CHINESPORT®

Assistive and passive training

CHINESPORT TOPICS

Chinesport thanks all those who contribute to the development of the contents of this document.

UNI EN ISO 9001:2015
UNI EN ISO 13485:2016

Assistive and passive training


MOTOLife
3
GUARANTEE YEARS
ANNI DI GARANZIA
CE 0476

Motolife™ is born with the aim to improve the lifestyle quality, the health state and the psycho-physical wellbeing of all the people who have a physical or neurological impairment of the lower and upper limbs. Therefore, it is of great help for the functional recovery or for the prevention and invertion complications strictly related to the problems of mobility impairment and immobility.

It is adequate for home use or in clinics, medical offices or at therapy centers for exercising the upper and lower limbs.

In order to train with the Motolife™, users must have the condition of managing the device by themselves, after having received specific instructions by specialized personnel. Otherwise, the constant assistance of a properly trained carer is needed during the therapy sessions.

Motolife™ *Therapeutic indications*

Benefits of the movement therapy with the use of a motorized cycle-ergometer are widely treated in several international papers. They deal mainly with the prevention or invertion of complications which are directly linked to the lack of movement and mobility and especially with the reduction of muscle spasticity, the muscle atrophy caused by immobility, the increase of specific peripheral circulation and the improvement or maintenance of the joint mobility and the slow-down of the case history of neurological pathologies such as a stroke, multiple sclerosis, Parkinson's disease, etc.

USERS

Motolife™ is ideal for users affected by palsy or limited mobility of the legs or arms, caused by:

- Neurological pathologies such as brain stroke, multiple sclerosis, Parkinson's disease, post-polio syndrome, traumatic brain injury, infantile cerebral palsy, cerebral palsy, spina bifida, paraplegia or tetraplegia;
- Orthopedic pathologies such as rheumatism, ostheoarthritis, total knee or hip endoprosthesis, injuries involving the knee joint;
- Metabolism pathologies and of the cardiovascular system (e.g. arteriosclerosis, diabetes mellitus type 2, high blood pressure, PVD, osteoporosis);
- Further therapy for patients under hemodialysis, patients affected by chronic obstructed pulmonary disease or patients with low physical strength in general;
- Circulatory problems at the legs and in the internal organs;
- Geriatric conditions or other problems which lead to the reduction of the movement capacity;

AIMS OF THE TREATMENT

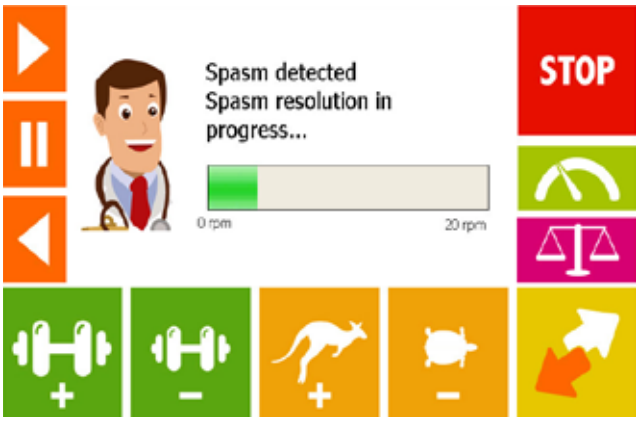
Prevent, reduce and lessen the consequences of the problems related to the loss or limit of mobility especially:

- Avoid muscle weakness;
- Reinforce muscles;
- Reduction of pain;
- Recovery of muscle tone;
- Keep and improve mobility;
- Activate or stabilize circulation;
- Increase resistance;
- Improve cognition and perception;
- Improve symmetry

Motolife™ *Movement modes*

PASSIVE TRAINING

In case there is no residual motor activity for the lower limbs, Motolife™ allows to perform passive pedalling movement, in which feet and legs are moved by the motor at a speed previously set (passive kinesitherapy). When used for upper limbs, in case there is no residual motor activity, Motolife™ allows to move passively arms in a cyclic way.



SPASTICITY CONTROL

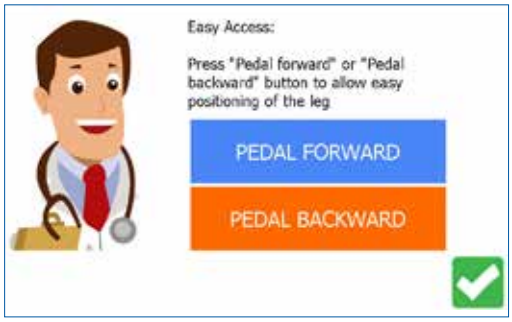
A safety control is present to detect at all times and in real time if there are any muscular spasms during therapy. The system interrupts the therapy in case a spasm is detected and inverts gradually the direction of the pedalling. The sensibility of the detection can be set to adjust the device in the best way for the user.

ACTIVE AND ASSISTED TRAINING

Whenever the user is capable of pedalling, even weakly, by using his or her own force, the motor offers assistance to start and maintain the motion at the pre-set speed (assisted movement). If the user is capable of overcome the motor speed and keep an autonomous pedalling Motolife™ can oppose an adjustable resistance in order to increase the muscles work and improve the cardiopulmonary efficiency (active kinesitherapy).
Switching from one mode to the other happen automatically: the on-board computer checks in real time and continuously the force exerted on the pedals, or on the handgrips, by the user and adjusts the level of assistance or resistance of the motor accordingly.

To avoid the risk of high stress over joints and musculoskeletal system, the pedalling speed with legs and arms with Motolife™ is limited to 100 RPM. Whenever the aforementioned speed is reached, the motor limits its further increase.

During passive or active therapies, it is possible to check in real time, on a display, the active work performed by the limbs (power) and the symmetry between right and left limbs which is represented graphically in a simple and intuitive way.

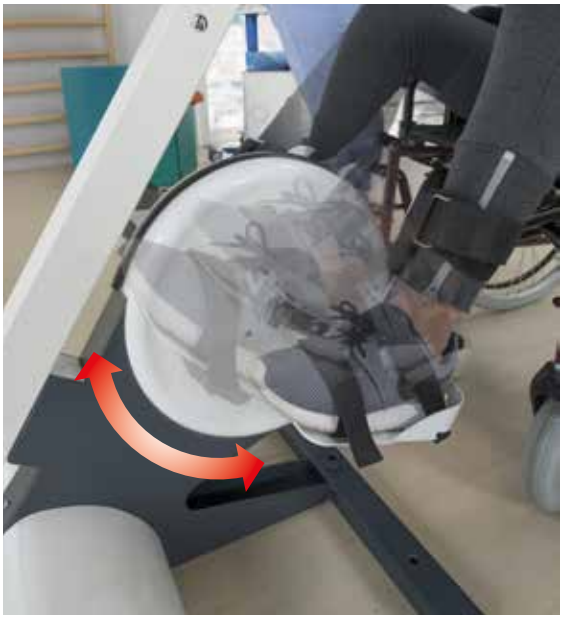


ACCESSIBILITY

The minimum requirement to use the Motolife™ is that the user is capable of keeping an upright position while sitting. It is possible to access to it while still sitting on a wheel chair or any other suitable chair, which must be very stable without castors and which does not swivel. It should have a high backrest. The arrangement of the pedals and of the arm-ergometer as well as the elements of the base have been designed to allow direct access from the patient's wheelchair without having to transfer to any other chair. A power-assisted system helps the positioning of the feet on the safety foot shells.

THE STRUCTURE

The metal structure of the Motolife™, onto which are fixed the motors, the transmissions, the pedals and the handgrips, has been designed to be balanced and resistant to the stress of active pedalling with arms and legs or by eventually muscular spasticity. The broad base and the levelling rubber feet give the structure the best stability on any kind of horizontal floor.



ELECTRONIC FLYWHEEL EFFECT

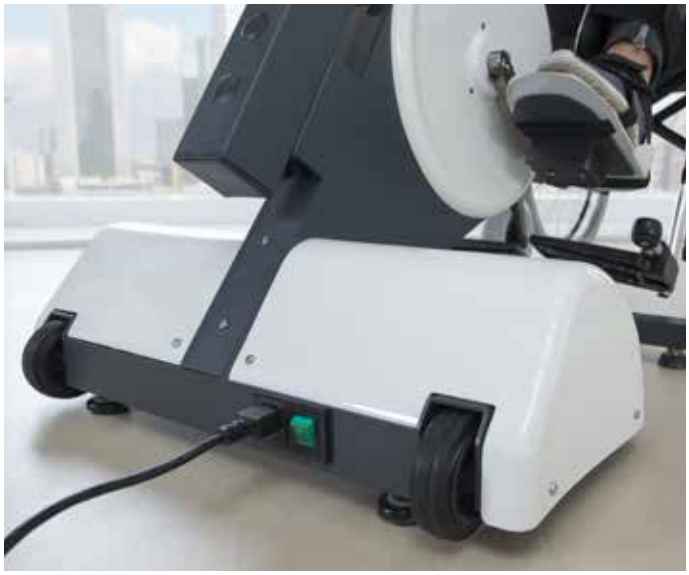
An electronic flywheel effect has been considered and included to reduce the weight and size of the cycle arm-ergometer and to make it easy to move it around. The continuity of the movement is not assured by a flywheel as in the stationary bicycle, but by a torque effect which is electronically generated in real time by the motor.

THE DISPLAY

The big full-color touchscreen display (7”), allows to keep the progress of the exercise under control at all times,with clear and detailed information and it is used to set the parameters of the therapy quickly, by means of big buttons. The buttons are highlighted with different colors for their different functions as well as pictograms for an easier understanding. The colors are vivid but not too bright in order to avoid eye strain.

SAFETY FOOT SHELLS

To allow the use of the device by patients with zero or reduced motility of the feet, the pedals are made with a shell shape which ensures the holding of the foot at the back and side part. The feet are also fixed to the pedals by two velcro straps. Dimensions: W 14 cm x D 28 cm x H 10 cm



INDOOR TRANSFERS

Motolife™ includes a couple of castors with a rubber coating and a large handlebar for easily transferring the device indoors. The large handlebar, in case of the leg model, is also a support for the hands during the therapy.

Motolife™ *The adjustments*

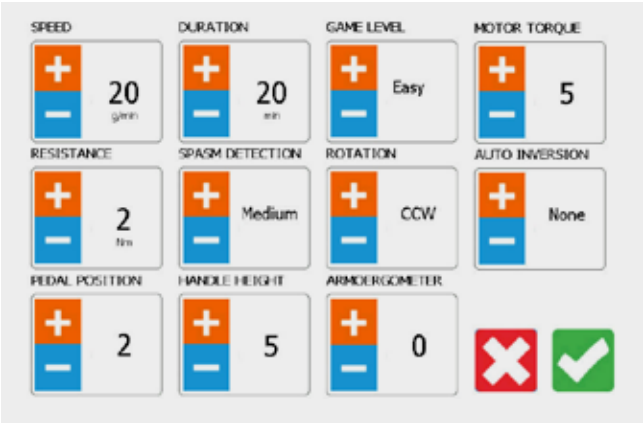
Motolife™ has been tested by physiotherapists and rehabilitation specialists to check its characteristics and functionality, with a special eye for usability and safety. The possibility to adapt Motolife™ to persons of various height and body shapes has been very positive.

HEIGHT OF THE STRUCTURE

The handlebar is adjustable in height, with a total range of 22.5 cm in 10 steps, the arm-ergometer can be adjusted in height from a minimum of 90 cm to a maximum of 109 cm from the floor, to make its use more comfortable. The adjusting mechanism works with a blocking star-shaped knob and a *"loose then pull"*, to ensure safety and repeatability. The lifting is aided by a gas spring which reduces to a minimum the effort for the adjustment.

DEPTH OF THE ARM-ERGOMETER

The arm-ergometer can be adjusted in depth, with a total range of 12.5 cm in 6 steps. This ergonomic adjustment gives more flexibility to the user according to the intended movement that should to be done with the upper limbs. Furthermore, during leg training sessions, the arm-ergometer can be completely pushed backwards to avoid hindering the movement.

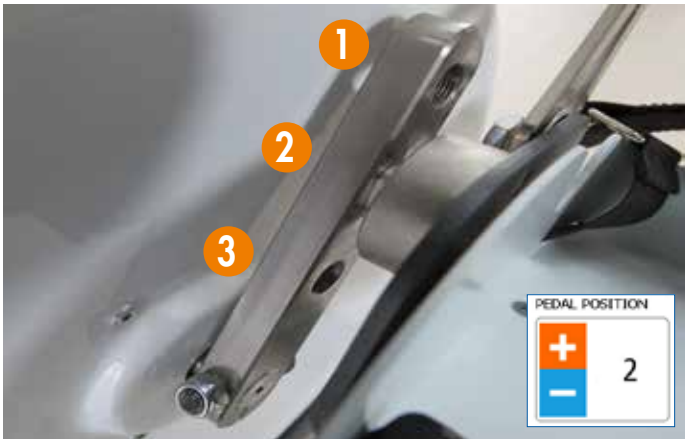


INDIVIDUAL SETTINGS STORAGE

All the working parameters can be adjusted from the therapy settings panel. Because the Motolife™ runs a multiuser software, for each account the settings are kept in a database and can be restored subsequently. Also the parameters regarding the settings of the depth of the arm-ergometer, pedal position, etc. can be stored by using the settings panel and can be restored by the user subsequently.

TILTING DISPLAY

The display support can be tilted even up to a horizontal position. This allows a perfect visibility at any light condition and the possibility for the therapist to set the parameters without the need of having to bend down.



PEDAL POSITION

According the user's ergonomic measurements and to the therapy needs, it is possible to adjust the pedal radius by three sizes: 5 cm, 8.5 cm and 12 cm. For each user the established position can be stored in the settings of the legs therapy and it can be recalled subsequently.

HANDLE POSITION

In the legs and arms version it is possible to adjust also the handgrip position in two different radius sizes:
7 cm and 10 cm. The established position can be stored for each user in the settings of the arms therapy and it can be recalled subsequently.

Motolife™ *The software*

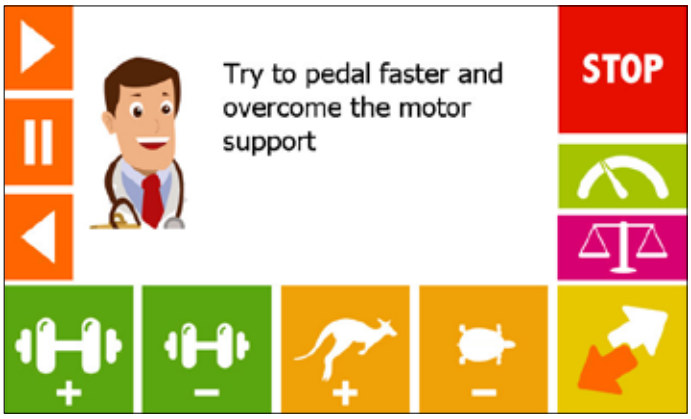
The software is multi-user, and allows to create, modify and delete different user profiles. The settings are stored for each user in a database and they can be recalled when a given account is selected. The user account stores the settings of the therapy, both for legs and arms. It also keeps a record of all the training sessions for each account.

- The Start/Stop buttons of the therapy have great visibility, they are asy to understand and they are easy to reach, both by the patient and by the caregiver.
- Motolife™ is easy to use at home thanks to its friendly user interface with simple and big buttons, large and colorful icons and a very bright display.
- The setting panel for adjust therapy details and for adjust safety parameters (e.g. spasticity control) are easily accessible and easy to understand.

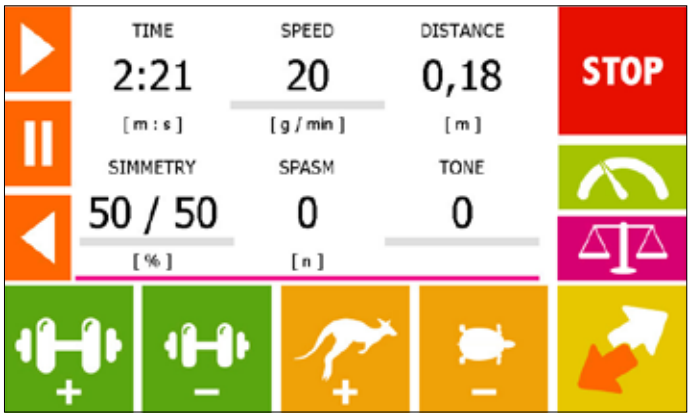
EASY DATA ANALYSIS

By inserting an USB key in the port on the right side of the display it is possible to export data in a text file, in comma separated values (CSV). Such file can be easily imported into an excel file to study the results.

The software has been designed to be easy to use and with the aim to involve the user in order to keep him focused on the training, and give the feeling of always taken care. The colorful interface and the detailed information, as well as the games, keep a high ratio of interest by the users of Motolife™.



The colorful and easy to use interface keeps the user's attention focused by means of sliding screens which show all the details of the training and aim at improving the exercise by using encouraging sentences which change according to the progress of the session. It is possible to understand in real time the balance between active and passive therapies, having a clear view of the involved key parameters.

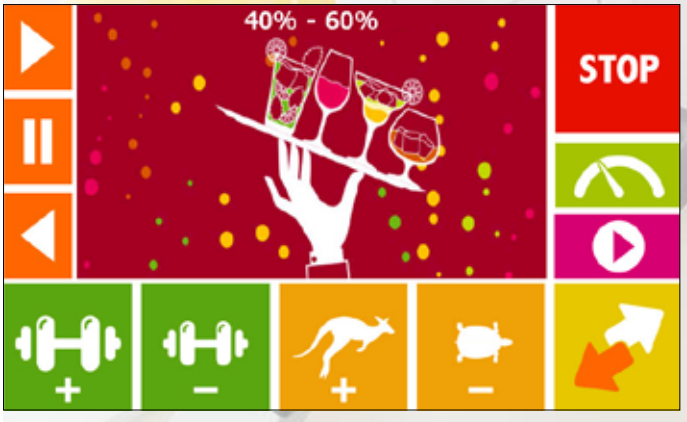


The sliding speed of the screens can be set from the settings panel. During a training session it is also possible to use the side sliding buttons to move forward, backward or block the screens.

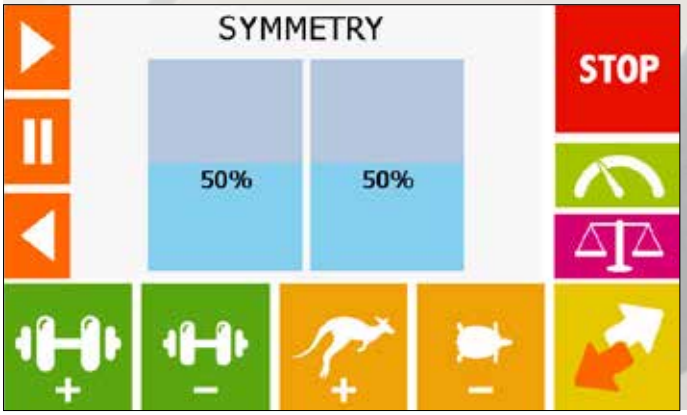
MOTIVATING SOFTWARE

Game-therapy: three different game-therapies with biofeedback are present to improve the involvement of the patient, increasing his commitment during the treatment.

The game related to the pedalling speed shows a ride along a city street. According to the speed of the pedalling the ride becomes faster or slower.



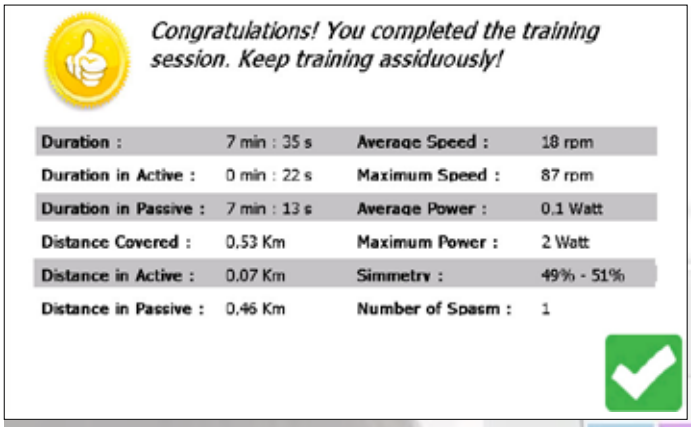
The first game related to symmetry requires balancing a tray and allows the user to be directly involved in the improvement of the balance between both limbs.



The second game related to the symmetry is represented by two colored bars. It improves the involvement of the patient to improve the symmetry of the pedalling.

REPORT

The results, the exercise outcomes and the setting parameters of each session are stored in the database on the device to make it easier for doctors to access them. This helps to check the on-going of the home therapy or its clinical use. It also allows a better control of the progress of the therapy.



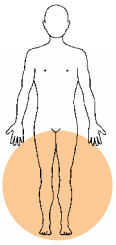
At the end of every training session, all the key parameters are listed and divided between active and passive therapy.

Furthermore, it is possible, from the main screen, to access to the log sessions to view the progress over the time of each parameter.

The Motolife™ database, besides to record the parameters of the therapy for each user, it also allows to export data of all the sessions performed in a given period of time.

AR20011 MOTOLIFE

The device can be qualified as motorized stationary cycle-ergometer for the movement of the lower limbs. It includes a computerized control system which allows to perform a cycling exercise by pedalling with the lower limbs from a sitting and semi-reclined position. It is possible to access the device while sitting in the patient's own wheel chair. The device is made mainly by a metal structure for the frame which contains the motor for the lower limbs. The frame is also the support for the computer unit with a touch screen display from which it is possible to manage all the functions. It is also the support for the large handlebar for support and transport. In the case there is no residual motor activity for the lower limbs, Motolife™ allows a passive pedalling motion, in which the feet and the legs are passively pulled by the motor at a given pre-set speed (passive kinesitherapy). Motolife™ is suitable for home use as well as for clinics, medical offices and other institutions and it is adequate for passive, assisted or active kinesitherapy. It can adapt itself automatically and in real time to the conditions of the user.
Dimensions: W 58 x D 56 ÷ 70 x H 80 ÷ 100 cm; Weight: 48 kg



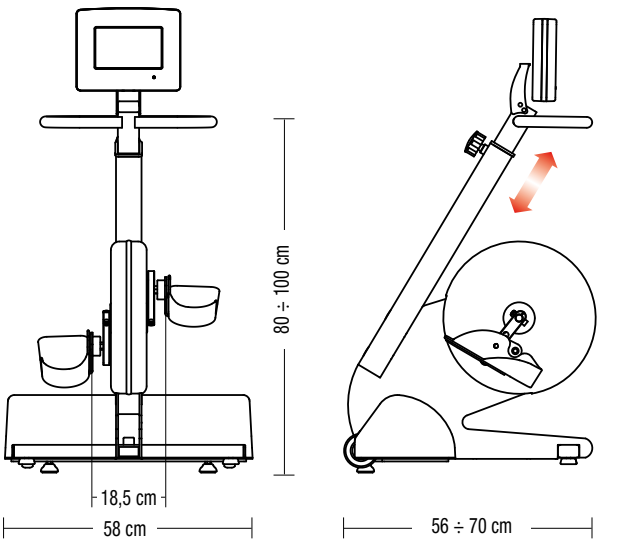
CE 0476

The belts have an adjustable hook anchoring to the structure of the chair.

ACCESSORIES:

AC1076 TIP-UP PROTECTION
AC1077 EXTRA BELTS
AC1078 LEG SUPPORTS
AC1079 SHOE PEDALS FOR CHILDREN
AC1240 ELASTIC STRAPS
AC1241 SOFT INSOLES
AC1278 PADDING SET

TECHNICAL DATA		
User inferface		7'' Colored display with touchscreen
Movement therapy		active, assistive, passive
Resistence levels		20 levels, 2-20 N / m
Standard passive motor speed		60 RPM (Rotation per minute)
Motor speed for Parkinson		100 RPM upon specific request
Max active pedal speed		100 RPM
Motor unit		1
Power supply	Europe	220-240V ~/50-60Hz - 0,83A
	USA, Canada	110-120V ~/50-60Hz - 1,6A
Medical device class		II a
Frame height adjustment		min 90 cm / max 109 cm
Tilt display adjustment		0 - 90°
Pedal radius		3 different positions
Use modality		on wheelchair / other suitable chair
Easy transferring		included 2 castors w/rubber coating
Spasticity control function		3 control levels / Inversion of rotation
Motivating training		Gaming / biofeedback
Individual data storage		Setting parameters and final outcomes
Software update / Data export		by USB key at home



ASSISTIVE AND PASSIVE TRAINING

AR20012 MOTOLIFE EVO

This is a cycle-ergometer for movement therapy of the upper and lower limbs. This model's main feature is the arm-ergometer which features a second stand-alone motor for the movement of the upper limbs. This device provides the possibility of a cycling exercise by pedalling with the lower or upper limbs from a sitting and semi-reclined position. It is possible to access the device while sitting in the patient's own wheel chair. In this model for exercising legs and arms, the structure holds also the arm-ergometer with its motor and handlebar, as well as the motor for the exercise of the lower limbs. When doing the exercises with the upper limbs, if there is no residual motor activity, Motolife™ allows a passive pedalling motion for the arms. Whenever the user is capable of pedalling, even weakly with his or her own muscle strength the motor will provide assistance to start and maintain the motion at a pre-set speed (assisted movement). If the user is capable of reaching a higher speed than the one set the motor will create an adjustable resistance which can be set in order to improve the work of the muscles and the cardiopulmonary efficiency (active kinesitherapy).
Dimensions: W 58 x D 76 ÷ 90 x H 105 ÷ 125 cm; Weight: 56 kg

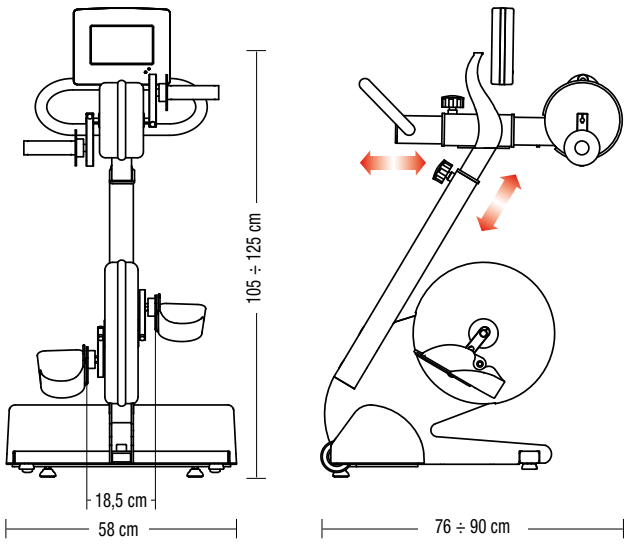
Keeping the patient safely anchored onto the handgrip.

ACCESSORIES:

AC1076 TIP-UP PROTECTION
AC1077 EXTRA BELTS
AC1078 LEG SUPPORTS
AC1079 SHOE PEDALS FOR CHILDREN
AC1080 WRISTBANDS FOR GRIP
AC1081 THERAPY GRIP ARMRESTS
AC1234 VERTICAL GRIP
AC1240 ELASTIC STRAPS
AC1241 SOFT INSOLES
AC1278 PADDING SET

CE 0476

TECHNICAL DATA		
User inferface		7'' Colored display with touchscreen
Movement therapy		active, assistive, passive
Resistence levels	Lower limbs	20 levels, 2-20 N / m
	Upper limbs	2 - 8 N / m
Standard passive motor speed		60 RPM (Rotation per minute)
Motor speed for Parkinson		100 RPM upon specific request
Max active pedal speed		100 RPM
Motor unit		2 / alternative use
Power supply	Europe	220-240V ~/50-60Hz - 0,83A
	USA, Canada	110-120V ~/50-60Hz - 1,6A
Medical device class		II a
Frame height adjustment		min 90 cm / max 109 cm
Arm-ergometer depth adjustment		range of 12,5 cm in 6 pitches
Tilt display adjustment		0 - 90°
Handle radius / Pedal radius		2 different positions / 3 positions
Use modality		on wheelchair / other suitable chair
Easy transferring		included 2 castors w/rubber coating
Spasticity control function		3 control levels / Inversion of rotation
Motivating training		Gaming / biofeedback
Individual data storage		Setting parameters and final outcomes
Software update / Data export		by USB key at home



ASSISTIVE AND PASSIVE TRAINING

FOR ANCHORING THE WHEELCHAIR

AC1076 TIP-UP PROTECTION

To fasten the wheelchair on Motolife™, avoiding it to move from place or tipping up during therapy. The retractable belts have an adjustable hook anchoring to the structure of the chair. (two pieces)

Motolife	Motolife Evo	for kids	for adults
●	●	●	●

AC1077 EXTRA BELTS

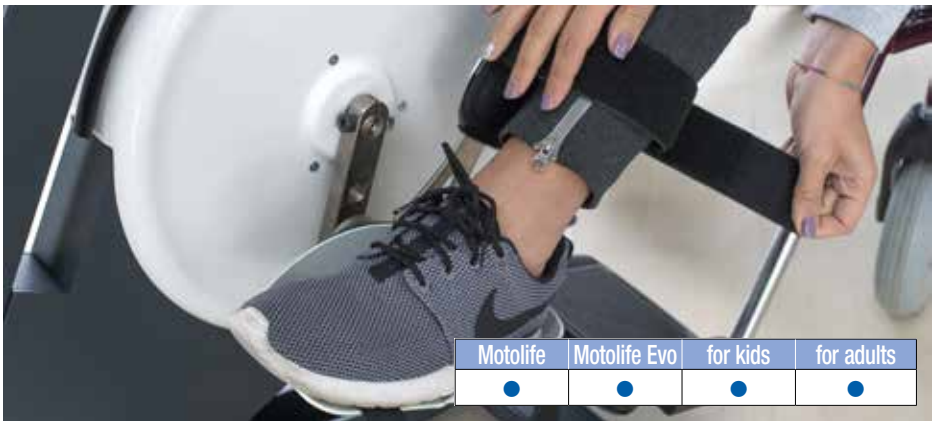
These are useful to fasten the device to a wheelchair to avoid movements or tipping up. This accessory is recommendable to save the wheelchair frame from scratching or when the wheelchair model does not allow alternative for the anchoring. So this accessory can be used only in combination with the tip-up protection accessory code AC1076. (two pieces)

Motolife	Motolife Evo	for kids	for adults
●	●	●	●

FOR THE LOWER LIMBS

AC1078 LEG SUPPORTS

To allow the use by people with leg adduction or abduction problems keeping them safely anchored onto the pedals. The padded support elements are adjustable in height. (two pieces)



Motolife	Motolife Evo	for kids	for adults
●	●	●	●

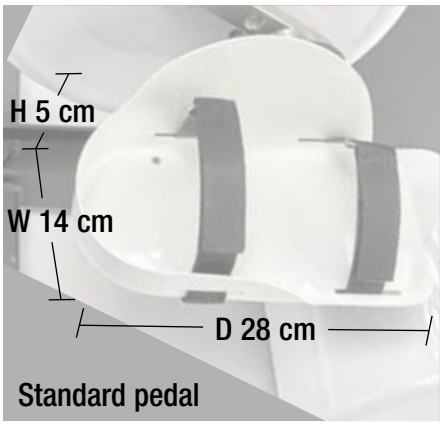
AC1240 ELASTIC STRAPS

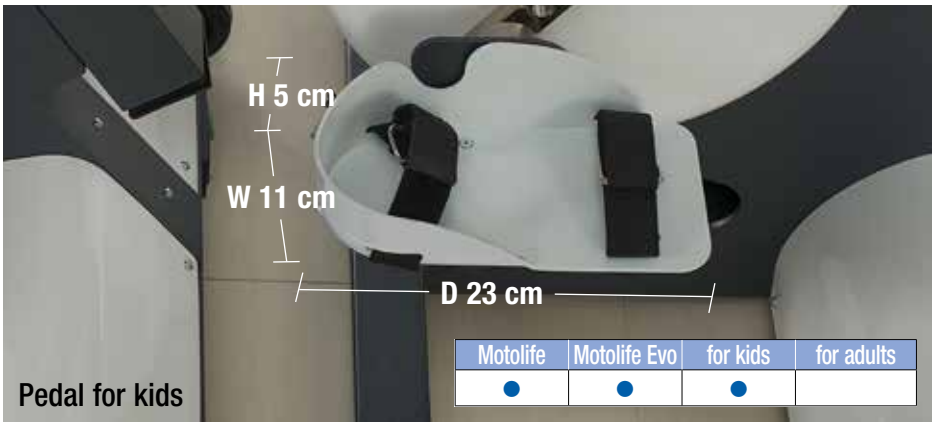
If the patient has orthopedic footwear or other shoes of big dimensions, instead of the standard straps, it is possible to order elastic straps to make possible the needed stabilization of feet on the pedals. (two pieces)

Motolife	Motolife Evo	for kids	for adults
●	●	●	●

AC1079 SHOE PEDALS FOR CHILDREN

Allows the use by children or short-height people due to the use of a smaller and less deep foot shell which keeps the pedal position closer to the user. Dimensions: W 11 cm x D 23 cm x H 5 cm. (two pieces)





Motolife	Motolife Evo	for kids	for adults
●	●	●	

FOR THE LOWER LIMBS

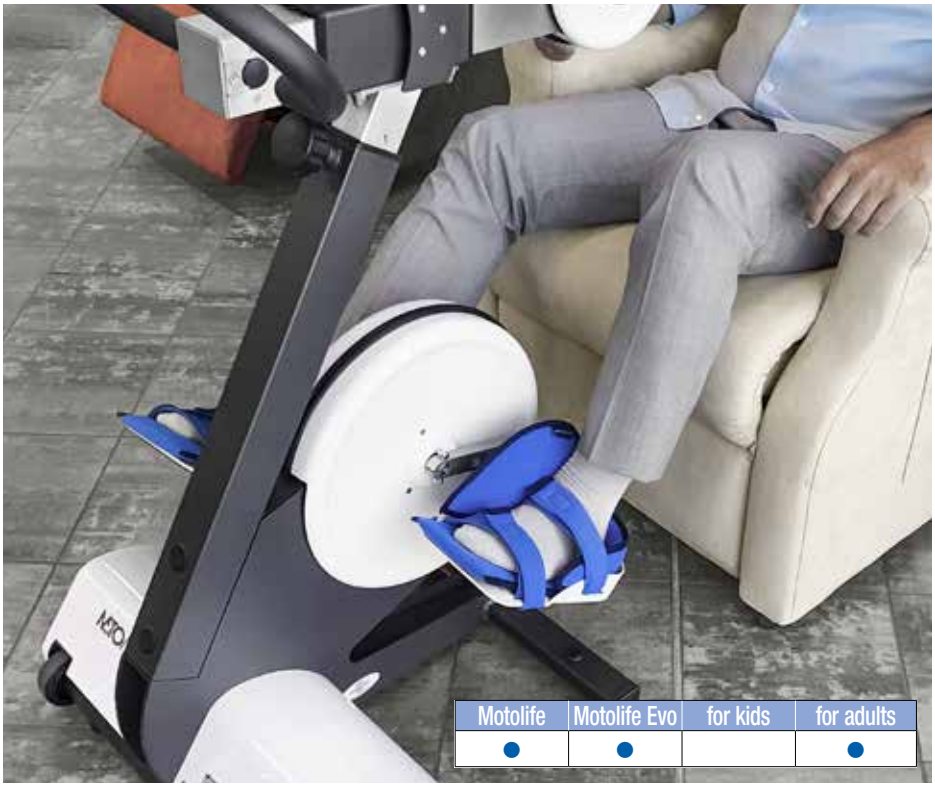
AC1241 SOFT INSOLES

It is possible that at home or in assisted residence the user prefers an employment of the Motolife™ without footwear. In this case it is possible to apply soft soles for a greater comfort. (two pieces)

Motolife	Motolife Evo	for kids	for adults
●	●	●	

AC1278 PADDINGS SET

If the cycle ergometer is used without footwear, it is advisable to apply the cover set accessory to the pedals. The upholstery is padded, soft and warm to the touch; it also completely covers the side edges of the pedals. It can be easily removed for sanitizing and for washing in the washing machine. Two straps in the same material complete the stabilization set for each foot after access is complete. The fastening system is with velcro. Set of 4 elements. (two pieces)



Motolife	Motolife Evo	for kids	for adults
●	●		●

FOR THE UPPER LIMBS

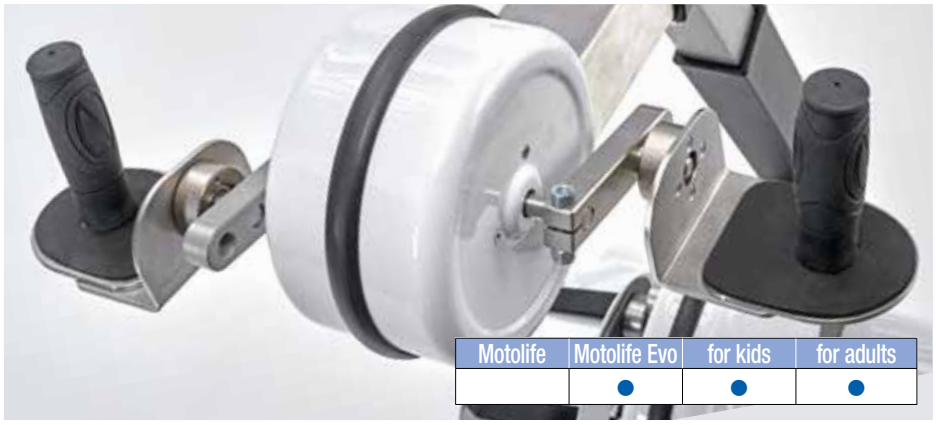
AC1080 WRISTBANDS FOR GRIP

Allows training also for the people who have little or no hand-grip force, keeping the patient safely anchored onto the handgrip. The wristbands are in a universal size. (two pieces).

Motolife	Motolife Evo	for kids	for adults
	●	●	●

AC1234 VERTICAL GRIP

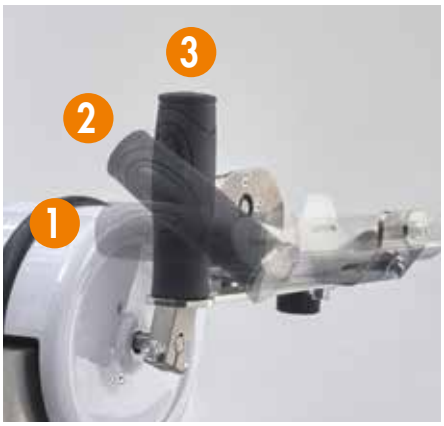
The vertical handle offers a variant of grip to that horizontal supplied as standard. This accessory may result indispensable in relation to a specific patient. (two pieces)

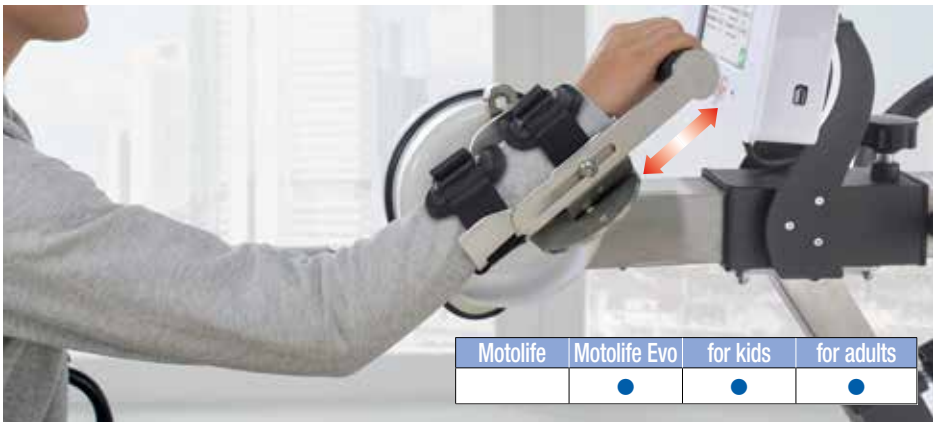


Motolife	Motolife Evo	for kids	for adults
	●	●	●

AC1081 THERAPY GRIP ARMRESTS

Whenever the use of the wristband may not be enough, the armrest hold and anchor the whole forearm to allow a correct training of the upper limbs even to tetraplegic patients. The terminal handle of this support can be set in three different fixed positions, ie for a horizontal, vertical or 45° grip. (two pieces)



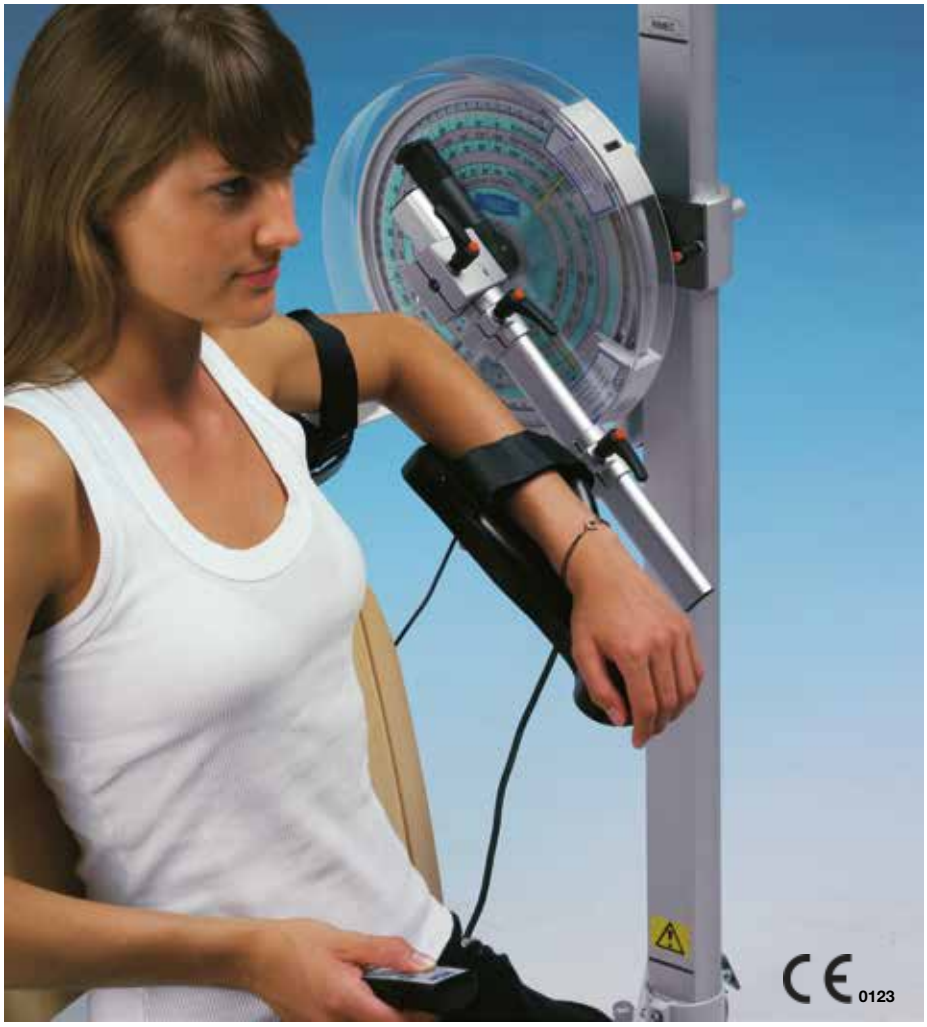


Motolife	Motolife Evo	for kids	for adults
	●	●	●

Continuous passive motion *for shoulder*

01390 FISIOTEK LT

CPM device for left and right shoulder treatment, indicated whenever joint movement needs to be restored passively in both surgical or non-surgical pathologies. It allows rotation with patient sitting down or lying down and the possible movements carried out on the shoulder are: elevation in flexion, elevation in abduction, internal-external rotation. The device is easy to move and handle, suitable for home use. It consists of a base fitted on four swivel casters with brake and is height adjustable.
Weight: 20kg



Supplied with arm support for performing the internal/external rotation movement

1. Elevation in flexion range: 0°÷ 180°

2. Elevation in abduction: complete range

Therapeutic indications

- Arthrotomy, arthroscopy
- Treatment following mobilization
- Surgical treatment of fractures
- Reconstructive surgery
- Endoprosthetic implants
- Operations on soft tissue

TECHNICAL DATA		
Shoulder	Elevation during flexion	0° ÷ 180°
	Adduction-abduction	Complete physiological range
	Internal-external rotation	90°÷ 0 ÷ 90°
Speed		min. 2°/sec. ÷ max. 4,5°/sec.
Range of movement		Adjustment by electromechanical limit switch
Power supply		100÷240 V AC - 50÷60Hz 400mA
Electric safety		Class II B Standard EN 60601-1
Electromagnetic compatibility		Group 1 Class B, Standard EN 60601-1-2
Classification according to EEC Directive 93/42		Class IIa

Optional Accessories

02115 BATTERY CHARGER

Continuous passive motion *for elbow*

MADE IN ITALY

XRI006 FISIOTEK LT-G

The Fisiotek LT-G is a mobilizer used for the passive rehabilitation of the elbow, by means of flexion-extension and pronosupination movements. The structure of the device provides great stability and precision of movement to ensure effective recovery. The programming of the range of movement is done electro-mechanically. The graphic scale on the central disc makes programming easy and intuitive. It is possible to adjust the height of the unit; the movement can be supervised by remote control with Start & Stop. Quality mechanical parts ensure the correctness of the movement over time.

Accessories set included

CE 0123

Elbow prono-supination exercise

Elbow flexion-extension exercise

Therapeutic indications

- Arthrotomy, arthroscopy
- Treatment following mobilization
- Surgical treatment of fractures
- Reconstructive surgery
- Endoprosthetic implants
- Operations on soft tissue

TECHNICAL DATA		
Elbow	Flexion-extension Pronation-supination	0° ÷ 150° 90° ÷ 0° ÷ 90°
Speed		min. 2°/sec. ÷ max. 4,5°/sec.
Range of movement		Adjustment by electromechanical limit switch
Power supply		100÷240 V AC - 50÷60Hz 400mA
Electric safety		Class II B Standard EN 60601-1
Electromagnetic compatibility		Group 1 Class B, Standard EN 60601-1-2
Classification according to EEC Directive 93/42		Class IIa
Weight		47 kg
Dimensions		75 x 75 x 103 h cm

Optional Accessories

02115 BATTERY CHARGER

ASSISTIVE AND PASSIVE TRAINING

Continuous passive motion *for wrist*

XRI007 FISIOTEK LT-P

The Fisiotek LT-P is a mobilizer used for the passive rehabilitation of the wrist, by means of flexion-extension and ulnar-radial deviation movements. The structure of the device provides great stability and precision of movement to ensure effective recovery. The programming of the Range of Movement is done electro-mechanically. The graphic scale on the central disc makes programming easy and intuitive. The movement can be supervised by remote control with Start & Stop. Quality mechanical parts ensure the correctness of the movement over time.

Accessories set included

CE 0123

Wrist ulnar-radial deviation

Wrist flexion-extension

Therapeutic indications

- Arthrotomy, arthroscopy
- Treatment following mobilization
- Surgical treatment of fractures
- Reconstructive surgery
- Endoprosthetic implants
- Operations on soft tissue

TECHNICAL DATA		
Wrist	Flexion-extension	80° ÷ 0° ÷ 80°
	Ulnar/radial deviation	20° ÷ 0° ÷ 30°
Speed		min. 2°/sec. ÷ max. 4,5°/sec.
Range of movement		Adjustment by electromechanical limit switch
Power supply		100÷240 V AC - 50÷60Hz 400mA
Electric safety		Class II B Standard EN 60601-1
Electromagnetic compatibility		Group 1 Class B, Standard EN 60601-1-2
Classification according to EEC Directive 93/42		Class IIa
Weight		47 kg
Dimensions		75 x 75 x 95 h cm

Optional Accessories

02115 BATTERY CHARGER

Continuous passive motion *lower limbs*

MADE IN ITALY

FISIOTEK 3000 Series

A range of models meets the operators' various needs. It ranges from the model that allows you to work on three joints – knee, ankle and hip – to the more specific model for the knee including the simple and compact instrument suitable for rental.

CE 0123

Distinctive elements:

- Fisiotek 3000 is intended for use in rehabilitation to restore joint movement in both surgically and non-surgically treated medical conditions. It is therefore suitable for the needs of a considerable range of patients.
- Its internal software has new programmable features that are useful and easy to use to customise therapy and promote the comfortable, gradual and effective recovery of joint mobility.
- The line's design makes use of high quality materials, such as aluminium and stainless steel to ensure greater dependability over time. The models' linear frame and harmonic structure are pleasing to the patient and instil confidence.
- The remote-control START & STOP functions and hand-held programmable keypad (optional) offer two ways to control the movement of the device: these two handsets are interchangeable and use the same connector.
- Each model of the 3000 line is equipped with a Warm Up feature that can be used to warm the joint before therapy actually begins.

Therapeutic indications

- Surgical repair of the knee's extensor mechanism
- Meniscectomies and meniscal sutures
- Surgical treatment of fractures and pseudoarthrosis
- Osteotomy
- Artificial hip and knee
- Arthroscopy
- Arthrolisys

Optional Accessories

01840 ACCESSORY FOR LIMBS SMALLER THAN 72 CM
Can be mounted only on models FISIOTEK 3000 TS and 3000N. It can be used in rehabilitation for limbs with 61 ÷ 72 cm length and for a range of 0° ÷ 110°. Using the same accessory, you can reach 135° of flexion in a limb with lenght 72 ÷ 100 cm.

01841 FISIOTEK TROLLEY
This trolley is designed to solve any problems with transportation and location within a ward or rehabilitation centre. Easy and functional, it is fitted with non-slip supports for the Fisiotek machine and tray.

02099/02093 FLOATING KEYPAD
With its graphic, user-friendly display, this keypad allows for the equipment to be fully programmed with great simplicity. The graphic symbols provided are self-explanatory.

Continuous passive motion *lower limbs*

TECHNICAL DATA					
CODES	XRI001	XRI002	XRI003	XRI004	XRI005
MODELS	Fisiotek 3000 GS	Fisiotek 3000 G	Fisiotek 3000 E	Fisiotek 3000 TS	Fisiotek 3000 N
Knee and hip mobilization	•	•	•	•	•
Ankle mobilization				•	
Use of memory card	•			•	
Speed control (flexion/extension)	•	•		•	
Speed control			•		•
Workout duration control	•	•	•	•	•
Resistance	•	•	•	•	•
Automatic extension increase	•	•		•	
Automatic flexion increase	•	•		•	
Pause during extension	•	•		•	
Pause during flexion	•	•	•	•	•
Warm Up cycles	•	•	•	•	•
Adjustable foot rest	•	•	•		
Knee movement range	-10° ÷ 120°	-10° ÷ 120°	-10° ÷ 120°	0° ÷ 110°	0° ÷ 110°
Ankle movement range				20° ÷ 0° ÷ 40°	
Hip movement range	-7° ÷ 115°	-7° ÷ 115°	-7° ÷ 115°	-7° ÷ 115°	-7° ÷ 115°
Automatic extension increase limit	•	•		•	
Automatic flexion increase limit	•	•		•	
Repetitions at extension limit	•	•	•	•	
Repetitions at flexion limit	•	•	•	•	

DIRECTIVES - REGULATIONS - LOGISTICS					
Power supply	110 ÷ 230V - 50 ÷ 60Hz				
Electrical safety	Class 1 B Standard EN 60601-1				
Electromagnetic compatibility	Group 1 B Standard EN 60601-1-2				
Classification as per EEC Directive 93/42	Class IIa				
Net weight	9.5 kg	9.5 kg	9.5 kg	14 kg	14 kg
Gross weight	13,5 kg	13,5 kg	13,5 kg	17 kg	17 kg
Packing overall dimensions	105 x 40 x 37 h cm	105 x 40 x 37 h cm	105 x 40 x 37 h cm	103 x 38 x 38 h cm	103 x 38 x 38 h cm

ACCESSORIES					
01840 ACCESSORY FOR LIMBS SMALLER THAN 72 CM				•	•
01841 FISIOTEK TROLLEY	•	•	•	•	•
02099/02093 FLOATING KEYPAD	02099	02099	02099	02093	02093

Plantarflexion of the ankle using Fisiotek 3000 TS

Dorsiflexion of the ankle using Fisiotek 3000 TS

Flexion-extension movement of the hip with Fisiotek 3000 E

Chinesport's website has also been designed and set up for those using mobile phones or iPads, not necessarily because they are out-and-about or travelling, but because they wish to know more about it while using our catalogue or other documentation. We are constantly involved in publishing new detailed information, photos (now even bigger), videos and multimedia files that are worth sharing.

Point, and explore the video!

Chinesport, just a click away

Since 1976 we have been dedicated to developing and manufacturing high quality rehabilitation equipment and assistive devices. Today we are a global leader with excellent and long-standing business relationships worldwide.

The root of our company name refers to the italian word ***chinesiterapia***, or movement therapy. We strongly believe and adhere to ***movement culture*** as a way to prevent and cure injury and disease.

Our own medical-scientific training and educational program is continuously expanding and caters for all specialized rehabilitation fields. The ***Healthy posture for healthy movement*** concept is part of our approach.

CHINESPORT®

Chinesport SpA

Via Croazia, 2 • 33100 Udine • Italy
0432 621 621 • export@chinesport.it

Our partner

Edition 2023.12

www.chinesport.com