSTICS AND SCREENING

- Truly portable middle ear analyzer
- 4 frequencies of the probe tone:
 - 226, 678, 800, 1000 Hz
- Hearing screening: OAE and automated ABR (AABR) testing
- ABR test with wave V Jewett marker
- Simple and user-friendly touchscreen interface

NEURO-MEP AND NEURO-MS-NEUROSOFT



NEURO-MEP-MICRO

2-CHANNEL ULTRAPORTABLE EMG AND NCS SYSTEM WITH A BUILT-IN KEYBOARD

- 2 channels are optimised to quickly perform motor and sensory conduction tests and needle EMG
- Portable, can operate with a notebook
- All-in-one: stimulators, acquisition channels, controls and display
- Electrical stimulator with ultra-fast switching between two outputs



NEURO-MS

DIAGNOSTIC MONOPHASIC MAGNETIC STIMULATOR

- Diagnostics of nervous system disorders
- Powerful monophasic pulse
- Extremely low electromagnetic interference
- Configurations for single- and paired-pulse stimulation
- Ergonomic and lightweight coils of different shapes and sizes
- Compatible with most EMG machines

NEUROMODULATION- NEUROSOFT



NEURO-MSX

MAGNETIC STIMULATOR OF THE NEW GENERATION

- Stimulation frequency — up to 100 Hz, theta-burst stimulation (TBS) — up to 2000 Hz
- New generation of cooled coils: enhanced ergonomics with stimulation controls at your fingertips
- Built-in memory for preset protocols
- Theta-burst stimulation



NEURO-MS/D

TRANSCRANIAL MAGNETIC STIMULATOR

- 20 Hz stimulation at 100% intensity
- Advanced liquid cooling technology guarantees continuous operation without coil overheating
- Neuro-MS.NET software with pre-defined treatment protocols



NEUROSTIM

TRANSCRANIAL ELECTRICAL STIMULATOR

- Treatment of a wide range of psychiatric and neurological disorders
- tDCS, tACS, tRNS, tPCS, tDCS-sham, custom waveform
- Continuous monitoring of electrode impedance
- Stimulus amplitude increment — 25 μ A
- Placebo stimulation — tDCS-sham mode
- Intuitive software

NEURON-SPECTRUM & SNORLEX-NEUROSOFT



NEURON-SPECTRUM-65/PSG

CLINICAL PSG SYSTEM (TYPE I SLEEP MONITOR*)

- Ready-made solution for your PSG lab
- Full range of PSG channels*
- Connection to a portable patient unit
- Synchronous video monitoring
- PAP titration under PSG control
- Advanced analysis tools to speed up PSG data interpretation



NEURON-SPECTRUM-AM/PSG

PORTABLE WIRELESS PSG RECORDER (TYPE I, II, III SLEEP MONITOR*)

- Autonomous PSG with video recording both in the clinic and at home
- Full range of PSG sensors and electrodes
- Recording of exams to a memory card and real-time data transfer via Wi-Fi
- Manual and automatic PSG analysis
- Perfect choice for a private medical clinic or laboratory startup



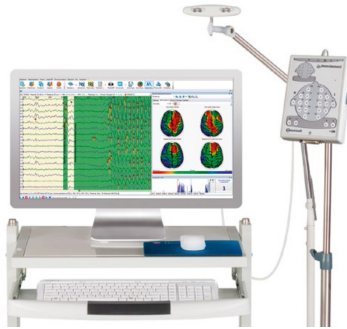
SNORLEX

RESPIRATORY POLYGRAPH FOR DIAGNOSTICS OF SLEEP-DISORDERED BREATHING (TYPE III, IV SLEEP MONITOR*)

- Automatic scoring of apnea/hypopnea index (AHI)
- In-home and in-laboratory testing
- Calculation of sleep time based on actigraphy
- Automatic data analysis and report generation
- Up to 25 hours of continuous operation
- Monitoring of CPAP therapy efficacy during sleep

NEURON-SPECTRUM

1-4,AM,EPM-NEUROSOFT



NEURON-SPECTRUM-1..4/P

EEG SYSTEM SERIES

- Robust and time-tested EEG recorders
- 8 to 21 EEG channels + up to 4 channels to record EMG, ECG, EOG and other physiological signals
- Acquisition and review of EEG in arbitrary monopolar and bipolar montages
- EEG recording in the unshielded room
- Impedance indication on the front panel



NEURON-SPECTRUM-AM

WEARABLE WIRELESS EEG RECORDER

- 21 EEG channels
- Full range of polygraphic channels for PSG studies
- Recording of exams to a memory card and real-time data transfer via Wi-Fi
- Ambulatory EEG recording (up to several days) both in the clinic and at the patient's place
- Long-term video EEG monitoring to detect epileptiform activity



NEURON-SPECTRUM-4/EPM

EXPERT-CLASS EEG SYSTEM

- Perfect solution for EEG, short-latency EP, long-latency EP and EMG
- 21 EEG channels + 9 channels to record any physiological signals from EOG to short-latency EP
- Impedance measurement button on the front panel
- 10 options to expand device functions — from PSG and video EEG monitoring to EMG
- Powerful possibilities for remote monitoring

NEURON-SPECTRUM 1-4,AM,EPM-NEUROSOFT



NEURON-SPECTRUM-61..65

FRONTLINE EEG SYSTEMS

- 11 to 39 referential EEG channels
- 4 to 8 additional channels for EMG, EOG, ECG and other physiological signals
- Multiple options: PSG, EP, long-term video EEG monitoring, BFB, CFM
- Continuous impedance monitoring during acquisition
- Operating mode selection with a button on the front panel (impedance measurement, monitoring of signal quality before the exam, exam recording)
- Color-coded impedance indication at the amplifier inputs
- Innovative hardware and software solutions for excellent signal quality



NEURON-SPECTRUM-5

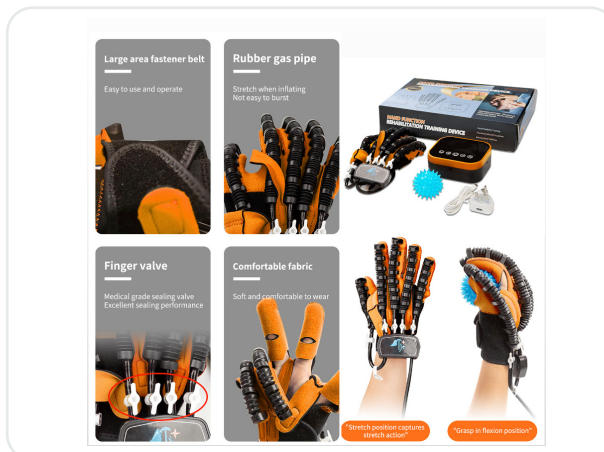
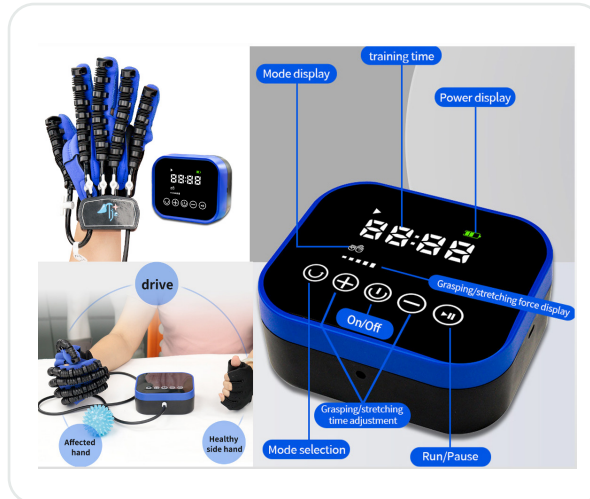
NEUROPHYSIOLOGICAL LABORATORY

- 32 referential EEG channels
- 9 additional channels for EMG, EOG, ECG and other physiological signals
- Acquisition button on the front panel
- State-of-the-art techniques of mathematical analysis based on machine learning algorithms for EEG signal processing
- EEG, EMG, EP and PSG — all techniques in a single compact unit

HAND REHABILITATION GLOVES

TJ-OM007-1 TAIJIE

Artificial hand rehabilitation robot gloves with single hand training, which is divided into Left & Right. Equipped with intelligent sensors Comfortable, responsive and real-time sensing.

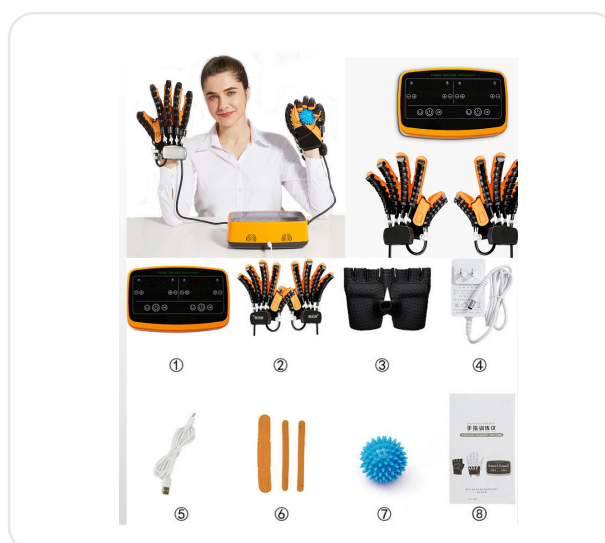


TJ-OM007-3 TAIJIE

Artificial hand rehabilitation robot gloves with single hand training, which is divided into Left & Right. Equipped with intelligent sensors Comfortable, responsive and real-time sensing

TJ-OM008 TAIJIE

Upgrade Smart rehabilitation robot gloves with both hand training. Equipped with intelligent sensors comfortable, responsive and real-time sensing.



TJ-OM014-8 TAIJIE

An artificial hand rehabilitation robot glove with single-hand training function is divided into left and right parts, and it can achieve single-finger training function. It is equipped with intelligent voice, is comfortable, sensitive and has real-time sensing capability.

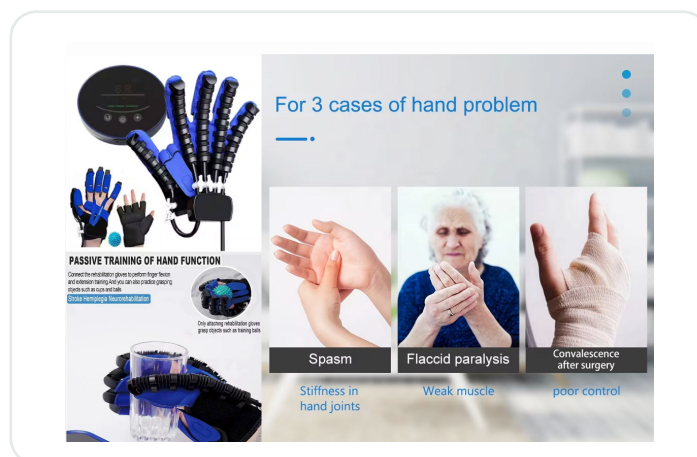


TJ-OM016 TAIJIE

An artificial hand rehabilitation robot glove with single-hand training function is divided into two parts – left and right. It can achieve the function of training individual fingers. It can be carried around daily and is convenient to carry. It is comfortable and sensitive to use.

TJ-OM016-1 TAIJIE

An artificial hand rehabilitation robot glove with single-hand training function is divided into two parts – left and right. It can achieve the function of training individual fingers. It is comfortable to use, sensitive, and has real-time sensing capabilities.



HAND REHABILITATION ROBOT SY-HR10A SYREBO

Hand Rehabilitation Robot SY-HR10A is an advanced robotic rehabilitation system designed to enhance hand function recovery through intelligent, customizable therapy. Featuring an upgraded ergonomic design and intuitive 9-level adjustable training parameters, it delivers personalized rehabilitation with improved ease of use for both clinicians and patients.



Applicable people and departments

Patients with hand dysfunction caused by stroke, brain injury, hand trauma, cerebral palsy, orthopedic surgery, lymphedema after breast cancer treatment, etc.



Streamlined & simplified design



Rehabilitation
Department



Stroke
Center



Neurosurgery
Department



Neurology
Department



Geriatric
Department



Pediatric
Department



Orthopaedic
Department



Physicaltherapy
Department

9 grades adjustable parameter



Adjusting while training



Streamlined & simplified design, easy to operate.



HAND REHABILITATION ROBOT SYREBO



Syrebo hand rehabilitation robot combines soft robotic exoskeleton technology and neuroscience, integrates active training and passive training, covers all stages of hand rehabilitation, helps patients to relearn and recover hand motor functions via series of passive and active exercises to restore self-reliance ability.

Our Robotic Hand Rehabilitation Devices are suitable for every hand dysfunction caused by diseases or injuries, such as stroke, traumatic brain injury, spinal cord injury, Parkinson's disease, hand injury, lymphedema, Alzheimer's disease, cerebral palsy in children, etc. Therefore, its application is distributed in the Rehabilitation, Neurology, geriatrics, pediatrics, and Orthopedics departments in the hospital.



Soft robotic hand extension & flexion



Bilateral mirror training



Immersive interactive games



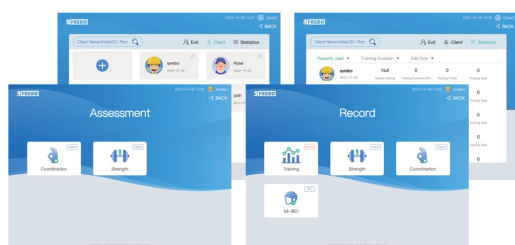
Strength & coordination evaluation

HAND REHABILITATION ROBOT (BCI) SY-HR08G

★ PRODUCT FEATURES

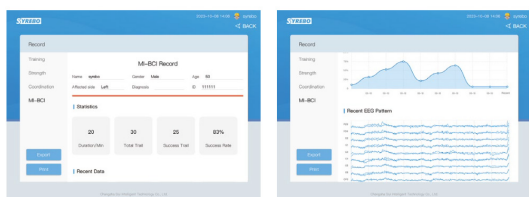
Intelligent user Management

Integrate user profile and multi-assessments in one user management, simultaneously checking rehabilitation progress in multiple dimensions.



EEG data tracking technology

Advanced data processing technology enables EEG signal collection smoothly. EEG signal data can be stored and viewed on MATLAB software, providing references for rehabilitation programs and guidance for clinical research.



Multi-dimensional training

Muscle strength training

Cover all 0-5 MMT score

ROM training

Improve the ROM of shoulder and elbow joint

Cognitive training

Improve user's cognition with memory, attention training

ADL training

Simulate activities of daily living

Coordination training

Improve finger coordination

Active game training

Stimulate active participation

Indication for Use

Patients with hand dysfunction caused by stroke, brain injury, cerebral palsy, hand trauma, parkinson's disease, lymphedema, alzheimer, etc.



Rehabilitation
Department



Stroke
Center



Neurosurgery
Department



Neurology
Department



Geriatric
Department



Pediatric
Department



Orthopaedic
Department



Physicaltherapy
Department

SYREBO® UPPER LIMB REHABILITATION ROBOT SY-UEA2



Syrebo® Upper Limb Rehabilitation Robot adopts a full-featured mobile chassis and high-precision optical positioning technology, providing users with various effective target-oriented training to enhance upper limb strength, speed, and accuracy, and reshape upper limb functionality.

Multi-dimensional Training

3 training goals 4 training modes

Motor training

- Cover all stages of rehabilitation

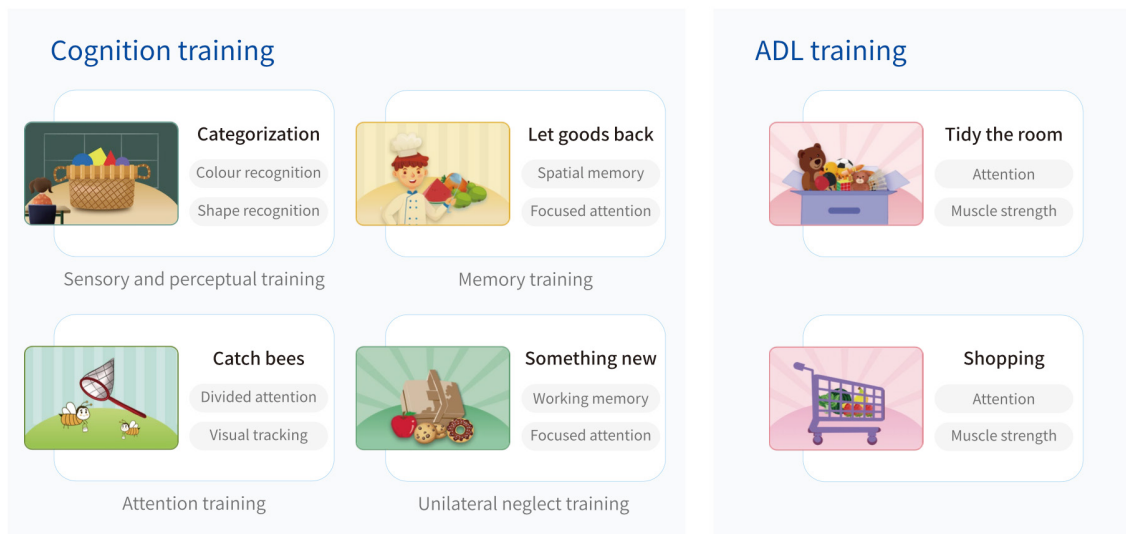


Cognition training

- Improve user's cognitive function, enhance neuroplasticity

ADL training

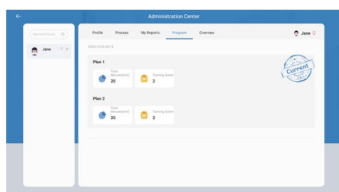
- Restore user's ability of daily living



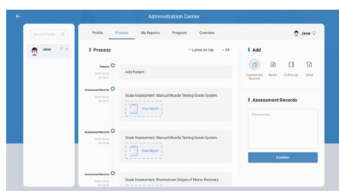
Quantifying Training Process

Intelligent data analysis & evaluation

- Support multi-project training planning



- Combine the evaluation with the training data to quantitatively manage the rehabilitation process



Multi-dimensional feedback

- Speed, strength, range and other parameters are monitored in real-time during training. According to the real-time feedback, the therapist can adjust the rehabilitation training plan in time to achieve closed management of the process.



ACTIVE & PASSIVE TRAINER FOR ARMS AND LEGS SYREBO

It's designed for the rehabilitation of patients with upper and lower limb dysfunction and coordination disorders, and can drive the entire limbs of one or both upper/lower limbs (including shoulders, elbows, wrists, fingers, hips, knees, ankle joints and related muscle groups) to conduct comprehensive exercise training.



★ FEATURES

▪ Automatically generate training reports

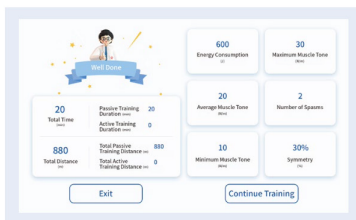
Detailed data helps therapists understand the patient's condition

▪ Smart Human-Machine Interface

10-inch Touchscreen with Voice-guided Interaction

▪ All-round safety protection

Spasm detection/emergency stop protection/intelligent speed regulation program



▪ User-friendly design

Height adjustable / Training radius adjustable



INNOVATIVE DYNAMIC ARM SUPPORT SYREBO

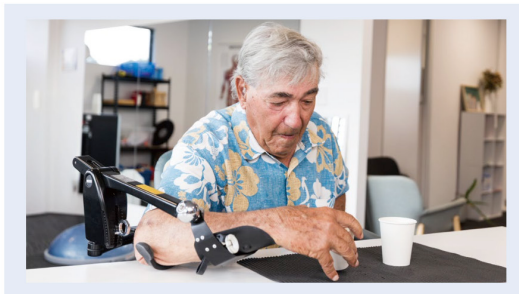
Help people with upper limb dysfunction
achieve 270° flexible movement



★ ASSIST USERS TO PERFORM ADLS TRAINING & OT TRAINING

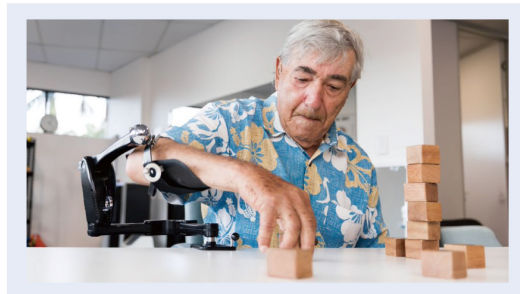
- ADLs training

Assist users in ADLs training such as eating and grooming.



- OT training

Incorporate therapeutic exercises using small objects such as balls, building blocks, and wooden pegboards.



★ FEATURES

- 12-level assistance force of desk



- Adjustable fixing clip, fits various types



SMART REHABILITATION MIRROR

Mirror therapy box is a valuable tool in rehabilitation, leveraging the power of visual perception to improve motor function and alleviate pain.

1. Combination of mirror therapy and speech training
2. Adjustable angles from 70° to 90°
3. An aid of conventional rehabilitation therapy



WHY CHOOSE IPEX HEALTHCARE?



Complete
Rehabilitation
Solutions



Internationally
Recognized
Manufacturers



Clinical Training
& Technical
Support



Preventive
Maintenance &
After-sales Service



Equipment Supply,
Installation &
Commissioning



Nationwide
Sales & Technical
Coverage



Postal Address:

IPEX Healthcare Limited,
P. O. Box 42502, Dar Es Salaam, Tanzania.

Physical Address:

Plot No. 08, Bahati Street, Temeke Area,
Dar es Salaam, Tanzania

Tel: +255 712 897 082 / +255 745 226 582

Email: info@ipex.co.tz **Web:** www.ipex.co.tz