



International
Kinetec Catalogue

**Products for Professional
Rehabilitation**



Welcome to the International Kinetec Catalogue.

Kinetec conceives, produces and markets at a global level a range of products for Rehabilitation purpose in Orthopaedic and Trauma departments.

By reviewing the following pages of the catalogue you will get a complete vision of the most comprehensive range of Continuous Passive Motion devices, as well as other additional products specifically developed at the request of medical professionals.

The Kinetec team has over 30 years of experience in the physical rehab market.

We look forward to providing you with the high quality and exceptional service you have grown to expect from the Kinetec brand.

Kinetec Services

The Kinetec brand, which has been in existence for more than 30 years, has always represented value, quality and reliability. We introduced our after sales service department in recent years, and have seen this grow significantly as an added value service provider for all our customers.

The **After Sales Service facility** exists to:

- Train and develop your technical and sales staff
- Support you with field visits
- Design and develop training plans and programs
- Help develop your own technical support team
- Act as advisors and trainers for service technicians and repair staff
- Support you during Kinetec Road Shows, providing product and technical help and guidance
- Manage and support your demand for spare parts
- Supply advice and guidance on the maintenance and support for all machines manufactured over the last 30 years
- Offer a back-up repair centre
- Manage extended warranties and service contracts
- Help design and set up for rental operations

In addition to the market and product support functions detailed above our After Sales Service function, extends to the managed recycling of old CPM products, via our Trade In facility. We feel this is an important additional service, provided to you in compliance with Directive 2002/96/CE - DEEE – (Electrical equipment scrap and electronic).

The After Sales Service facility can be contacted on the normal telephone lines or via your customer care contact.



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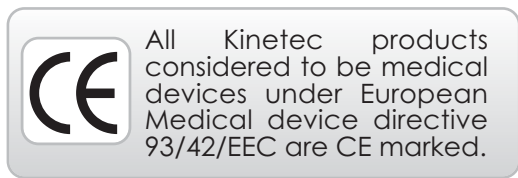
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“The sooner the joint is moved, the better.”

- R. Salter*

Continuous Passive Motion (CPM) Therapy

Experimental investigations in the 1970s provided the scientific basis for CPM treatment using motor-driven exercise equipment. Positive clinical experience, with this exciting therapeutic modality being well received by surgeons, therapists and patients, accelerated its widespread acceptance. Twenty-five years later, advances in technology and the extension of this form of post-surgical rehabilitation therapy to new indications and protocols demonstrate that CPM still plays an integral and significant role in orthopaedic recovery. For the patient, it is a valuable and well-tolerated method of rapidly restoring lost joint function, mobility and confidence.

It is important to review the key clinical outcomes from Professor Robert Salter's pioneering animal work. He used rabbits with the following pathologies:

- Full thickness cartilage defects
- Acute septic arthritis
- Intra-articular fractures
- Partial thickness tendon lacerations

Rabbits with full thickness cartilage defects were divided into three treatment groups with therapy instituted immediately postoperatively as follows:

- Immobilisation with a cast
- Intermittent active motion (cage activity)
- Continuous passive motion

Conclusions

- The immobilised group showed healing characterised by the formation of fibrous tissue and many joint adhesions.
- The cage activity group showed imperfect healing characterised by a combination of fibrous tissue and poorly differentiated cartilage.
- The CPM group showed healing through formation of new hyaline-like cartilage occurring in one half of the defects within four weeks. CPM did not harm intact, normal living articular cartilage in rabbits.

The benefits of CPM for healing cartilage:

- Enhanced nutrition and metabolic activity
- Accelerated healing of articular tissues
- Regeneration of cartilage

The benefits of CPM for healing tendons:

- Restoration of the tendon's gliding surface
- Greater mean breaking strength of the tendon
- Enhanced intrinsic healing through synovial diffusion
- Prevention of adhesion formation

Because CPM therapy...

- Increases joint mobility and range of motion
- Helps decrease complications such as joint stiffness and adhesions
- Reduces the length of post-operative hospitalisation, and
- Builds patient confidence, well-being and independence

...CPM therapy is cost effective.



*Salter, RB; Simmonds, DF; Malcom, BW; Rumble, EJ; MacMichael, D; Clements, ND. The biological effect of continuous passive motion on the healing of full-thickness defects in articular cartilages. An experimental investigation in the rabbit. J Bone Joint Surg. 1980; 62A: 1231-12151.

Indication for Knee & Hip

- Knee replacement surgery
- Fractures (ie patellar, tibia plateau, femoral)
- Arthrolysis
- Hip surgery, including hip replacement, hip pinning, osteotomy
- Ligament repairs
- Arthroscopic surgery (ie menisectomies, patellectomies)
- Burns, joint sepsis

Indication for Shoulder

- Total shoulder replacement
- Repeated dislocation of the humerus
- Rotator cuff injury
- Upper humerus fractures
- Scapula fractures
- Acromioplasty
- Capsulotomy
- Arthrolysis
- Synovectomy for Rheumatoid Arthritis
- All types of shoulder stiffness



Indication for Elbow

- Intra-articular fractures of the elbow with Open Reduction and Internal Fixation (ORIF)
- Metaphyseal fractures in elbow area with ORIF
- Arthrolysis for post-traumatic stiffness with limitation of elbow joint motion
- Release for extra-articular adhesions
- Prosthetic elbow joint replacement
- Synovectomy of the elbow
- Arthrotomy and drainage of acute septic elbow Joint

Indication for Hand & Wrist

- Flexor and extensor tendon tenolysis
- Aponeurectomies for Dupuytren's disease
- Open reduction and internal fixation of intra-articular diaphyseal, metaphyseal and epiphyseal fractures of the phalanges
- MCP arthrolysis
- Prosthetic replacement of the MCP, PIP and DIP joints
- Rheumatoid/neurological or post-burn for stiffness
- Capsulotomies, arthrolysis and tenolysis for post-traumatic stiffness of MCP, PIP and DIP joints
- Synovectomies

Indication for Ankle

- Passive mobilisation of the following fractures after internal fixation
- Mobilisation of the joints of the foot after operative or conservative treatment of lesions of the:
 - Achilles tendon
 - Lateral collateral ligament
 - Medial collateral ligament
- Surgical lengthening of the achilles tendon for post-traumatic stiffness
- Club foot



A CD-Rom
 "A clinical and Cost Effectiveness Outcomes Analysis"
 Available on simple request.

Knee CPM Machine

Kinetec offers a complete range of apparatus for the lower limb. The below chart will enable you to select the optimal device according to your needs.



Technical Datas:

	Prima Advance	Prima XL	Spectra Essential	Spectra Spectra - DC	Performa
Range of Motion					
Flexion	115°	115°	120°	120°	130°
Extension	-5°	-5°	-10°	-10°	-3°
Hip Flexion	75°	75°	75°	75°	80°
Hip Extension	10°	10°	10°	10°	10°
Foot positioning					
Plantar Flexion	40°	40°	40°	40°	40°
Dorsal Flexion	30°	30°	30°	30°	30°
Abduction/Adduction	-	-	30°	30°	30°
Sizes of the patient					
Maximum weight	130kg	227kg	130kg	130kg	130kg
Patient sizing	145/195cm	145/195cm	145/195cm	145/195cm	112/206cm
Full leg	71/99cm	71/99cm	71/99cm	71/99cm	58/110cm
Tibia 38/53cm	38/53cm	38/53cm	38/53cm	32/60cm	
Femur	33/46cm	33/46cm	33/46cm	33/46cm	26/50cm
Mechanics specifications					
Movement	Semi anatomical	Semi anatomical	Semi anatomical	Semi anatomical	Perfectly anatomical
Free perineal area	-	-	-	-	Yes
Transport Handle	-	-	Yes	Yes	Yes
Remote control Storage	-	-	Yes	Yes	-
Weight	11kg	12kg	12kg	12kg	15kg
Length/Width	95/33	95/33	95/33	95/33	109/33
Carriage width	25cm	32cm	25cm	25cm	25cm
Delivered with Pads	Yes	Yes	Yes	Yes	Yes
Delivered with Comforts Support	Clipsed	Strapped	Clipsed	Clipsed	Strapped
Electronics specifications					
Digital adjustment	-	-	Yes	Yes	Yes
Analog adjustment	Yes	Yes	-	-	-
Tactile adjustment marks	Yes	Yes	-	-	-
Multi Language display	-	-	Yes	Yes	-
Speed (in °/minute)	40° to 145°/min	40° to 145°/min	45° to 155°/min	45° to 155°/min	50° to 220°/min
Warm Up mode	-	-	-	Yes	-
Pain level adjustment (Manual)	-	-	-	Yes	Yes
By Pass mode	-	-	-	Yes	Yes
Program	-	-	-	Yes	-
Timer-	-	-	Yes	Yes	-
Total Time counter	-	-	-	Yes	Yes
Active movement	-	-	-	-	Yes
Pause	-	-	Yes	Yes	Yes
Data Capture (only in DC)					
Patient Report	-	-	-	Yes	-
Programming with computer	-	-	-	Yes	-
Data analysis	-	-	-	Yes	-
Security					
Start/Stop/Reverse	Yes	Yes	Yes	Yes	Yes
Pain level adjustment	Preset	Preset	Preset	Ajustable	Ajustable
Patient lock out adjustment	-	-	Yes	Yes	Yes
Voltage	90 to 260V	90 to 260V	90 to 260V	90 to 260V	90 to 260V
Power	50VA	50VA	50VA	50VA	50VA
Classification	Type B/Class I	Type B/Class I	Type B/Class I	Type B/Class I	Type B/Class I
EMC compatibility	Yes	Yes	Yes	Yes	Yes
CE Registration	Yes	Yes	Yes	Yes	Yes

Kinetec Prima Advance Knee CPM Machine



Simplicity combined with the famous brand name provides effective passive mobilisation of the knee.

- Easy to use
- Tactile Adjustment Marks
- Available with Comfort Plastic Support
- Light
- Compact



EASY TO USE

With simple and straightforward movement adjustments (angular limits, speed and patient sizing), the Kinetec Prima Advance is the most intuitive and quick to install device currently available.

It features tactile adjustment marks for patients with sight deficiency.



LIGHT

Only 11 Kg (24 pounds) to facilitate handling, the Kinetec Prima Advance is easy to transport making it ideal for the hospital and private physiotherapy environments.

COMPACT

Only 94 cm (37 inches) in length to facilitate installation into a hospital bed or in the client's home and to aid storage.

RANGE OF MOTION

From **-5° to 115°** of flexion. The Kinetec Prima Advance makes it possible to treat all pathologies of the knee.



Ordering Information

4621008002 Complete apparatus • Pads
 4621008042 Complete apparatus • Clipped Comfort Supports
 46EXTGAR3G 3-Year Warranty Extension
 For detail and accessories see page 10.

Kinetec Spectra Knee CPM Machine



An **unbeatable combination** of good looks and mechanical innovation sets Spectra apart as the Knee CPM of choice.

- **Light**
- **Compact**
- **Feed Back Patient**
- **Digital adjustment.**
- **Available in 3 different versions**

RANGE OF MOTION

From **-10° to 120°** of flexion.

The Kinetec Spectra allows treating all pathologies of the knee.

The **anatomically correct** system increases the comfort of the patient and decreases the points of pressure.

LIGHT

Only 12 Kg (26 pounds). Provided with two handles transport board.

The Kinetec Spectra is very easy to transport for a use in the hospital or in cabinet.

DIGITAL ADJUSTMENT

For all versions of the Kinetec Spectra, the remote control is easy to use and intuitive, that allows a precise and quick adjustment of the movement parameters.

PATIENT FEEDBACK

The large **LCD screen** shows the immediate and the programmed range of motion allowing a patient stimulation.



Kinetec Spectra Essential

Operated by a simplified remote control, allowing the precise adjustment of the basic parameters of the movement:

- Range of Motion
- Speed
- Pause in movement limits, allowing rest or a posture
- Adjusted parameters locking
- Start/Stop and reverse of the movement



Ordering Information

4621006202 Complete apparatus • Pads
 4621006242 Complete apparatus • Clipped Comfort Supports
 46EXTGAR3G 3-Year Warranty Extension
 For detail and accessories see page 10.

Kinetec Spectra

For complete movement and progressive rehabilitation. Besides the basic adjustments featured in the Kinetec Spectra Essential, the Kinetec Spectra enables more advanced movement features:

- Warm Up** The patient reaches gradually the pre-set full ROM
- Modulation** Allows manual setting of the ROM end-point based on patient tolerance. This mode is generally used at the beginning of the session
- ROM By Pass** Used during the session, this mode allows a manual setting based on new patient tolerance, thus offering a real progressive work of the Range of motion
- Force** This security feature allows the patient to reverse, more or less easily, the movement by a simple muscular contraction
- Timer** Control of the session time
- Programme** Allows set-up of 16 customised programmes



Ordering Information

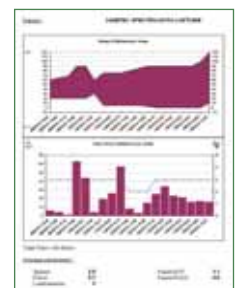
4621006302 Complete apparatus • Pads
 4621006342 Complete apparatus • Clipped Comfort Supports
 46EXTGAR3G 3-Year Warranty Extension
 For detail and accessories see page 10.

Kinetec Spectra DC (Data Capture)



For even more precision. The capture and data processing of movement and the patient. The remote control is identical to the Kinetec Spectra but has a built-in memory which records the rehabilitation sessions of the patients. The unique Kinetec software and its USB interface delivered with the Kinetec Spectra DC allow :

- Management of 16 different patients
- Simplified programming of the 16 programs available with the Kinetec Spectra
- Preparation of the protocols of rehabilitation for each patient
- Precise evaluation of the patient progress throughout treatment
- Edition in graph of patient progress
- Data analysis of the movement: time, range of motion, load, speed
- Quick start up session using pre-programmed parameters and current calendar date



Additional technical data:

- Electrical connection by the USB plug
- Compatible Windows XP & Vista
- Disk space required: 200Mo
- Disc reader
- Printer for patient reports

Ordering Information

4621006402 Complete apparatus • Pads
 4621006442 Complete apparatus • Clipped Comfort Supports
 4610008838 Remote Control for Spectra first version
 4670024709 Soft + USB Connector
 46EXTGAR3G 3-Year Warranty Extension
 For detail and accessories see page 10.



Kinetec Performa Knee CPM Machine

Continuous Passive Motion



The **ideal choice** of CPM for knee rehabilitation. Anatomical design perfectly matches natural knee movement.

- **Anatomical movement**
- **Adjustable in length from small children to large adults**
- **Active movement**
- **Feed Back Patient**
- **Digital adjustment**



PATIENT SIZING

Can be used for patients up to 2.06m (81 Inch) tall.
Can be used for patients as short as 1.12m (44 Inch).

COMFORT

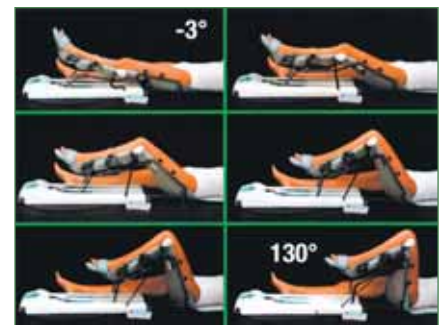
No bar in the perineal area for greater patient comfort and improved compliance.

RANGE OF MOTION

3° of Hyperextension to 130° of Flexion.

ANATOMICALLY DESIGNED

The movement of the machine and the knee are perfectly aligned.



Ordering Information

4621001802 Complete apparatus • Pads
4621001842 Complete apparatus • Comfort Supports
46EXTGAR3G 3-Year Warranty Extension
For detail and accessories see page 10.



Kinetec Prima XL Knee CPM Machine



Simplicity, combined with an extra wide carriage provides effective passive mobilization of the knee.

- **32cm (12½ Inch) wide carriage**
- **227Kg (500pounds) body weight load rating**
- **Easy to use**
- **Tactile Adjustment Marks**



The Kinetec Prima XL is the same design than the Kinetec Prima Advance, having a control panel integrated into the base, making it very easy to use.



Its leg support extended to 32cm compared with 25cm for the other CPM Machine and the reinforcement of its motor enable it to mobilise the legs with extreme dimensions.

Ordering Information

- | | |
|------------|---------------------------------------|
| 4621008102 | Complete apparatus • Pads |
| 4621008142 | Complete apparatus • Comfort Supports |
| 46EXTGAR3G | 3-Year Warranty Extension |
- For detail and accessories see page 10.



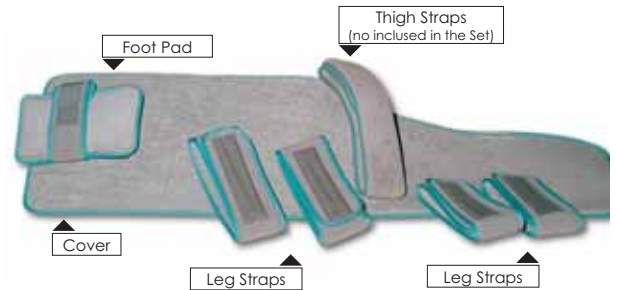
Kinetec Knee CPM Machine Accessories

A • HYGIENIC PADS

Pads for the knee CPM's are very comfortable and easy to attach with hook and loop fasteners. The covers can be autoclaved.

Ordering Information

4650001058	Complete Set for Performa: 3 Covers, 4 Leg Straps, 1 Foot Pad
4650001868	Complete Set for Spectra: 1 Cover, 4 Leg Straps, 1 Foot Pad
4650001553	Complete Set for Spectra: 1 Cover with embroidery, 4 Leg Straps, 1 Foot Pad
4650001149	Straps Set for Performa: 4 Leg Straps, 1 Foot Pad, 1 Thigh Strap
4650001107	4 Leg Straps
4650001165	Covers - Pack of 20
4650001157	Covers - Pack of 5
4650001090	1 Cover
4650001131	Foot Pad (for Performa)
4650001420	Foot Pad (for Spectra)
4650001123	Thigh Strap
4650001826	2 Leg Straps for Prima XL
4650001834	1 Cover for Prima XL



B • COMFORT PLASTIC SUPPORT – WITHOUT CLIPS

Especially designed to provide optimum comfort and hygiene for the patient, the Kinetec Comfort Plastic Supports fit all Kinetec knee CPMs. The Comfort Plastic Supports attach to the knee CPM machine with straps, as shown.

The straps allow the supports to be adjusted to suit a range of leg sizes.

Ordering Information

4670023701	Compleat Set for all Knee CPM: foot, leg and thigh part
4670017655	Compleat Set for for Performa: foot, leg, thigh part and thigh bar
4670023694	Thigh support with straps
4670023686	Tibia support with straps
4670024048	Foot support with straps
4635010561	Straps for foot support
4670016657	Thigh bar for Performa



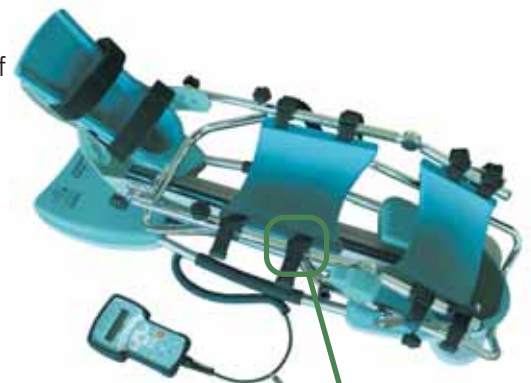
C • COMFORT PLASTIC SUPPORT – WITH CLIPS

The new Comfort Plastic Supports are equipped with clips, directly positioned on the tubes of the tibia and thigh support of the machine, thoses clips are available for all Kinetec Knee machine in new order except the Prima XL due the weight of the leg and the Performa due the paediatric position.

This version of the Comfort plastic support allows an easy and quick adjustment of the patient leg size, even if this one is on the unit.

Ordering Information

4670024345	Compleat Set: foot, leg and thigh part
4670024337	Thigh support with straps
4670024329	Tibia support with straps
4650001876	Strap (unit)
4670024048	Foot support with straps
4635010561	Straps for foot support



Kinetec Knee CPM Machine Accessories

D • PAEDIATRIC FOOT PLATE

Paediatric Foot Plate adaptable on Spectra and Prima Advance. This accessory allows mobilising patients of small size, minimum full leg of 53cm (21 lcnh) compared with 71cm (28 Inch) out of standard.

Ordering Information

4670023777 Paediatric Foot Plate

E • SEAT ADAPTOR

This accessory is adaptable on Spectra and Prima Advance. It can be used in a treatment centre or at home. It allows patients with minimal mobility to be seated without assistance and more important, to remain seated, which is more motivating for physical therapy.

Ordering Information

4670024098 Seat Adaptor

F • Cart

This easy to use cart is designed to transport and store KINETEC CPM knee units and accessories. Streamlined, durable and resistant to commonly used disinfectants.

Ordering Information

4655001053 Trolley for all Knee
4665003297 Cart for Bed use
4665003750 Cart for Bed use- version low base
4665003560 Performa adaptation for Cart for Bed use

G • TRANSPORT BAG

Provides secured storage and transportation of the Kinetec Prima Advance and the Kinetec Spectra.

Ordering Information

4640001844 Transport Bag

H • TRANSPORT BOX

Provides secured storage and transportation of the Kinetec Prima Advance and the Kinetec Spectra.

Ordering Information

4640001927 Transport Box

OPTIONAL DEVICES (not illustrated)

4670015683 Bed Frame Attachment
4670015708 Sliding Stop and Castors (Transport Wheels)
4650000927 Thigh Fastener (Leg Restraint)



Kinetec Centura Shoulder & Elbow CPM Machine

Continuous Passive Motion



The Kinetec Centura Anatomical Shoulder CPM Machine is the ideal choice for hospital and home shoulder rehabilitation.

- **Quality and number of movements**
- **Synchronisation system**
- **Flexible and evolutionary machine**
- **Soft chair for patient comfort**

- Provides post-operative passive range of motion
- Prevents joint stiffness, oedema, soft tissue contractures and muscles atrophy
- Patient set-up is anatomical, comfortable and quick with a colour-coded set-up system
- Programmable hand control allows pre-programming 16 different protocols
- Change for right and left is easy
- Breaks down for convenient transportation; also includes a carrying case for detachable parts



Indications

- Rotator cuff repair
- Total shoulder replacement
- Fractures and dislocations requiring reconstructive surgery of the clavicle, scapula, AC joint or glenohumeral joint
- Capsulotomy
- Acromioplasty
- Burn
- Intra-articular fractures of the elbow with ORIF
- Arthrolysis for post-traumatic stiffness with limitation of elbow joint motion
- Release for extra-articular adhesions
- Prosthetic Elbow joint replacement
- Synovectomy of the Elbow

New exclusive feature foldable machine, for easy handling, storage and cost effective shipment.

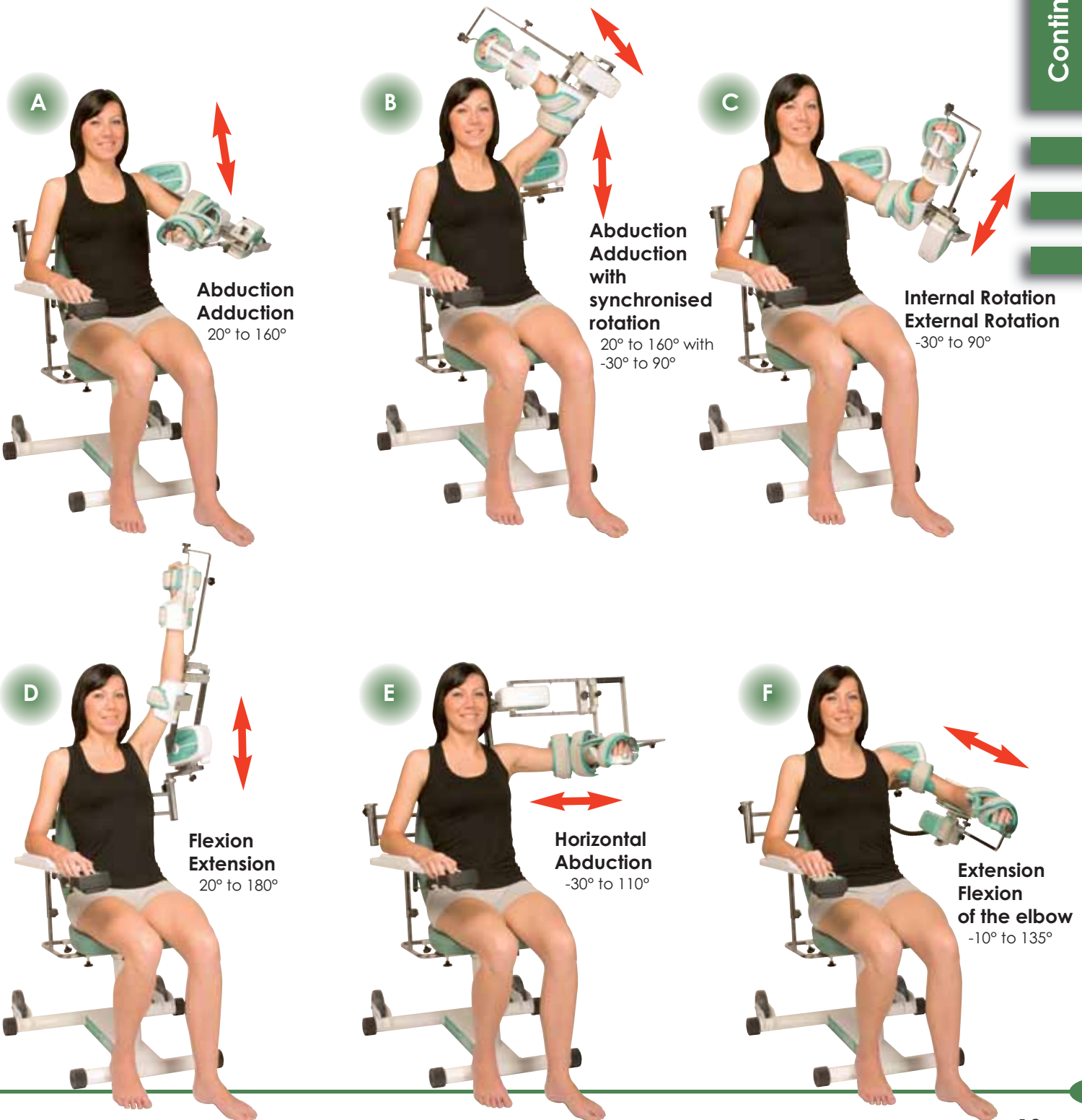


NEW

The Centura Environment is made up of 5 complementary and flexible machines making it possible to cover the most important movements of the shoulder and the elbow:

Movements	Centura 1 motor	Centura	Centura 5	C.E.M	Centura B&W
A - Abduction/Adduction	•	•	•		•
B - Abduction/Adduction with synchronised rotation		•	•		
C - Shoulder Rotation		•	•		
D - Shoulder Flexion/Extension	•	•	•		•
E - Horizontal Abduction			•		
F - Elbow Flexion/Extension				•	

The Kinetec Centura machines have an ergonomic and autonomous remote control with a visual feedback, allowing the adjustment of the different parameters of the rehabilitation movement.



Kinetec Centura B&W Shoulder CPM Unit

This version of the KINETEC Centura allows the early mobilisation of the shoulder into immediate post-operative.

Easy to use, it can be coupled to any current available Bed and Wheelchair (B&W) on the market.

This CPM Machine features a maximum arc of movement of 110° with an adjustment of the angular range allowing to adapt to the position of the patient.



KINETEC Centura C.E.M Elbow CPM Machine

The Kinetec C.E.M machine allows the extension/flexion of the elbow with fixed prono-supination, in all plans of the shoulder abduction.

- Extension/Flexion -10 to 135°
- With fixed Prono-Supination
- In all plans of the shoulder abduction

Modulable: Complete CPM or available on module adaptable on Centura.



C.E.M Module

Technical data:

- Patient sizing: from 1.4 to 2m
- Maximum user weight: 130kgs
- Load reverse ensures patient protection when excessive force is exerted on the joint
- Adjustment of the inversion force: 6 levels
- Possibility to block the adjustment of the parameters
- Resetting of the parameters when changing of the movement, to allow an incompatible range of motion with the patient condition
- Automatic movement (continuous) or manual
- Function detection of the maximum patient range of motion (manual mode or By-Pass mode)
- Adjustment of the session time: from 1 minute to 24 hours
- Pause in movement limit: from 1 second to 15 minutes
- Adjustment of the speed from 50 to 140° per minute (5 levels)
- Possibility of customisation and storage of 16 rehabilitation programs
- Dimensions: 56cm x 100cm x 76cm (variable height)
- Voltage: from 100 to 240Volts 50/60Hz
- Electrical power: 50 VA
- Warranty: 2 years

Ordering Information

- 4621003102 Complete apparatus Centura 1 motor • Movement A + D
- 4621003202 Complete apparatus Centura 1 motor + Abd Hor • Movement A + D + F
- 4621003002 Complete apparatus Centura • Movement A + B + C + D
- 4621003802 Complete apparatus Centura CEM • Movement F
- 4621003502 Complete apparatus Centura 5 • Movement A + B + C + D + F
- 4621003402 Complete apparatus Centura 5 + CEM • Movement A + B + C + D + E + F
- 4621003602 Complete apparatus Centura B&W • Movement A + D
- 46EXTGAR3E 3-Year Warranty Extension for all Complete Centura

Accessories

- 4670024551 Head Rest and Shoulder Stabilisation Device
- 4670020020 Horizontale Abduction module
- 4640001464 Transport bag
- 4650001397 Exchange straps - complete set
- 4621007002 CEM - Centura Elbow Module
- 46EXTGAR3G 3-Year Warranty Extension for CEM - Centura Elbow Module



Head rest & Shoulder Stabilisation Device
This accessory increasing comfort during long rehabilitation sessions and to maintains the correct position of the shoulder in the scapulohumeral joint axis and prevents the shoulder from rising when the arm is elevated above 90° in abduction.



Horizontal Abduction Module

Transport bag



KINETEC 6080 Elbow CPM Machine



Anatomically correct passive motion of the elbow joint with or without synchronised pronation/ supination of the forearm. It is convenient and easy to use in a bed or chair.

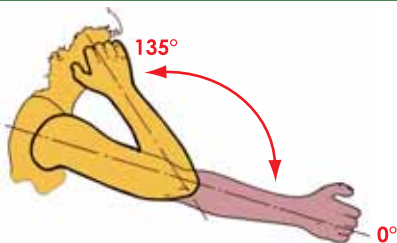
Post-operative treatment using this device provides an effective deterrent to stiffness and loss of range of motion.

- **Anatomical movements**

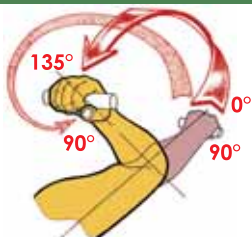
- Extension/Flexion
- Extension/Flexion with synchronized pronation-supination

- **Easy to use in Bed or in Chair**

Extension - Flexion 0° - 135°



Extension - Flexion 0° - 135° with Pronation-Supination



As extension-flexion movement begins, the hand starts its rotation from full pronation to full supination.

Ordering Information

4621000802	Complete apparatus with pads and glove
4650000646	Exchange pads
4650000654	Exchange glove

Technical data:

- Patient height: from 1.40m (4'7") to 1.90m (6'3")
- Patient arm length: from 50cm (19.7") to 72cm (28.3")
- Speed: from 40° to 135°/minute
- Machine weight: 21 kg(46.2lb)
- Dimensions: 72cm (25.3") x 65cm (25.6") x 130m (51.2")
- Exclusive Load Reserve ensures patient protection when excessive force is exerted on the joint
- Simple hand control: Start/Stop/Reverse
- The patient can stop and reverse the movement at any time
- Type B Class I electrical device



KINETEC™ Maestra™ Hand & Wrist CPM Machine

Rehabilitation



Post-Operatively



The **CPM Solution** handling every single hand and wrist pathology

- **A useful tool for protocols**
dedicated to surgeons,
physiotherapists and occupational therapists
- **Rehabilitation/Post-operatively**
- **Each hand and wrist movement possible**
- **Analytic / Ambulatory**



Surgical techniques, users information and protocols available on CD ROM.

Ordering information "Free of Charge" : 4696718097

Indications

- Flexor and extensor tendon tenolysis
- Aponeurectomies for Dupuytren's disease
- Open reduction and internal fixation of intra-articular, diaphyseal, metaphyseal and epiphyseal fractures of the phalanges
- MCP arthrolysis
- Prosthetic replacement of the MCP, PIP and DIP joints
- Rheumatoid/neurological or post-burn stiffness
- Capsulotomies, arthrolysis and tenolysis for post-traumatic stiffness of MCP, PIP and DIP joints
- Synovectomies



REHABILITATION

Maestra

**9 Movements
Hand & Wrist**



1• Composite fist
(MCP-PIP-DIP)
-30° to 225°



2• Ulnar deviation
-30° to 60°
3• Extension / Flexion of the wrist
-50° to 90°
4• Extension / Flexion of the wrist
with MCP
-50° to 140°
5• Pronation / supination
-90° to 90°



6• Thumb Opposition
0° to 180°



7• Intrinsic +
0° to 90°
8• Intrinsic -
0° to 180°
9• Selective mobilisation
of the DIP joint
0° to 70°

POST-OPERATIVELY

Maestra Portable

**3 Movements
Longs Fingers**



1• Composite fist
(MCP-PIP-DIP)
-15° to 270°



2• Intrinsic -
0° to 180°



3• Intrinsic +
0° to 90°

Ordering Information

4621005502 Complete apparatus • Maestra Portable
4650001074 Set of 4 finger attachments



Ordering Information

4621005002 Complete apparatus • Maestra
46EXTGAR3G 3-Year Warranty Extension
46500001793 Complet exchange pads
4650001470 Exchange arm rest strap support (x2)
4650000753 Exchange arm rest support pads (x1)
4650001462 Exchange Ulnar deviation support pads (x1)



KINETEC 5090 Club Foot CPM Machine



The Kinetec 5090, for treatment of the idiopathic club foot, restores or maintains ankle and subtalar mobility in addition to preventing fibrosis and periarticular soft tissue changes.

Pre-operative mobilisation eliminates the need for surgery in certain cases.

In other cases the improvement in mobility of the club foot makes the operation easier. The apparatus may also be used in the post-operative phase of treatment.

- **Three dimensional movements possible:**
 - **Plantar flexion to Dorsi-flexion**
 - **Adduction-Varus to Abduction-Valgus**
 - **Plantar flexion-Adduction-Varus to Dorsi-flexion-Abduction-Valgus**
- **Digital controls allow easy programming**

INDICATIONS

The use of the device is indicated in any joint stiffness of the foot, whether congenital or acquired, as long as the articular surfaces are normal or only slightly deformed.

Congenital talipes equino-varus

Pre-operative mobilisation from the age of 3 months allows certain cases to avoid surgery. In other cases the improvement in mobility of the hind foot makes the operation easier. The apparatus may be used afterwards for post-operative movement.

Sequellae of burns, trauma and nonspastic foot paralysis...

may also be mobilised either by pure passive movement, or as part of a programme comprising a surgical procedure supported by pre and post-operative periods of continuous motion.

TREATMENTS

Treatment in hospital:

The device is best used during in-patient treatment in a paediatric surgical service, or specialist rehabilitation service under the supervision of the surgeon and physiotherapist.

Treatment at home:

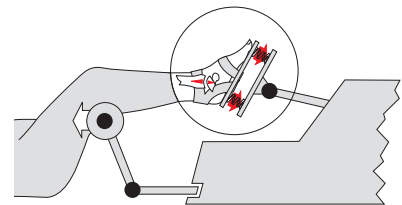
To avoid increasing the cost of treatment the machine may be rented for home treatment. A short period of instruction in hospital allows the parents and home physiotherapist to familiarise themselves with the handling of the machine.

SECURITY

Respect of the functional axis of the hind foot:

Throughout its course the displacement transmitted to the sole of the foot respects the functional axis of the relevant joint for each component of the movement.

Distraction:



At rest and throughout its action the machine maintains a light axial traction which off-loads the pressures which are applied to the ankle mortise so avoiding any deformation of the tibio-talar joint line.

Reverse of movement:

The machine is equipped with a system which reverses the movement when abnormal forces are detected.



Ordering Information

4621004002 Complete apparatus - 5090

KINETEC Breva Ankle CPM Machine



The Kinetec Breva provides anatomically correct motion to the ankle and rear foot. It can be used in bed or while sitting in a chair.

- **Two dimensional movements possible:**

Plantar Flexion 40° to Dorsiflexion 30°

Eversion 25° to Inversion 25°

- **Advanced hand control to maximise programs and protocols**

- **Indications**

Passive mobilisation of the following fractures after internal fixation:

- Malleolar fractures
- Tibial pilon fractures
- Talar fractures
- Calcaneal fractures

Mobilisation of the joints of the foot after operative or conservative treatment of lesions of the:

- Achilles tendon
- Lateral collateral ligament
- Medial collateral ligament

Surgical lengthening of the Achilles tendon for post-traumatic stiffness.

Digital adjustment:

Warm-Up	Offers the patient a gradual progression to the pre-set full ROM.
Modulation	Allows manual setting of the ROM end-point based on patient tolerance.
ROM By Pass	Allows bypassing the pre-set ROM end points during the current treatment session.
Programme	Allows set-up of up to 16 customised programmes.
Timer	Adjustment of the session time.
Force	Work out of Concentric / Eccentric.
Pause	Adjustable in extension or flexion limit. Allowing the rest or the posture.

Technical Specifications:

- Remote control dedicated storage place when the machine is not used or during transport
- Possibility to lock the adjustment of the parameters
- Exclusive Load Reserve ensures patient protection when excessive force is exerted on the joint
- Foot sizing: from 19 cm (7 Inch) to 29 cm (11 Inch)
- Weight: 12.5 kg (27.5 lb)
- Speed: from 50° to 150° per minute.
- Size: 56cm (22 Inch) x 37cm (15 Inch) x 45cm (18 Inch)
- Voltage: from 100 to 240 Volts 50/60Hz
- Electrical power: 50VA
- Type B Class I electrical device
- The patient can stop and reverse the movement at any time

Ordering Information

4621006502	Complete apparatus - Breva
46EXTGAR3G	3-Year Warranty Extension
4650001701	Exchange pads
4650001636	Exchange adult foot pads
4650001686	Exchange paediatric foot pads



KINETEC 9081 Hip CPM Machine

Provides optimum range of motion by allowing and controlling flexion, extension, abduction and external rotation.

Convenient range of motion controls adjust from 0° to 120° of hip flexion.

The shock absorbing feature transfers the weight of the leg off the injured hip joint, promoting patient compliance.

- **Anatomical movements**
 - Hyper-extension/Flexion
 - Hyper-extension/Flexion
- With synchronized Abduction and External-Rotation**



Range of Motion

Hip: from -10° to 120° IN THE SAGITTAL PLANE

The Knee flexion can be limited to 0°, 30°, 60°, 90° or 120°, decreasing pain by relaxing hamstring muscles during hip flexion.



with **ABDUCTION** (0° to 30°)

Combined abduction of the hip with flexion/extension maintains the congruity of the femoral head.



Technical Specifications:

- Speed: from 2'20" to 0'40" for a cycle from 0° to 120°
- Machine weight: 34kg (75lb)
- Machine size: 120cm (47 Inch) x 110cm (43 Inch) x 110cm (43 Inch)
- Patient sizing: from 1.30m (51 Inch) to 1.90m (75 Inch)
- Exclusive Load Reserve ensures patient protection when excessive force is exerted on the joint
- The patient can stop and reverse the movement at any time

Ordering Information

- | | |
|------------|---------------------------|
| 4621001902 | Complete apparatus - 9081 |
| 4650000919 | Exchange pads |



Kinetec Fixed Treatment Table



Blocking bar on the foot end of the table



Head rest (optional)



Showned with Kinetec Spectra Knee CPM Machine

Our treatment table is **especially** adapted to be used in combined in conjunction with our rehabilitation devices.



The blocking bar prevents damage to the upholstery and maintains a comfortable position for the patient.

Large width of the tabletop (74cm – 29 Inch) improves the stability of the machine and comfort for the patient, there is sufficient space for the non-mobilised leg on the table.



Lowest table (55cm – 22 Inch) facilitating access to patients in wheelchairs or with reduced mobility.

Tabletop of 2,05m (81 Inch) with backrest of 72cm (28 Inch) allows tall patients to be comfortably installed, the backrest is adjustable from 0 ° to 60 °. For the oversized patients a head rest is available as an optional accessory.

Comfortable upholstery, foam thickness of 60mm (2.4 Inch) high impact strength density of 40Kg (88lb) with treated cover PVC M1.

Steel fixed frame allows patients up to 180Kg (397lb).

The Kinetec Fixed Treatment Table is available in the colours here below shown, (need to be stipulated when placing an order), 5 weeks delivery time for all colours except for the colour Grey* in standard configuration.



Grey* Blue Dark bue Dark grey Light green Dark Green Red

Technical Specifications:

- Maximum user weight: 180Kg (397lb)
- Upholstery in PVC:
 - Thickness 1,1mm (0,43Inch)
 - Composition 84% PVC, 16% Coton
 - Fire Classification M1
- Total weight of the table: 24Kg
- Require assembling
(delivered in 3 parts: the tabletop, the base, the blocking bar)

Ordering Information

- 467500027 Kinetec Fixed Treatment Table
- 467500035 Head rest (optional)
- Complete rehabilitation station**
- 4621708042 Table with Prima Advance
- 4621706042 Table with Spectra
- 4621701842 Table with Performa



Kinetec Electric Treatment Table



Showned with Kinetec Prima Advance Knee CPM Machine

Our treatment table is **especially** adapted to the combined use with our rehabilitation devices.

The blocking bar prevents damage to the upholstery and maintains a comfortable position for the patient.

The blocking bar is adjustable in length allowing tall patients to be correctly installed.

Technical characteristics are identical to the 2 section electric table on page 23, available in the same colours.



Blocking bar on the table foot end

Ordering Information

4675000043 Kinetec Electric Treatment Table



The 2 and 3 section electric treatment tables are available in colours shown here below, which needs to be stipulated when placing an order, 5 weeks delivery time for all colours except for the colour Grey* in standard configuration.

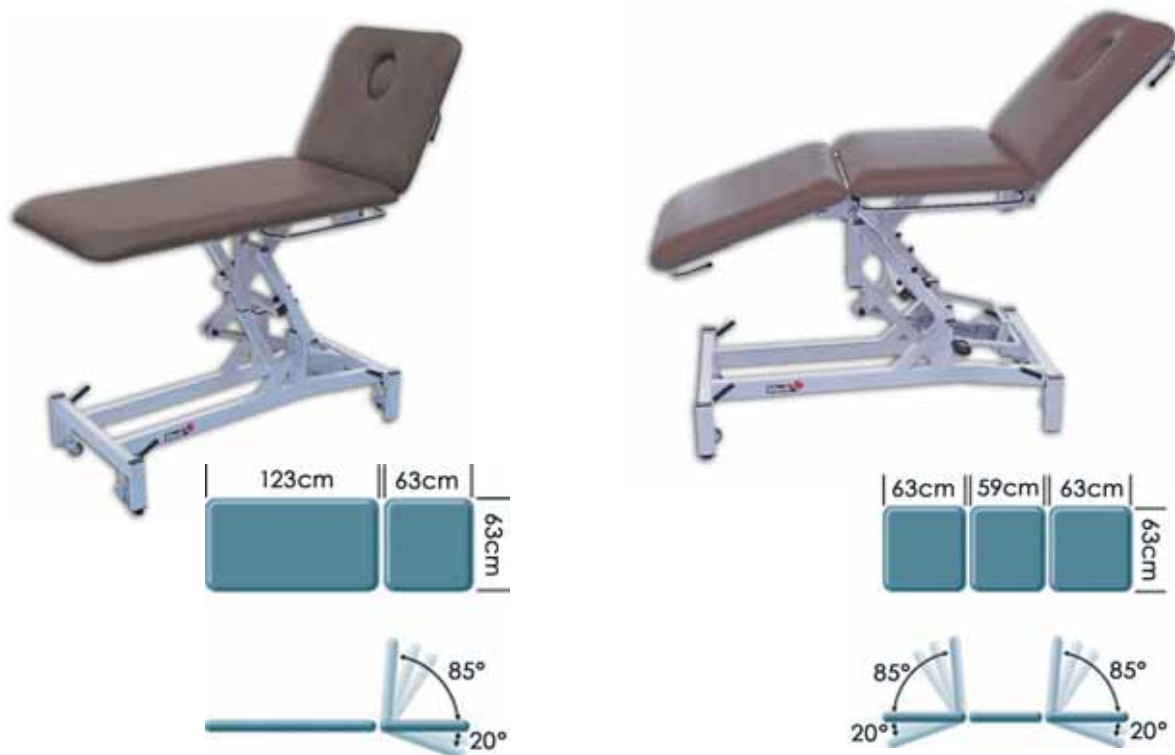


Technical Specifications:

- Manual hand set
- Current Consumption: 0.9A
- Power: 175W
- Protective Class 2.B
- Degree of Protection IP66
- Mains Plug Fuse Rating: 5A

- Vinyls comply with BS5852, Part1; Ignition Sources 0&1 (When tested in combination with polyurethane foam) and BS5852, Part2; Ignition Source 5 (when tested in combination with CMHR foams)
- Warranty: 7 years on the frame
3 years on the motor
1 year on the upholstery

Electric Treatment Table



Can be used in hospitals, medical and rehabilitation centres as well as in health centres and private practices for massage and manual therapy.

- **Maximum user weight: 180Kg (397lb)**
- **Luxury Upholstery**
- **Variable height from 49 to 94 cm (19 to 37 Inch)**
- **Standard retractable castors of 50mm (2 Inch)**
- **Adjustable feet for uneven floors**
- **Wide range of accessories**

Ordering Information

4665025002	2 section Electric Treatment Table
4665035002	3 section Electric Treatment Table



The treatment table provides great value with strength, elegance and reliability and includes:

- Breathing Hole, Chrome Hanging Rail, Gas Springs to assist the backrest
- Grey: the standard colour for fast delivery, (10 other colours available, see page 22)

Accessories for 2 and 3 section Electric Treatment Table:

- 1 4665004790 Paper Roll Holder
- 2 4665004873 Adjustable Arm Rest
- 3 4665004881 Arm Support Tables (Upholstered)
- 4 4665004823 Painted Cot Sides (not illustrated)
- 5 4665004831 Painted Cot Sides Padded (not illustrated)
- 6 4665004849 Chromed Cot Sides
- 7 4665004857 Chromed Cot Sides Padded
- 8 4665004865 Cordless Remote Control
- 9 4665015402 Foot Switch
- 10 4665015202 Electric Backrest
- 11 4665015302 Electric Tilting Seat (not illustrated) (for 3 sections table only)
- 12 4665004815 Transportation Castors \varnothing 100mm (4Inch)



Kinetec ProprioSphere



The static and dynamic balance of the human body is an **essential component** for the physical wellbeing.

- **Enhancing patient stability and control**
- **Stimulation of the proprioceptive system by progressive and secure imbalance situations**
- **The ProprioSphere acts as a preventive or curative device**

A harmonious operation between the transmitting **central nervous system**, the automatic muscular contraction lock and the thousands of tension or pressure sensors located in the periarticular surface from the foot up to the rachis, results in a **sensitive proprioceptive system**.

Various factors can disturb this system:

- Fatigue
- Periarticular traumatism
- Fractures
- Age
- Some neurological pathologies

To improve balance the system needs to be challenged by creating imbalance situations in a secure and progressive environment.

Proprioceptive rehabilitation leads to a functional muscular system and should be fully integrated in one's fitness programme.

Improved balance increases range of movement, ensures the perfect coordination of muscle groups and enhances sports performances.

The ProprioSphere allows balance as well as muscular recovery.

Designed for intensive use and minimum maintenance.



The ProprioSphere is adapted to everyone's condition:

- Lower limbs and trunk traumas in walking or balance recovery period
- Patient with a prolonged non-activity period and limited standing capability
- Athlete in joint rehabilitation process
- Athlete aiming to improve performances
- Senior patient with osteoporosis or balance loss

The ProprioSphere is designed to:

- Increase range of movement
- Improve dynamic muscle stability
- Build strength and power
- Enhance spatial awareness
- Reduce the risk of injury
- Challenge balance in controlled stages

ProprioSphere features:

- A stable base including a plate fixed to a universal joint and run by a motor
- A control panel available for the patient and the therapist to regulate:
 - The speed
 - Countdown info before motion reverse
 - Session time
 - Random movement (speed and direction)
- Two large side bars for safety
- A mechanical adjustment system for range of motion

Technical Data:

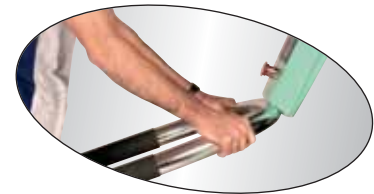
- Weight: 84Kg (168lbs)
- Height: 1.52m (60Inch)
- Length: 1m (39Inch)
- Width: 0.74m (29Inch)
- Mains supply: 230V/50Hz, 400VA
- Motor: 370 watts
- Warranty: 2 years



Simple and easy to use control panel enables instant operation.



Control of the rotation angle, 12 levels.



Safety, large handle bar.



Variable rotation movements, direction changes from clockwise to anti-clockwise.



Variable speed, slow, fast or random.



The greater the angle, the greater the challenge.



See page 60

Ordering Information

4665005079 Complete apparatus - Kinetec ProprioSphere

KINETEC KPT Cycla / Cycla Baby



Increases muscle tone, strength and flexibility while effectively monitoring exercise duration, workout power and heart rate.

- **Active & Passive Exercises**
- **Upper & Lower Limbs**
- **Intuitive Display**
- **Comprehensive Range of Accessories**

The KPT Cycla is an electrically powered exercise trainer designed to improve physical abilities. Providing the user with a broad range of exercise options and modes, it solves a broad range of physical needs. KPT Cycla serves individuals with limited or no muscle power ie spinal cord injuries, MS, Polio, CVA, ALS, Dialysis.

The KPT Cycla can be operated in either active mode in varying degrees or in passive mode at adjustable speed and torque levels. While the machine is in passive mode, it is possible to combine both passive and active training by using physical effort in conjunction with the electrical operation of the motor. The KPT Cycla has an easy to use and read display, making the unit very user friendly. Suitable for all ages, for use at home or in healthcare institutions. Includes finger protection discs.

The KPT Cycla is recommended for:

- Maintaining muscle strength
- Flexibility
- Muscle tone
- Endurance
- General fitness

The KPT Cycla increases:

- Strength
- Muscle tone
- Blood circulation
- Range of motion
- Stamina
- Bladder control

The KPT Cycla decreases:

- Atrophy
- Spasm
- Swelling

Also available in Hi-lo version

The KPT Cycla Hi-lo model is a multi-purpose exercising machine for a wide range of applications including active and passive training of the upper and lower limbs and ideal for professional establishments. Consisting of all the features of the stand alone KPT Cycla ou Cycla Baby unit, the KPT Cycla Hi-lo or Cycla Baby Hi-lo is an ideal solution when used frequently for both upper and lower limbs. The exercising height of the KPT Cycla can be individually set to meet specific user's needs. Fully accessible for wheelchair users and is equally comfortable from a standard chair.





KPT Cycla

KPT Cycla Baby

Main Features:

- Active and passive training for upper and lower limbs
- Workload dependent or isokinetic exercise
- 10 levels of resistance for active exercise
- 10 speed levels: 20 to 60 rpm for passive exercise
- 5 levels of resistance for active exercise
- 5 speed levels: 20 to 60 rpm for passive exercise
- Exercising positions: 15°, 30°, 45° and 60°
- Timer - online display of exercise duration
- Revolution counter
- Adjustable height and length for increased exercise options
- Optional accessories
- Heart rate monitor measuring during exercise (optional)

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Accessories for KPT Cycla units:

- 1 4665003495 Finger Protection Discs (x2)
- 2 4665003453 Standard Footrests (x2)
- 3 4665003461 Straight Handgrips (x2)
- 4 4665003247 Angled Handgrips (90°) (x2)
- 5 4665003239 Pediatric footrests (x2)
- 6 4665003205 Hemi-gloves (x2)
- 7 4665003255 High support for footrests (x2)
- 8 4665003487 Tie down (x2)
- 9 4665003221 Remote control (for KPT Cycla only)
- 10 4665003213 Heart Rate transmitter and receiver (for KPT Cycla Only)

Ordering Information

- 4665005002 Complete apparatus - KPT Cycla
- 4665005102 Complete apparatus - KPT Cycla HI/LO
- 4665005202 Complete apparatus - KPT Cycla Baby
- 4665005402 Complete apparatus - KPT Cycla HI/LO

Includes in all complete apparatus:

- 1 • Finger Protection Discs (x2)
- 2 • Standard Footrests (x2)
- 3 • Straight Handgrips (x2)
- 8 • Tie down (x2)





ActivCycle

- The portable and motorised ActivCycle is a great tool for customised, low stress workouts that can be used anywhere
- The different adjustable speeds make it a great product to progressively strengthen your arms and legs
- Versatile for both upper and lower body exercise
- Provides low-impact exercise to increase strength & flexibility
- Promotes blood circulation

Description:

- Remote control console with ON/OFF switch
- Adjustable speed 15-60 RPM
- Pre assembled foldable paddles, no assembly required
- Light weight and compact design
- Foldable Paddles
- Multi-function LCD display read out for distance, time, calories and speed
- Non-slip mat included
- Dimensions: L 40xH 40xW 33cm (16x16x13Inch)
- Weight: 6Kgs (12.5lbs)



Ordering Information

4665003966 Complete apparatus - ActivCycle



Shoulder Rotation Exerciser

A wall mounted shoulder rotation exerciser to increase range of motion and exercise the wrist and forearm. With a 360° rotation, the handle has a lateral movement from 25 to 70cm. The resistance can be adjusted for progressive therapy. Height adjustable from 50 to 155cm. Width 145cm. Weight 15kg.

Ordering Information

4675000019 Complete Shoulder Rotation Exerciser



Inclined Mini Trampoline

The inclined Mini Trampoline is ideal for the rehabilitation of all lower limbs injuries.

The suspended linen trampoline is angled to enable rehabilitation in a variety of positions, such as plantar flexion, dorsiflexion, inversion and eversion.

Ideal for reeducation of proprioception and functional balance work following soft tissue, orthopaedic and neurological injuries.

Dimensions: 50x50x21.5cm (19x19x8Inch)

Weight 3.85kg (8.5lbs)

Maximum user weight: 120Kg (265lbs)



Ordering Information

4665003437 Complete Mini Tramp

KINETEC Pedala Active Trainer



Butted stop for more stability



Large transport handle



Digital Counter



Adjustable brake from 2.5 to 15kg

The Kinetec Pedala is the ideal complement to ensure full knee recovery. This product fits perfectly within rehabilitation protocol enabling:

- **Muscular reinforcement**
- **Isometric, isotonic and physiological work**
- **Exceptional patient compliance and autonomy**

The best approach to muscular training.

The Kinetec Pedala enables full recovery after all Knee, Hip, Ankle traumatic & orthopaedic pathologies, its main advantages are:

Muscular reinforcement:

Used from the complete scar healing of the soft tissues, the Kinetec Pedala allows the patient to experience a progressive resistance in the area requiring physical rehabilitation.

Isometric, isotonic and physiological work:

The synchronised movement of the lower limbs enables the training of protagonist and antagonist muscular chains.

Exceptional Patient Compliance:

The patient self-controls the movement, the speed, and the range of motion. He actively participates in his rehabilitation.

Proprioception:

The active movement repetition (the neuro-muscular activity) promotes the proprioception of the joint.

Technical Specifications:

- Weight: 12.3kg (27.12lbs).
- Broad bearing surface improving stability.
- Patient sizing: from 1.5m (5') to 1.95m (59 to 77Inches).
- Range of motion: from 0 to 100°.
- Dimensions: length: 89cm (35Inches), width: 36cm (14Inches), height: 38cm (15Inches).



Kinetec Pedala showed with the Seat Adaptor (in option).



Ordering Information

4621007502	Complete apparatus - Kinetec Pedala
4670024064	Pedala seat adaptor
4650001785	Exchange complete pads set

KINETEC Vitaglide Active Trainer



The core of Wheelchair Fitness

- No Shoulder Pain
- Pumped Upper Body
- Intense Cardio Burn

The Vitaglide Advantage

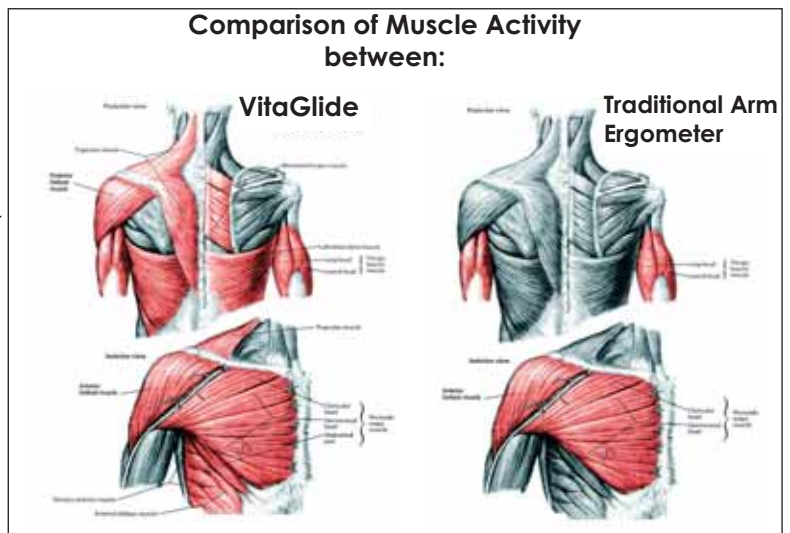
VitaGlide™ is a revolutionary exercise system designed to improve the quality of seated fitness programs. Using its patented linear, push-pull technology, VitaGlide™ increases range of motion and involves more muscle groups, resulting in a more complete workout when compared to traditional seated systems.

VitaGlide™ is the result of extensive research into the causes of shoulder injuries and pain, especially among wheelchair users. Research has indicated that shoulder injuries occurring in wheelchair users are similar to rotator cuff injuries suffered by baseball pitchers. These injuries are caused by imbalanced muscle stress placed on the shoulder joint that produces overuse syndrome. It is important to not only condition the muscles groups directly used in specific movements, such as pushing a wheelchair, but also the opposite muscle groups.

Traditional seated exercise systems typically develop only the front of the shoulder, creating that same muscular imbalance that exposes the shoulder to potential injury. VitaGlide™ was developed to provide balanced muscular development to the shoulder area, and to protect the joint from injuries.

The converging direction of the movement of the handles also provides some trunk rotation, providing exercise to muscles that are ignored by traditional systems.

Comparison of Muscle Activity between:



Technical Specifications:

	VitaGlide II	VitaGlide Pro
Length:	115 cm (45.5")	157 cm (62")
Width:	89 cm (35")	99 cm (39")
Total Height:		
Raised:	101 cm (40")	114 cm (45")
Lowered:	81 cm (32")	84 cm (33")
Height at Entry Point:		
Raised:	79 cm (31")	81 cm (32")
Lowered:	58 cm (23")	51 cm (20")
Weight:	29 kg (65lbs)	129 kg (285lbs)



The simplified version of the VitaGlide allows you to experience the countless fitness and therapeutic benefits of the VitaGlide Pro! Compact in design, the VitaGlide is not much larger than a wheelchair, allowing it to conveniently fit in any home environment.

The VitaGlide Pro will give you the best upper body toning, shoulder strengthening, and cardiovascular workout that you will receive from any upper body conditioner in the market! The linear "push-pull" motion of the VitaGlide Pro targets virtually every muscle in the upper body, from the "love handles" all the way up to the trapezius area.

Ordering Information

- 4665008802 Complete apparatus - KAM VitaGlide II
- 4665008902 Complete apparatus - KAM VitaGlide Pro



SCIFIT Range

SCIFIT provides wellness solutions that meet the needs of the wide range of individuals served by the fitness and health care industry.

Medical Applications

Many models with the SCIFIT range comply with stringent hospital/clinical requirements and are calibrated to allow exact training protocols for the heart rate and constant work (WATTS). These machines enable healthcare professionals to follow a programme of rehabilitation from an injury with their patients with the confidence of accurate results as their improvement progress is monitored.

Active Ageing

As the population ages and people live longer, keeping fit and active in your 60s, 70s and 80s plays a vital role in maintaining health and wellness and minimises the risk of injuries and other age-related illnesses. SCIFIT machines are designed for users with limited mobility and have easy-entry step through access, large user-friendly console displays and non-intimidating training programmes.

Scientific Solutions for Fitness

SCIFIT machines offer a unique range of features.

Iso-strength

The programme provides accommodating resistance to a concentric movement at a constant speed (fixed RPM) throughout the entire range of motion. As the user begins to fatigue, the resistance automatically decreases, accommodating each individual's specific strength needs.

Bi-directional Resistance

Bi-directional resistance allows the user to exercise in both forward and reverse, changing directions at any time and as often as desired. It aids in the recruitment of reciprocal muscle groups and reduces the risk of injury from muscle imbalance. Exercising reciprocal muscle groups also decreases localised fatigue, resulting in the ability to prolong the workout.

200 Levels of Resistance

The workload can be changed in 0.1 increments - providing 200 levels of resistance. This allows individuals to see even the smallest improvements.

Green Power

SCIFIT products (except treadmills) are self-generating, requiring no electricity and maintain function at extremely low levels of movement. The optional low-voltage power supply keeps the computer on when desired.

Ease of Use

SCIFIT equipment features the industry's lowest starting resistance (5 watts) with minimal RPM. This allows individuals to start the exercise and maintain programme function at extremely low speeds and resistance. Tactile, colour coordinated overlay with one-button quick start makes the computer console user friendly. Console feedback includes: heart rate, time, RPM, calories, distance, level and watts.

Ease of Access

SCIFIT makes it safe and easy for all users to stay active. Expandable step through seating, comfortable swivel seats, sturdy steps and handrails assist in easy-entry and accessibility. Colour coded adjustments and easy to read, tactile console buttons also provide ease of use for individuals with visual impairment.

Wheelchair Accessible

SCIFIT is a world leader in wheelchair accessibility. Seats remove easily for wheelchair access. The optional wheelchair platform or wheelchair ramp provides increased stabilisation and is a sturdy foundation for wheelchair use.



Programmes



Manual Heart Rate

One Button Quick Start.
Set target heart rate and the machine adjusts the workload to maintain target heart rate.
(Wireless heart rate transmitter required, sold separately).

Constant Work Iso-Strength

Set watts, and the bike maintains constant workload independent of speed. Allows user to maximize workload at a fixed RPM: a key ingredient for sports training. Ideal for therapy settings as well, where fixed RPMs are desired.

Random Hill Profiles

Infinite number of program profiles.
6 hill programs with over 20 levels of intensity

SCIFIT PRO1 Upper Body Exerciser



Multi-position adjustable head

SCIFIT's PRO1 is designed to provide the ultimate in upper body exercise, offering both cardio and strength training.

It is ideal for strengthening arms and shoulders while recruiting the core stabilising abdominal and back muscles.

Fully adjustable head and console accommodates users of all heights, ensuring perfect ensures perfect bio-mechanical body position for each exercise whether standing or seated.

KEY FEATURES AND BENEFITS

- Infinitely adjustable control head accommodating users of all heights to allow exercise while seated, standing or for overhead exercise
- Adjustable and reversible arm cranks for a greater range of movement and exercise variety
- Vertical seat adjustment with gas assisted lift and swivel
- Seat is removable for standing exercise or for use with a wheelchair, stability ball or other balance-related accessory
- Comes with wheelchair platform as standard for wheelchair access or standing exercises
- Only 5 watts of resistance needed to start and maintain programme function, ideal in rehab applications or for the 'not yet fit' user

Technical Specifications:

- Machine weight: 110 kg (218 lbs)
- Machine size: Length: 152 cm (60 Inch)
Width: 76 cm (30 Inch)
Height: 196 cm (77 Inch)
- User capacity: 204 kg (450 lbs)
- Power: Self-generating with auto recharge battery backup, includes 12v wall pack transformer
- Warranty: 3 years parts and 1 year labour



Ordering Information

- 4665SC0202 SCIFIT PRO1 CE MEDICAL
Delivered with:
- Adjustable seat
- Wheelchair platform

PRO2® Upper and Lower Body Exerciser



Total Body Exerciser

SCIFIT's PRO2 is the most versatile model of the PRO series as it offers upper body, lower body or total body exercise.

Developed by rehabilitation professionals, this adaptability makes the PRO2 the ideal choice for professionals working within rehab and sports-injury clinics.

KEY FEATURES AND BENEFITS

- Isolate training to be upper body only, lower body only or a total body workout
- Adjustable console angle to accommodate users at all positions
- Adjustable and reversible arm cranks for a greater range of movement and exercise variety
- Vertical seat adjustment with gas assisted lift and swivel
- Seat is removable for use with a wheelchair
- Only 5 watts of resistance needed to start and maintain programme function, ideal in rehab applications or for the 'not yet fit' user

Ordering Information

4665SC0302 SCIFIT PRO2 CE MEDICAL

Delivered with:

- Adjustable seat
- Wheelchair platform

Technical Specifications:

- Machine weight: 100 kg (223 lbs)
- Machine size: Length: 155 cm (61 Inch)
Width: 76 cm (30 Inch)
Height: 156 cm (62 Inch)
- User capacity: 204 kg (450 lbs)
- Power: Self-generating with auto recharge battery backup, includes 12v wall pack transformer
- Warranty: 3 years parts and 1 year labour



ISO1000R and ISO7000R Recumbent Bike



Recumbent bike

The SCIFIT Recumbent Bike is designed for cardiovascular conditioning, interval training, strength and power training via the iso-strength programme.

ISO 1000R • Forward only resistance bike

This model comes with forward-only resistance and the fixed seat as standard. Medical CE 11a Certification is available (swivel seat included) for use as a medical device in hospitals and rehab clinics.

ISO7000R • Bi-directional resistance

Iso-Strength, coupled with bi-directional resistance allows the user to perform a leg press movement while pedaling forward, while pedaling in reverse the gluteus and hamstring muscle groups are recruited.

KEY FEATURES AND BENEFITS

- Large swivel seat with excellent lumbar support and therapist assist pedal to provide easy seat adjustment
- Oversized, self-righting pedals with easily adjustable straps
- Easy step-through access to allow entry without having to lifting the leg up
- Heavy-duty, 3-piece proprietary crank system with bi-directional resistance
- Only 5 watts of resistance needed to start and maintain programme function, ideal in rehab applications or for the 'not yet fit' user

Technical Specifications:

- Machine weight: ISO1000R: 89 kg (213 lbs)
ISO7000R: 95 kg (221 lbs)
- Machine size: Length: 150 cm (58 Inch)
Width: 66 cm (24 Inch)
Height: 132 cm (53 Inch)
- User capacity: 204 kg (450 lbs)
- Power: Self-generating with auto recharge battery backup,
includes 12v wall pack transformer
- Warranty: 3 years parts and 1 year labour



Ordering Information

4665SC0402	SCIFIT ISO1000R CE Medical
4665SC0702	SCIFIT ISO7000R CE Medical
Delivered with adjustable seat	

ISO1000 and ISO7000 Upright Bike



Upright bike

The SCIFIT Upright Bike is designed for cardiovascular conditioning, interval training, strength and power training via the iso-strength programme.

ISO 1000 • Forward only resistance bike

This bike carries the Medical CE 11a Certification making it suitable for use in hospitals, physiotherapy and other rehabilitation applications.

ISO7000 • Bi-directional resistance

Iso-Strength, coupled with bi-directional resistance allows the user to perform a leg press movement while pedaling forward, while pedaling in reverse the gluteus and hamstring muscle groups are recruited.



KEY FEATURES AND BENEFITS

- Large user seat with forward/backwards and vertical adjustments for all user heights
- Oversized, self-righting pedals with easily adjustable straps
- Easy step-through access to allow entry without having to lifting the leg up
- Heavy-duty, 3-piece proprietary crank system with bi-directional resistance
- Only 5 watts of resistance needed to start and maintain programme function, ideal in rehab applications or for the 'not yet fit' user

Technical Specifications:

- Machine weight: ISO1000: 57 kg (126 lbs)
ISO7000: 74 kg (164 lbs)
- Machine size: Length: 147 cm (58 Inch)
Width: 61 cm (24 Inch)
Height: 134 cm (53 Inch)
- User capacity: 159 kg (350 lbs)
- Power: Self-generating with auto recharge battery backup,
includes 12v wall pack transformer
- Warranty: 3 years parts and 1 year labour



Ordering Information

4665SC0502	SCIFIT ISO1000 CE Medical
4665SC0602	SCIFIT ISO7000 CE Medical

AC5000M Medical Treadmill



Medical treadmill with full length side handrail

The SCIFIT AC5000M treadmill features a low starting speed and has a large user capacity with an oversized walking surface. The powerful 3 HP AC motor provides durability and a smooth, comfortable feel.

SCIFIT treadmill feature a generous 60 cm to 158 cm walking surface with SCIFIT logo printed on the belt for added safety. Extra wide standing platforms provide added stability when straddling the walking surface.

The AC5000M offers an extremely slow starting speed of .2 kph to 16 kph. Speed is adjustable in .2 kph increments. The reverse speed to 6 kph for retro walking or downhill training. The elevation provides -3% decline to 12% incline, adjustable in .5 increments.

Extended medical handrails are standard and provide added safety when entering.

KEY FEATURES AND BENEFITS

- Very slow starting speed from 0.2kph up to 16kph in 0.1 increments for extra safety and for those with mobility limitations and belt can also travel in the reverse direction up to speeds of 6kph for use in rehab applications
- Electronic elevation from -3% to 12% in 0.5 increments of adjustment - walking on the decline is often required in rehab applications
- Oversized belt with large user capacity and a comfortable walking/running surface
- Reversible, eucalyptus deck is very low maintenance - no lubrication required
- Full length side handrail for extra stability and rails include switches for quick and easy speed and elevation changes
- Commercial grade 3" crowned rollers and powerful 3 HP AC motor with inverter
- Dual emergency stop button for added safety and integrated ready rack and water bottle holder

Technical Specifications:

- Machine weight: 205 kg (452 lbs)
- Machine size: Length: 207 cm (89 Inch)
Width: 80 cm (34 Inch)
Height: 160 cm (63 Inch)
- User capacity: 204 kg (450 lbs)
- Warranty: 3 years parts and 1 year labour



Ordering Information

4665SC0802 SCIFIT AC5000M Treadmill
Delivered with handrails

REX™ Recumbent Elliptical



REX Total body recumbent elliptical

The REX total body recumbent elliptical is exclusive to SCIFIT and offers a smooth, natural movement for safe and effective exercise. Its smooth motion provides natural and consistent flexion and extension and the unique programmes and bi-directional resistance deliver an exceptional total body workout.

KEY FEATURES AND BENEFITS

- Super smooth movement – legs move in a natural orbital motion and the arms in a smooth arc
- The dependent, all body action allows individuals to use passive assistance – using strong limbs to drive weaker limbs through the range of motion
- Bi-directional resistance helps create balance between reciprocal muscle groups
- Low profile seat for optimised torso rotation and core recruitment
- Dual-position hand grips for extra comfort and fit
- Starting wattage of 7 with low minimum RPM to begin and maintain programme function, ideal in rehab applications or for the 'not yet fit' user

Technical Specifications:

- Machine weight: 128 kg (299 lbs)
- Machine size: Length: 185 cm (73 Inch)
Width: 71 cm (28 Inch)
Height: 140 cm (55 Inch)
- User capacity: 204 kg (450 lbs)
- Power: Self-generating with auto recharge battery backup, includes 12v wall pack transformer
- Warranty: 3 years parts and 1 year labour



Ordering Information

4665SC0102 SCIFIT REX
Delivered with swivel seat

SXT7000e² Easy-Entry Elliptical



Low impact fitness for all

The SXT7000e² Easy-Entry Elliptical is a total body cross trainer that provides non-impact exercise for individuals of all fitness levels.

The lower leg elliptical motion can increase cardiovascular endurance, core strength and stability for walking, climbing, pushing and pulling.

In addition the long arm reach extension ensures arm and shoulder work is coordinated with leg biomechanics allowing a complete cross training experience.



KEY FEATURES AND BENEFITS

- Easy-entry package includes sturdy rear step to reduce 'step-up' height by half, allowing access to more users and the full side handrails provide safe and easy entry on to the elliptical
- Comfortable stride length ensures natural total body movement, proper posture, optimised torso rotation and core recruitment
- Orthopedic footbeds with front/side safety edges and patented Bio-Flex™ technology provide better circulation and eliminate hot spots and numbness common with other ellipticals
- Bi-directional resistance helps create balance between reciprocal muscle groups
- The pedal movement simulates walking on an uneven surface to help recruit stabilising muscles
- Multi-position hand grips for extra comfort and elliptical has low centre of gravity for increased user safety and stability
- Starting wattage of 5 with low minimum RPM to begin and maintain programme function, ideal in rehab applications or for the 'not yet fit' user

Technical Specifications:

- Machine weight: 138 kg (336 lbs)
- Machine size: Length: 190 cm (73 Inch)
Width: 76 cm (30 Inch)
Height: 160 cm (65 Inch)
- User capacity: 193 kg (425 lbs)
- Power: Self-generating with auto recharge battery backup, includes 12v wall pack transformer
- Warranty: 3 years parts and 1 year labour



Ordering Information

4665SC0902 SXT7000e² Easy-Entry Elliptical

RST7000 Recumbent Stepper



Dependent Stepping Motion

The RST7000 provides smooth linear movement and can be used for lower body only, upper body only or total body exercise. The user can select any stride length within the stride range and the arm to leg movement ration is 1:1 to maximise range of motion. The adjustable seat can also be removed for use with a wheelchair.



KEY FEATURES AND BENEFITS

- Dependent step motion with 36cm step range and self-leveling footplates
- Super smooth natural linear movement for lower body only, upper body only or total body exercise
- Removable seat with side assist lever to allow for wheelchair access
- Oversized, rubber footplates with safety edges
- Dual-position hand grips and easy step-through access top help those with limited mobility
- Starting wattage of 7 with low minimum RPM to begin and maintain programme function, ideal in rehab applications or for the 'not yet fit' user

Technical Specifications:

- Machine weight: 139 kg (331 lbs)
- Machine size: Length: 188 cm (74 Inch)
Width: 76 cm (30 Inch)
Height: 147 cm (58 Inch)
- User capacity: 204 kg (450 lbs)
- Power: Self-generating with auto recharge battery backup, includes 12v wall pack transformer
- Warranty: 3 years parts and 1 year labour



Ordering Information

4665SC1002 RST7000 Recumbent Stepper

SCIFIT Options and Accessories

1 • Heart Rate Transmitter

We offer the market-leading Polar® chest strap transmitter but SCIFIT machines are compatible with most brands of wireless heart monitoring technology.

Suitable for use with all SCIFIT models

Ordering Information

4665003883 Heart rate transmitter



2 • Low Support Boots

Low boots are ideal for individuals who have difficulty keeping their feet on standard pedals. The oversized footplate keeps the foot on the pedal with sturdy straps at the back, over the top and around the front of the foot.

Suitable for use with the PRO2 models

Ordering Information

4665SC3000 Low support boots



3 • High Support Boots

These calf-high boots provide extra foot and lower leg support. They are open at the front and have self-fastening straps to keep the legs in place.

Suitable for use with the PRO2 models

Ordering Information

4665SC2000 High support boots



4 • Assist Gloves

These flexible, comfortable gloves help individuals who need assistance in gripping the hand cranks. Made of heavy-duty closed cell foam, they resist moisture and are easy to clean.

Suitable for use with the PRO Series models

Ordering Information

4665SC4001 Assits glove - Small

4665SC4002 Assits glove - Medium

4665SC4003 Assits glove - Large



5 • Rotation Device

This internal/external rotation device is ideal for use with the iso-strength programme and bi-directional resistance to strengthen internal and external rotators in one exercise.

Suitable for use with the PRO1 only

Ordering Information

4665SC0376 Rotation device



NEW

KINETEC Electrotherapy Range

KINETEC TENS

The Kinetec TENS is an advanced and modern digital dual channel TENS unit featuring 11 built in and 3 custom programmes.

Three different treatment modes provide maximum flexibility for pain relief. The Kinetec TENS helps with a wide variety of pain and has an 80% efficacy rate. If you suffer from any type of pain, the Kinetec TENS may be able to help.

Specifications

- 11 built in programmes
- 3 Customisable programmes
- Constant Current. Waveform: Asymmetrical, rectangular bi-phasic with zero DC current
- Amplitude: 0 - 80 mA
- Range: Rate: 2 Hz - 200 Hz
- Pulse Width: 50µS to 300µS
- Lock mode function for recording time in use and locking the unit parameters

Delivered with:

- Performa Electrodes - 50x50mm Square (x4)
- Lead Wire (x2)
- 9V alkaline battery (x1)
- Transport box (x1)

Ordering Information

4665005110 KINETEC TENS



KINETEC SPORTS

The Kinetec Sports is an advanced and modern digital dual channel STIM unit featuring 15 built in sports and muscle rehabilitation programmes and 3 custom programmes.

The Kinetec Sports unit will help with a wide variety of muscle related problems and is widely used by therapists around the world. If you suffer from any type of muscle related problem, the Kinetec Sports may be able to help.

Specifications

- 15 built in programmes
- 3 Customisable programmes
- Constant Current. Waveform: Asymmetrical, rectangular bi-phasic with zero DC current
- Amplitude: 0-90 Ma
- Rate: 2 Hz - 100 Hz
- Pulse Width: 50 µS to 450µS
- Ramp up time 0.3 - 9.9 seconds.
- Work / Rest periods from 2 - 99 seconds
- Alternating and Synchronous between channel A and B

Delivered with:

- Performa Electrodes - 50x50mm Square (x4)
- Lead Wire (x2)
- 9V alkaline battery (x1)
- Transport box (x1)

Ordering Information

4665004039 KINETEC SPORTS



KINETEC CONTINENCE

The Kinetec Contenance is an advanced and modern digital dual channel STIM unit featuring 9 built in continence programmes and 3 custom programmes.

The Kinetec Contenance unit will help with a wide variety of continence problems and is widely used by therapists around the world. If you suffer from any type of continence problem, the Kinetec Contenance may be able to help.

Specifications

- 9 built in programmes
- 3 Customisable programmes
- Constant currents. Waveform: Asymmetrical, rectangular bi-phasic with zero DC current
- Amplitude: 0-90 Ma. Rate: 2 Hz - 100 Hz
- Pulse Width: 50 µS to 450µS
- Ramp up time 0.3 - 9.9 seconds.
- Work / Rest periods from 2 - 99 seconds
- Alternating and Synchronous between channel A and B
- Lock mode function for recording time in use and locking the unit parameters

Delivered with:

- Lead Wire (x2)
- 9V alkaline battery (x1)
- Transport box (x1)

Ordering Information

4665004013 KINETEC CONTINENCE





For your inner strength and outer confidence

A passion for pelvic health

We are committed to improving your pelvic health, primarily through our focus on pelvic floor muscles. We all have a pelvic floor but it is only really during pregnancy or much later in life when the issue of incontinence may arise, that the pelvic floor typically holds any significant place in our minds. Improving our sex lives may however be on our mind more often! So, we all need strong healthy pelvic floor muscles!

Simple and effective devices to help you succeed!

The products in our range can help you identify your pelvic floor muscles, help you strengthen them and also allow you to monitor your progress! Some of them will form part of your treatment by a Continence Specialist.

Periform®+

Intra-Vaginal Probe

The Periform® has been the intra-vaginal probe of choice for many of the world's leading healthcare professionals for over thirteen years.

Following extensive user consultation the Periform® has been significantly refined to improve its exceptional performance even further, whilst retaining its unique, patented and award-winning form.

New Features of the Periform®+ Cleaner

- A new, one-piece moulding means the Periform®+ is now smoother and easier to clean

Integratred and Longer Cables

- Integrally moulded cables eliminate any possibility of moisture ingress
- Cable length now 36cm
- Extra length moves equipment cable connection further from areas of potential contamination

Improved Indicator Function

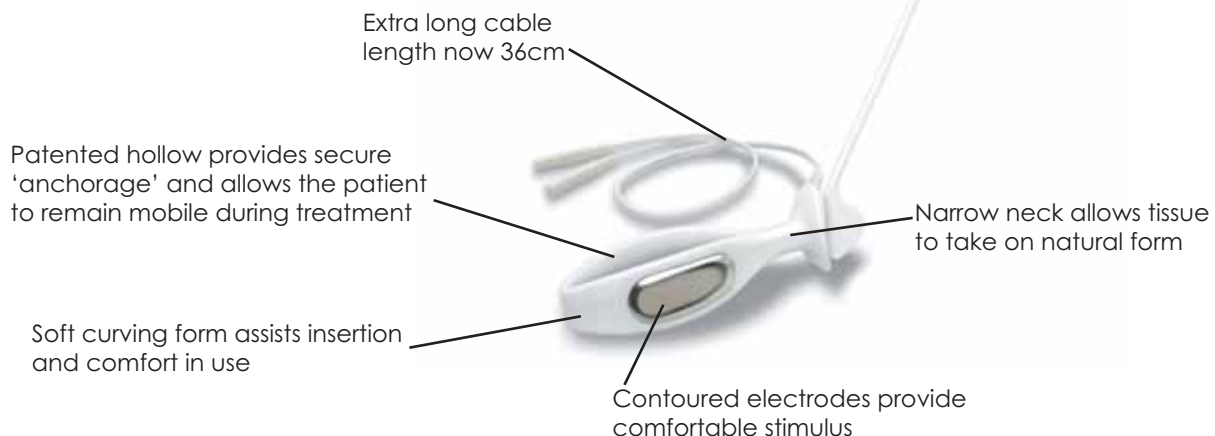
- Indicator wand length has been increased to provide greater amplification of internal pelvic tissue movements improving visual biofeedback and user education
- Connection to Periform®+ body has also been completely redesigned for improved fit and ease of use

Supplied with unique pelvic floor contraction indicator

- Teaches correct pelvic floor muscle contractions

Ordering Information

091253731 Periform®+



Anuform®

NEW

Intra-Anal & Small Intra-Vaginal Probe

The revolutionary contoured shape of the Anuform® provides an excellent interface between electrode and tissue which allows for comfortable muscle stimulation and accurate biofeedback. As the Anuform® always sits in the same position, comparable EMG readings can be taken over different sessions. Its unique shape also allows the patient to remain mobile during treatment.

- For accurate biofeedback
- Provides comfortable muscle stimulation
- Revolutionary shape for repeatable positioning and ambulatory use
- Single patient, reusable probe
- Easy to clean
- Can be used with all biofeedback and stimulation devices
- Connects to a standard lead wire via 2mm female connectors
- Complete with multilingual instruction manual



Ordering Information

091253632 Anuform®

Aquaflex®

NEW

Weighted Vaginal Cones

The simple and effective way to strengthen pelvic floor muscles to help improve general pelvic health, restore bladder control and also improve sexual response and satisfaction.

It is a clinically proven exercise system consisting of weighted vaginal cones, specially designed to improve pelvic floor muscle tone.

- Weighted vaginal cones to strengthen pelvic floor muscles
- 70% of cases of stress incontinence can be cured or improved by using weighted vaginal cones
- Aquaflex® is a safe, natural solution allowing the woman to take control
- Once inserted correctly, Aquaflex® Vaginal Cones automatically isolate and work the correct muscles to help strengthen the pelvic floor muscles
- Aquaflex® is convenient, easy to use and effective. If used daily for up to 20 minutes good results can be expected in just 12 weeks
- Using Aquaflex® can be easily fitted into your daily routine
- Single patient, reusable cones
- Easy to clean
- Complete with multilingual instruction manual including: English, French, Dutch, Swedish, Finnish, Norwegian, Danish



Ordering Information

091253657 Aquaflex

Educator®

NEW

Pelvic Floor Exercise Indicator

The Educator® has been developed from the award winning Periform® probe used by continence specialists throughout the world.

Its unique form allows it to follow the movement of the internal walls of the vagina which indicates how the pelvic floor muscles are being contracted. The external part of the Educator® amplifies this movement to show whether these muscles are being contracted correctly or not. The pelvic floor Educator® is an extremely simple form of visual biofeedback.

- Visual aid to teach correct pelvic floor exercises
- Allows improvement to be monitored
- Simple and effective
- Single patient, reusable probe
- Easy to clean
- Complete with multilingual instruction manual
- Unique external indicator wand

Ordering Information

091253707 Educator®



Peritone



EMG Biofeedback Unit

The Peritone is a single channel EMG biofeedback device. It can be used to assess pelvic floor muscle activity and used as a continence diagnosis tool. Its simple design and ease of use make it excellent for both clinic and home treatments.

- Accurate and sensitive – measures activity down to as low as 0.2 and as high as 2000µv
- LEDs display EMG level clearly and easily
- LCD displays numerical EMG reading and work/rest countdown
- After each session statistics can be reviewed (includes work and rest averages, average onset of muscle contraction and muscle release)
- Lock mode function for recording time in use, statistics and locking the units parameters
- Low cost, high quality and very accurate
- Use with Periform®+ or Anuform® and surface electrodes (not includes)



Specification

- EMG Range: 0.2-2000µV
- Sensitivity: 0.1µV RMS
- Work rest periods: 2-99 seconds
- Number of trials: 1 to 99

Contents

- Peritone unit
- 2 lead wires
- 9v battery
- User manual and quick start instructions
- Soft carry case

Ordering Information

091203280 Peritone

Pericalm™



Pelvic Floor Stimulation Unit

Dual channel unit with digital display. Its simple design and ease of use make it excellent for both clinic and home treatments.

- Features pre-set and customisable programmes
- Lock features ensures patient compliance for home use
- Use with Periform®+ or Anuform® and surface electrodes (not includes)

Programmes

- Pelvic floor workout
- Pre-set programmes for use in the treatment of:
 - Stress incontinence
 - Urge incontinence or overactive bladder
 - Mixed incontinence
 - Pelvic pain
- 3 customisable programmes to change parameters to suit the user



Specification

- Amplitude: 0-90mA
- Type: Constant current
- Waveform: Asymmetrical, rectangular bi-phasic with zero DC current
- Pulse Rate: 2-100Hz
- Pulse Width: 50µs-450µs
- Time: 5-60minutes (custom programmes only)
- Ramp up time: 0.2-8.9seconds

Contents

- Pericalm™ unit
- 2 lead wires
- 9v battery
- User manual and quick start instructions
- Soft carry case

Ordering Information

091253715 Pericalm™



Reusable and self-adhering TENS - NMES - FES stimulating electrodes

The Performa™ electrodes features long lasting 1.6mm thick hydrogel for superior conformability to body contours. This quick tac offers firm, yet gentle electrode to skin contact for multiple applications with high rewettability and dryout resistance. Performa™ electrodes are constructed with highly conductive carbon film for even current distribution and spun lace top coat for flexible and conformable to a variety of application sites.

Comfortable Moulded Lead Wire Connectors

Our pigtail electrodes offer this exclusive wire with moulded socket for improved comfort. The unique design offers a superior grip and accepts variations in lead wire pins from 2mm through 2.15mm.



Ordering Information

4665005061	∅ 32mm Dia Round (x4)
4665004683	∅ 50mm Dia Round (x4)
4665004691	∅ 70mm Dia Round (x4)
4665004667	50x50mm Square (x4)
4665004675	50x90mm Square(x4)



Neurotrac™ Devices for STIM / EMG

EMG Biofeedback and Neuromuscular Stimulation, separately or in combination are increasingly being used more to treat neuromuscular re-education in a wide range of Physiotherapy, Sports and Rehabilitation applications. The Combination of EMG plus Neuromuscular Stimulation is now being used successfully to treat a growing number of maladies such as Incontinence, in particular Stress, Prolapses, Urge, lack of sensitivity and weak Pelvic muscles, Stroke, Sports injuries, Patellofemoral Pain, Bells Palsy, Back pain and a wide range of muscular problems.

EMG BIOFEEDBACK

The new NeuroTrac™ device can be used as a stand - alone Biofeedback device using the own display screen to set up the appropriate parameters for each individual user or used in conjunction with the established multilingual software (MyoPlus, MyoPlus 2, MyoPlus 4). The new NeuroTrac™ device can be set up to:

- * Produce structured patient individual sessions or progress reports monitored on a daily or weekly basis. This helps the Clinician to analyze and evaluate ongoing treatment;
- * Used as an assessment tool or purely as a biofeedback device;
- * Work in conjunction with a computer or as a portable device.

EMG -TRIGGERED STIMULATION (ETS)

EMG-Triggered Stimulation (ETS) is a combination of EMG and Stimulation where the EMG is used as a threshold to trigger the stimulation. The patient must achieve a pre-set EMG threshold before the neuromuscular stimulation phase is triggered. At the end of each work phase the device reverts back to the EMG rest phase, stimulation cannot be re-triggered until the patient achieves the pre-set EMG threshold level. In the automatic mode the device will continually monitor the work efforts of the patient. If the patient finds achieving the threshold to difficult the device will automatically reduce the threshold, conversely if the patient finds achieving the threshold to easy, the device will increase the threshold level accordingly.

EMG + STIMULATION (PASSIVE AND ACTIVE)

Passive and Active is a combination of EMG Biofeedback and Neuromuscular Stimulation. The first phase is EMG [Passive], which entails a work/rest, or pre-set Template followed by a phase of Neuromuscular stimulation. P+A is a particularly good treatment where a patient requires to work under their own muscle initiative followed by assisted muscle stimulation. The form of treatment has a powerful response to improving the muscle tone and movement and improves the brain to respond more actively.

NEUROMUSCULAR STIMULATION

It is important that the correct parameters are set when using stimulation, the EMG diagnosis helps to determine which are the most effective modes to set or pre-setprogram to select. The Artemis has custom programs that enable the clinician to select from a wide range of Pulses widths (µS) Frequencies (Hz), work/rest , ramp up and ramp down , and overall times. Also up to 8 phases per program can be set up for example 5, 10, 15, 20, 30, 40, 60, 100 Hz each frequency with its own pulse width and ramp up, down and phase times.

NeuroTrac™ TENS & AcuStim

The NeuroTrac™ TENS and AcuStim is an advanced and modern digital dual channel TENS and Acupuncture unit featuring 16 built in and 3 custom programmes. Four different treatment modes provide maximum flexibility for pain relief.

TENS helps with a wide variety of pain and has an 80% efficacy rate. If you suffer from any type of pain, the NeuroTrac™ TENS and AcuStim may be able to help.

The NeuroTrac™ TENS and AcuStim comes with an additional AcuStim probe and a pain management booklet to help you locate the AcuPuncture points.

In addition, the wand provides sound feedback when an AcuPuncture point is located.

Specifications

- 12 built in programmes including Burst, Modulated and Conventional TENS programmes
- 4 AcuStim Acupuncture programmes
- 2 Customisable constant mode programmes
- 1 Customisable AcuPuncture programme
- LCD displays Intensity, Rate, Pulse Width, Time and programme Mode
- Time setting 4 hours for built in programmes or up to 12 hours for custom programmes
- Constant Current (extends battery life)
- Range: Rate: 2 Hz - 200 Hz, Pulse Width: 50 μ S to 300 μ S
- Lock mode function for recording time in use and locking the unit parameters
- Automatic switch off after 4 minutes if unit is not in use



Ordering Information

4665004005	NeuroTrac™ TENS & AcuStim
4665004641	Exchange - AcuProbe
4665004609	Exchange - Lead Wire

NeuroTrac™ RehaTENS

The NeuroTrac™ RehaTENS is an advanced and modern combined TENS and Stimulation unit with a remote switch for Triggered Stimulation. The remote switch allows a therapist to trigger the stimulation manually by pressing a button which is attached to the unit via a cable.

This type of stimulation is ideal for problems such as drop foot.

Specifications

- 19 built in programmes including Burst, Modulated and Conventional TENS programmes
- 3 Customisable programmes
- LCD displays Intensity, Rate, Pulse Width, Time and programme Mode
- Time setting between 1 min and 12 hours.
- Time count down monitored on LCD screen
- Set stimulation mA work levels (0mA - 90mA)
- Constant Current (extends battery life)
- Range: Rate: 2 Hz - 200 Hz, Pulse Width: 50 μ S to 450 μ S
- Lock mode function for measuring home compliance of stimulation time in use and average current
- Automatic switch off after 4 minutes if unit is not in use



Ordering Information

4665004021	NeuroTrac™ RehaTENS
4665004659	Exchange - Remote control
4665004609	Exchange - Lead Wire

NeuroTrac™ PelviTone

The NeuroTrac™ PelviTone is an advanced and modern digital dual channel STIM unit featuring 11 built incontinence programmes and 3 custom programmes.

The NeuroTrac™ PelviTone unit will help with a wide variety of continence problems and is widely used by therapists around the world. If you suffer from any type of continence problem, the NeuroTrac™ PelviTone may be able to help.

Best suited for therapists requiring flexibility and advanced functions!

Specifications

- Dual Channel Digital STIM unit
- 11 built in programmes
- 3 Customisable 5 segment programmes
- LCD displays Intensity, Rate, Pulse Width, Time and programme Mode
- Time setting up to 90 minutes
- Constant Current (extends battery life)
- Work / Rest periods from 2 - 99 seconds
- Range: Rate: 2 Hz - 100 Hz, Pulse Width: 50 μ S to 450 μ S
- Alternating and Synchronous between channel A and B
- Lock mode function for recording time in use and locking the units parameters
- Automatic switch off after 4 minutes if unit is not in use
- Suited for the experienced therapist while still maintaining its ease of use



Ordering Information

4665004899	NeuroTrac™ PelviTone
4665004609	Exchange - Lead Wire

NeuroTrac™ Myo Plus

Features and benefits:

- EMG-Triggered Stimulation
- Passive and Active (EMG and Stimulation)
- EMG Biofeedback and Diagnosis
- Neuromuscular Stimulation
- Pre-set Clinical Modes for: Continenence, Sports, Rehabilitation
- Custom Clinical modes: EMG, STIM, ETS



NeuroTrac™ MyoPlus 2

Features and benefits:

- EMG-Triggered Stimulation.
- Passive and Active (EMG and Stimulation).
- EMG Biofeedback and Diagnosis.
- Neuromuscular Stimulation.
- Pre-set Clinical Modes for: Continenence, Sports, Rehabilitation.
- Custom Clinical modes: EMG, STIM, ETS, P&A (set up and combine up to 5 phases of EMG, STIM and ETS in one programme).



NeuroTrac™ MyoPlus 4

Features and benefits:

- EMG-Triggered Stimulation.
- Passive and Active (EMG and Stimulation).
- EMG Biofeedback and Diagnosis.
- Neuromuscular Stimulation.
- Pre-set Clinical Modes for: Continenence, Sports, Rehabilitation.
- Custom Clinical modes: EMG, STIM, ETS, P&A (set up and combine up to 5 phases of EMG, STIM and ETS in one programme).



Specifications	MyoPlus	MyoPlus 2	MyoPlus 4
Number of Channels:	1 Stim, 1 EMG	2 Stim, 1 EMG	4 Stim, 2 EMG
Number of Programmes:	67	57	67
Number of phases:	up to 5	up to 5	up to 5
Programme time:	up to 8 hours	up to 7 hours	up to 13 hours
Frequency:	2-100Hz	2-100Hz	2-100Hz
Pulse Width:	50-450µS	50-450µS	50-450µS
Stim Work/Rest:	from 0.5sec	from 0.5sec	from 0.5sec
Stimulation:	up to 90mA	up to 90mA	up to 90mA
EMG precision:	0.1µV	0.1µV	0.1µV
Ordering Information	4665004550	4665004980	4665004576

NeuroTrac™ Simplex

The NeuroTrac™ Simplex is an advanced and modern single channel EMG unit featuring an easy to see bright LED bar graph and LCD display for feedback. EMG biofeedback is used for measuring muscle response for a wide range of physiotherapy applications including Incontinence and damaged muscles. The NeuroTrac™ Simplex is one of the easiest to use and most accurate units available today.



Specifications

- Single Channel Digital EMG Unit
- Accurate Range: 0.2µV to 2000µV
- Sensitivity: 0.1µV RMS
- LEDs display EMG level clearly and easily
- LCD displays numerical EMG reading and work/rest countdown
- Selectable band pass filter to filter out heart rate
- Work / Rest periods: 2 to 99 seconds
- Number of trials: 1 to 99
- Constant Current (extends battery life)
- Range: Rate: 2 Hz - 200 Hz, Pulse Width: 50 µs to 300 µs
- Lock mode function for recording time in use, statistics and locking the units parameters
- Automatic switch off after 4 minutes if unit is not in use

Ordering Information

4665004047	NeuroTrac™ Simplex
4665004609	Exchange - Lead Wire

NeuroTrac™ EMG Software

The NeuroTrac™ Software is an easy to use windows software package which is used for displaying the live EMG readings from a The NeuroTrac™ MyoPlus 4, MyoPlus, Simplex or ETS on to your computer screen. Being able to view the EMG reading in a graph format makes it much easier for the therapist and patient to understand what the muscle is doing.

The software offers 5 main modes of operation which are Open Display used for general EMG readings without a set time limit. Template training Allows a therapist to create a template line for the patient to follow their by increasing the patients control of a particular muscle. Work / Rest Assessment monitors the progress of the patient and creates work / rest statistics to aid the therapist to evaluate and diagnose muscular problems. Work / Rest Training is used for training a muscle over a number of work / rest trials. Full EMG statistics are also displayed at the end of the session.

Patient Progress Reports can be created from work / rest assessments and produce comprehensive graph and statistical reports. Up to 10 assessments can be viewed in graph form on one page allowing the therapist to visually compare each assessment to see what progress the patient is or isn't achieving. EMG statistics and quality of life information is shown on other pages of the report.

These reports can also be used to form comprehensive insurance reports if a clinic needs to prove to an insurance company that their patient is benefiting from treatment.

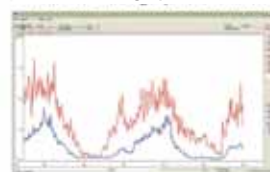
Features and benefits:

- For use with the NeuroTrac™ Simplex and ETS
- Suitable for diagnosing, monitoring and treating a wide range of muscle problems
- Dual, Single or combined channel displays
- Comprehensive Progress reports of EMG work / rest values and statistics allowing you to compare up to 10 EMG graphs on one page
- Multilingual database system featuring English, French, German, Italian, Finnish, Swedish and chinese language support
- Structured protocols for consistency of patient progress reports
- Used as an EMG biofeedback training aid or diagnostic tool
- Open display, Template, Work / rest assessment and training protocols
- Measures EMG from 0.2µV to 2000µV Accurately
- Designed for a wide range of physiotherapy applications such as incontinence, shoulder and neck pains, patello femoral pain, repetitive strain injury, stoke plus much more
- Used as a learning tool for both patients and therapists with emphasis on improving rehabilitation techniques
- Produces and prints comprehensive patient progress reports of work/rest averages, onset contraction and muscle release times, peak values, work/rest average deviations
- Records ETS and Simplex lock statistics
- Stores over 32000 patients with full session information
- Customisable settings
- Suitable for Windows XP, Vista, Windows 7
- User friendly and easy to use

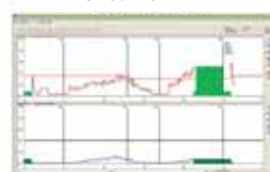
EMG Template training



Real time EMG graph: 2 channels



ETS treatment



New EMG Games



Ordering Information

4665004633	Neurotrac EMG Software
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Kinetec Sonomed V Ultrasound Therapy Unit

This lightweight mains powered Dual Frequency Ultrasound unit provides Ultrasound Therapy at 1 and 3MHz, with continuous or a choice of pulsed modes, Digital and built in pre-set protocols.

Features

- 1 and 3MHz treatment head
- Continuous and 3 pulsed settings
- Wide range of commonly used Protocols preset
- 10+ Programmable memory positions

Standard Accessories

- 5cm² ultrasound head
- Ultrasound gel
- Mains lead
- Operating Manual

Specifications

- Frequency 1 & 3MHz
- Treatment heads 1 x Large
- Output modes Continuous and pulsed - 50%, 20% and 10%
- Output power 0 - 2W/cm² (Cont) or 0 - 3W/cm² (Pulsed)
- Timer 0 - 20 minutes
- Weight 1.5kg
- Dimensions Width 30cm. Depth 20cm. Height 11cm.
- Power Requirements 100 - 240V 50 - 60Hz
- Warranty (Unit) 1 year



NEW

Ordering Information

09 131 2040 Sonomed Ultrasound Therapy Unit

Optional Accessories

S0411 Hard Carry Case with Foam Inserts
S0535 Padded Carry Case

Kinetec Portable Low Level Laser System - 670nm / 5mW

This battery powered laser therapy unit is ideal for portable use and clinic use with a unique programme system that allows you to select 10 different preset protocols. With an output of 5mW @ 670nm it is ideal for superficial sports injuries and wounds.

Features

- 10 preset protocols
- Continuous and pulsed output
- Uses 2 AA batteries

Standard Accessories

This unit is supplied with a control unit, probe, protocol key, operating instructions, treatment guide & hard carry case.



Kinetec Portable Low Level Laser System - 830nm / 160mW

This battery powered laser therapy unit is ideal for portable use & clinic use with a unique program system that allows you to select 10 different preset protocols. With an output of 160mW @ 830nm it is ideal for musculoskeletal injuries and pain relief etc.

Features

- 10 preset protocols
- Continuous and pulsed output
- Uses 2 AA batteries

Standard Accessories

This unit is supplied with a control unit, probe 830nm 160mW, protocol key, operating instructions, treatment guide, hard carry case and 2 pairs of Protective glasses.



2 PAIRS SUPPLIED WITH 830nm VERSION ONLY

Technical Specification 670nm / 5mW

Base Unit Battery operated
Class 3A
Output Modes Continuous and pulsed
Output Power 5mW
Timer Linked to protocol
Weight Base & Probe <400g
Dimensions Base: Width 6cm, Depth 3cm, Height 14cm
Probe: Length 17.5cm, 2.5cm Diameter
Power Requirements 2 x AA Battery
Warranty 1 Year

Ordering Information 09 131 2032

Technical Specification 830nm / 160mW

Unit Battery operated
Class 3B
Output Modes Continuous and pulsed
Output Power 160mW
Timer Linked to protocol
Weight Base & Probe <400g
Dimensions Base: Width 6cm, Depth 3cm, Height 14cm
Probe: Length 17.5cm, 2.5cm Diameter
Power Requirements 2 x AA Battery
Unit 1 Year

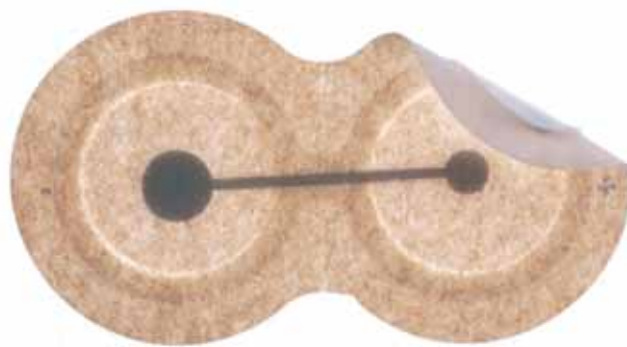
Ordering Information 09 131 2057

NEW

Iontopatch®

Electronic Transdermal Iontophoretic Drug Delivery System.

The non-invasive alternative to injection. Iontophoresis with the battery built in.



Time-released iontophoresis

IontoPatch® is a time-released electronic transdermal drug delivery system. An innovative, self-contained battery produces an electric current to carry drug molecules non-invasively across the skin and to underlying tissue. Drug delivery begins upon application and is shut off automatically when the prescribed dosage has been administered. IontoPatch is single-use and disposable.

Time and cost savings

- Less time to administer in the clinic allowing for other modalities and procedures. Allows more patients to be treated.
- Patients are not tied to external batteries or wires. They can resume daily activities.

Safety

- Low current and no pH changes reduce skin irritation or burning. There is no need for buffers with competing ions.



Effective Treatment

- **More** drug delivered — can potentially deliver higher levels of medication over hours than can be delivered in limited time with patient in clinic given patient skin tolerance.
- **More** drug remains localized — low current time-released delivery reduces blood flow to site and keeps drug localized.¹
- **More** patients improve — low current produces a significantly longer duration of physiologic response.²

Clinician controlled and efficient

- The clinician prescribes, prepares and administers IontoPatch.
- The clinician has more time to provide the patient with additional therapies during the clinic visit.
- No need for or maintenance of external batteries or lead wires.

1 - Sembrowich W et al., The Drug Delivery Companies Report, Pharma Ventures Autumn/Winter, 53-55, 2003.

2 - Anderson CR et al., Physical Therapy, 83: (2), 161-170, 2003.

Specifications

- | | |
|---------------------------------|--|
| • Active Area | 2.4 in ² (15.5 cm ²) |
| • Approximate Fill Volume | 1.2 – 1.3 cc |
| • Approximate Operating Current | 0.1 mA |
| • Dosage | 80 mA-min |
| • Average Wear-time | 14 hours (Delivery time is dependent upon individual patient skin resistance.) |
| • Skin Interface | Synthetic, non-woven absorbent material |
| • Patch Adhesive | Breathable and highly flexible; latex-free |
| • Conductive Element | Screen-printed electrode |
| • Packaging | 6 patches per pack, 6 saline vials |

Ordering Information

4665004998 IontoPatch (Box of 6 patches)



The Circulation Booster helps to improve blood circulation, relieve stress, fatigue, aches and pains, and can assist in fast recovery from muscular injury.



The Circulation Booster is registered as a medical device in the United Kingdom and is available without prescription.

30 MINUTES OF SHEER INDULGENCE

Thanks to The Circulation Booster, a growing number of British are discovering a better way of life that is pain and drug free.

The Circulation Booster is easy to use.



Just 30 minutes while sitting at your desk, watching the television or reading a book will provide relief from aches and pains. Afterwards, The Circulation Booster can easily be stowed away.

ANECDOTAL RESULTS

The Circulation Booster is already used by thousands of people around the world. Strong anecdotal feedback from therapists and users of The Circulation Booster provides indicators for the effective use of the device.

ARTHRITIS

The Circulation Booster may provide pain relief to arthritis sufferers. Electrode pads can be applied directly to joints in pain. In the case of osteoarthritis of the knee, the electrode pads can be placed on the sides of both knees, even if the pain is only experienced on one side.

DIABETES

The Circulation Booster may stimulate the nerves, improve the condition of the blood vessels and increase blood circulation. Numbness of the limbs may also be reduced. This may lead to a reduction in the risk of developing diabetes related complications such as eye, kidney, leg and heart complications.

DEEP VEIN THROMBOSIS

The Circulation Booster may stimulate a pump action of the calf muscles. This action will improve blood circulation and may reduce the risk of deep vein thrombosis.

EPILEPSY

The Circulation Booster may be useful in relieving cramps or muscle spasms experienced by epileptics.

FLUID RETENTION

The Circulation Booster may assist in reducing fluid retention in the lower limbs through a possible increase in blood circulation.

INACTIVITY

Inactive or bedridden patients may use The Circulation Booster as a therapy to stimulate movement of muscles and joints.

JOINT PAIN

The Circulation Booster may stimulate blood flow to injured muscles and wounds which enables quicker healing. In addition, The Circulation Booster may reduce the sensation of pain.

MUSCLE TONING

Use the electrodes to target specific muscles. Placing the electrode pads on your waist, arms or thighs may assist in the toning of flabby muscles. Select from the 15 different waveforms to suit your preference.

DIABETIC ULCERS

Diabetic ulcers are caused by impaired arterial flow. The Circulation Booster uses low electrostatic stimulation of the skin receptors which results in capillary dilation. This may lead to an improved venous system and enhance the healing process.

VARICOSE VEINS

As The Circulation Booster may improve blood circulation, varicose veins may also improve.

In severe cases, varicose veins may worsen before they improve, as the body adjusts to the increased blood flow.

Ordering Information

4665CB0002 Circulation Booster™



The Circulation Booster Mobile has been developed to improve circulation, ease the discomfort of tired and aching legs and to prevent the conditions required for the development of Deep Vein Thrombosis and Pulmonary Embolism.

The innovation this device brings is its portability. Finally, you can have a therapy on the move, whilst a passenger in an aeroplane or car, sitting in a wheel chair, in a hospital bed during recovery or at your place of work. Indeed, the only time we do not recommend using the product is when driving a vehicle or handling machinery.

The Circulation Booster Mobile is included in the family of products called Transcutaneous Electro Nerve Stimulation, commonly known as TENS devices. TENS is best known for its ability to safely reduce chronic pain. Physiotherapists are the professional group most familiar with the benefits of TENS.

Circulation Booster Mobile is known as an Electro Muscle Stimulation device. The control unit is powered by a battery and transmits mild electric impulses via conductive electrodes through the skin to underlying nerve fibres and muscles. Circulation Booster Mobile is approved for the treatment of pain and the improvement of blood circulation system.



Ordering Information

4665CB0102 Circulation Booster Mobile

The **GIOCO CRYO-1** system has been designed to simplify the treatment of sports injuries such as sprains, strains, bruises and post-operative recovery. The **GIOCO CRYO-1** system automates the previously manual application of cold compression by periodically exchanging the chilled water in the cuff.



- **RAPID DEEP TISSUE HEALING**
- **REDUCED PAIN AND SWELLING**
- **AIRCAST COMPATIBLE**
- **AUTOMATIC OR MANUAL MODES**
- **PORTABLE / BATTERY POWERED**
- **SIMPLE TO USE**



THERAPIES:



CRYOTHERAPY (COLD COMPRESSION)

The benefits of this therapy have been well documented over many years in the treatment of sports injuries. If used immediately after an injury is sustained the following benefits have been shown

- Reduction in pain
- Reduction in muscle spasms
- Reduction in tissue damage by reducing the metabolism
- Reduction in swelling by limiting secondary hypoxic injury

INTERMITTENT COMPRESSION

Because Cryotherapy alone is ineffective in preventing the swelling caused by sports injuries or orthopaedic surgery, GIOCO CRYO-2 integrates intermittent compression technology as well. The benefits are listed below

- Helps limit initial swelling
- Continues to reduce swelling by forcing fluids into the lymphatic system, which in turn lowers the pressure on the limb and promotes fluid reabsorption.
- Helps in the restoration of an oxygenated blood flow to increase healing.



HOW DOES IT WORK?

The **GIOCO CRYO-1** and **CRYO-2** systems consist of a selection of wrap round cold compression cuffs and a microprocessor controlled pump unit.

The **CRYO-1** Pump unit is filled with ice and water and the single tube is attached to the cuff. To fill the cuff with cold water raise it above the level of the cuff and place it on a surface. If switched to Auto mode the system will refresh the chilled water in the cuff every 3 minutes. This ensures that the limb receives a constant cooling effect.

The **CRYO-2** pump unit is filled with ice and water and the tubes are attached to the cuff using the purpose made quick release dual connector. As the system is battery powered you simply switch it on, whether on the field, in the bus or sitting at home. The limb is normally intermittently compressed with a 30 second cycle (10 seconds compression, 20 seconds relaxation). If desired the pump unit can be set to offer continuous cold compression.



Both the **CRYO-1** and **CRYO-2** systems offer an extremely effective way to treat the majority of sports related injuries, including sprains, strains and bruising. It can also be used the speed up recovery following orthopaedic surgery.

CRYO-2

The **GIOCO CRYO-2** system is a revolution in the treatment of sports injuries such as sprains, strains, bruises and post-operative recovery. The **GIOCO CRYO-2** system combines the best of two tried and tested technologies, **cold compression and intermittent compression**, to help simplify treatment of sports injuries whilst significantly decreasing the time needed for rehabilitation.

- RAPID DEEP TISSUE HEALING
- REDUCED PAIN AND SWELLING
- IMPROVED HEALING RATE
- ERGONOMIC CUFF DESIGN
- RECHARGEABLE BATTERIES
- SIMPLE TO USE



CRYO CUFFS

An extensive range of Cryo Cuffs have been ergonomically designed to offer both a high degree of comfort combined with a snug fit to ensure that the maximum energy transfer is obtained for every treatment session.

Particular attention has been paid to the cuff design to make sure that there are no hot spots formed on the limb as is common with regular cold packs.

The garments are manufactured from a specially formulated fabric to ensure long life and good thermal transfer which gives the ultimate treatment.

Ease of use is another virtue of the cuffs with both CRYO-1 and CRYO-2 systems using self sealing valved connectors which ensure the minimum of spillage. All cuffs can be easily fitted and removed by the patient with the integrated comfort strap system.



- EXTENSIVE CUFF RANGE FOR ALL LIMBS
- HIGH QUALITY FABRIC / LONG LIFE
- ERGONOMIC CUFF DESIGN
- REDUCTION OF HOT SPOTS
- DESIGNED FOR COMFORT
- SIMPLE TO FIT AND USE
- NON-DRIP CUFF CONNECTORS

CRYO-1



CRYO-2



Pump Unit .....	.4665GC0102
Cuff for Foot & Ankle .....	.4665GC01E1
Cuff for Calf .....	.4665GC01E2
Cuff for Knee .....	.4665GC01E3
Cuff for Thigh .....	.4665GC01E4
Cuff for Back / Hip / Rib .....	.4665GC01E5
Cuff for Shoulder .....	.4665GC01E6
Cuff for Elbow .....	.4665GC01E7
Cuff for Hand & Wrist .....	.4665GC01E8

Notes: Cryo-1 pump unit uses 'AA' type batteries to operate. These can be changed for rechargables if required.

Pump Unit .....	.4665GC0202
Cuff for Foot & Ankle .....	.4665GC02E1
Cuff for Calf .....	.4665GC02E2
Cuff for Knee .....	.4665GC02E3
Cuff for Thigh .....	.4665GC02E4
Cuff for Back / Hip / Rib .....	.4665GC02E5
Cuff for Shoulder .....	.4665GC02E6
Cuff for Elbow .....	.4665GC02E7
Cuff for Hand & Wrist .....	.4665GC02E8

Notes: Cryo-2 Pump supplied with universal battery charger 90-260v ac 50-60 Hz. (This allows it to be used anywhere in the world by changing the supplied plug type.)

Functional Knee Brace

Adjustable brace ADVANCE

- Reliable and lightweight
- Discreet
- Comfortable
- Possible to choose between a free and a limited range of motion, 5 extension limits and 4 flexion limits.

Description

This functional knee splint includes:
 A light anatomic frame in rigid aluminium.
 This frame is malleable to allow a suitable fit.
 A polycentric hinge with:
 - extension stops (0°, 10°, 20°, 30° and 40°)
 - flexion stops (45°, 60° and 90°)
 4 fastening straps with comfort pads.
 Inner lining: cotton
 Colour: grey and black

Indications

Mild to moderate knee instability.

Contraindications and precautions

Not for other traumatismes. Not for degenerative diseases.
 Not for use directly over open wounds or infected areas.



Ordering Information

Left	Right	Size	Thigh circ.	Length of the splint
SO071SG	SO71SD	Small (S)	<44 cm	40 cm
SO071MG	SO071MD	Medium (M)	44 to 48 cm	40 cm
SO071LG	SO071LD	Large (L)	49 to 53 cm	40 cm
SO071XLG	SO071XLD	X-Large (XL)	54 to 61 cm	40 cm
SO071XXLG	SO071XXLD	XX-Large (XXL)	>61 cm	40 cm

Ankle Support

- Comfort
- 1 orthosis and 1 size
- 3 straps
- The plantar stabilizer can easily be adjusted in height and width
- Good support when the strapping model is used. For all sprains

Description

The ankle support includes: 2 lateral rigid supports, 2 comfortable and removable pads in soft microfiber, 1 plantar stabilizer, 2 fastening straps (with or without bracelet or strapping according to the model).
 Bilateral brace (right and left)
 Colour: black and white

Indications

Traumatismes and severe or medium ankle sprains. Chronic instabilities.

Level 1 • Minor

Level 2 • Medium

Level 3 • Severe. The strapping model can be used when level 3 is stated without bone tears.

Strapping is recommended for levels 2 and 3, but also for a sprain or a chronic instability.

Contraindications and precautions

Not for immediate treatment following fractures.
 Not for use directly over open wounds or infected areas.



2 straps model



Bracelet model



Strapping model

Ordering Information

Item	Size	Model
SO081	Single size	2 fastening straps
SO082	Single size	2 fastening straps + Strapping
SO083	Single size	2 fastening straps + Bracelet

3 Panel Knee Splint

- 3 heights suitable for 97% of patients
- Reliability - Comfort - Design
- Wide choice of sizes
- Easy set up with secured panels

Description

This knee splint is made of 3 parts (2 adjustable lateral panels). To enable perfect brace positioning - 4 heights available. Outer lining: brushed nylon. Inner Lining: cotton. 4 removable and adjustable stays. For left and right leg. Colour: black



Indications

Ligament injuries, knee sprain, orthosis, post-op (example: after knee prosthesis, total hip replacement).

Contraindications and precautions

Not for immediate treatment following fractures. Not for use directly over open wounds or infected areas. A long splint may hurt the patient's ankle or groin (make sure that the length is appropriate).

Ordering Information

Item	Size	Length of the splint
SO073P30	Child	30 cm
SO073P40	Teenager short	40 cm
SO073P50	Adult short	50 cm
SO073P60	Adult long	60 cm

Lumbar Belt

- Quality
- Lightweight - Comfort (light and breathable hard-wearing elastic fabric)
- Reliable (Velcro fastening system)
- Modern -Esthetic
- Anatomical design
- The level of lumbar support is adjustable (2 lateral straps)
- Suitable for everyone (young and old patients)

Description

The belt includes: a light weight hard-wearing elastic fabric, 4 dorsal stays and a back lined with a breathable 3D fabric for more comfort. Colour: black



Indications

Low back pains (Lumbago, sciatica,...). Supports the low back area during physical work and sport.

Contraindications and precautions

The elastic border contains Latex. Not for use directly over open wounds.

Ordering Information

Item	Size	Waist Circ.
SO061S	Small	70 to 80 cm
SO061M	Medium	80 to 90 cm
SO061L	Large	90 to 100 cm
SO061XL	X-Large	100 to 110 cm

Medium Support Cervical Collar

- Comfort and good support (2 foams; hard foam for support and soft foam for comfort)
- Anatomical design
- One extra replacement stockinette including

Description

Collar is made from 2 foam types and comes with a stockinette cover that can be easily removed for washing. A spare cover is also included. Colour: white



Indications

Acute neck pains (torticollis, osteoarthritis, neuralgia). Minor sprains and other cervical traumatism with no major injury.

Contraindications and precautions

Not for treatment of severe sprains or major cervical traumatism. Not for use directly over open wounds or infected areas. Make sure that the collar's height is appropriate.

Ordering Information

Neck Circ. (cm)	Height under chin (cm)			
23 à 27	6,5	8	9	11,5
28 à 32	SO011XS	SO012S	SO013M	
32 à 36	SO011S	SO012M	SO013L	
37 à 41				
40 à 44				SO014XL

Abduction Pillow

- 2 abduction positions (45° and 65°)
- Complete set, arm support
- Quality and reliability
- Secured strap

Description

The complete set includes: a pillow, a neck strap with comfort pad, a wide waist strap, a wrist strap, an arm strap and a forearm support. Outer lining: brushed nylon. Inner lining: cotton
Colour: black

Indications

Post-operative use. Shoulder joint repairs.

Contraindications and precautions

Not for use directly over open wounds or infected areas.



Ordering Information

Item	Size	Waist Circ.
SO021S	Small	45 to 64 cm
SO021M	Medium	60 to 87 cm
SO021L	Large	81 to 122 cm

Elbow to the Body Sling

- Comfort
- Lightweight
- Thumb support band
- The waist strap is completely adjustable (Velcro system)

Description

Supplied with a neck sling and a removable waist strap
Outer lining: brushed nylon. Inner lining: cotton
Colour: black

Indications

Minor traumatism (sprain, dislocation of the shoulder). Paralysis.
Pre or Post-operative use.

Contraindications and precautions

Not for immediate treatment following fractures (unless otherwise stated by a doctor).
Not for use directly over open wounds or infected areas.



Ordering Information

Item	Size	Waist Circ.
SO031S	Small	60 to 72 cm
SO031M	Medium	73 to 92 cm
SO031L	Large	93 to 107 cm

Ambidextrous Wrist Splint

- Ambidextrous
- Comfortable
- Good superior support with interchangeable dorsal and palmar stays.

Description

Outer lining: brushed nylon. Inner lining: cotton
Colour: black

Indications

Tramatology, tendinitis, post-operative use.

Contraindications and precautions

Not for treatment of severe sprains.
Not for treatment following fractures.
Not for use directly over open wounds or infected areas.



Ordering Information

Item	Size	Wrist Circ.	Length of the brace
SO041S	Small	10 to 14 cm	20 cm
SO041M	Medium	14 to 18 cm	24 cm
SO041L	Large	18 to 22 cm	24 cm

KINETEC Traction Frames



The KINETEC Traction System solves the daily needs in:

- Orthopaedics
- Rehabilitation with the bed and in the room of the patient
- Rhumatology and the medicine of Rehabilitation
- NEUROLOGY
- Emergency wards

The KINETEC Traction System is a product developed and tested in order to enable any set up for:

TRACTION • SUSPENSION • MOBILISATION • POSTURE
adaptable on all adult or child hospitalisation bed.

The KINETEC TRACTION System is composed of:

- octagonal tubes of anodised aluminium of 34mm, high-strength, of glossed and luxurious presentation
- notched holding clamps offering SIXTEEN POSITIONS around the tube axis and assuring against dislocation
- a FIXING INTERFACE allowing anchoring, at the head, foot or in transversal of the bed,
- Carry-Pulleys ensuring free plan of the pulley in all axes, thus suppressing force from friction or derailment of the traction cord
- TRACTION ACCESSORIES allowing a precise positioning of the mobilised limbs

Designed from a material which combines resistance and lightness, the KINETEC TRACTION System is easy to use for all medical staff. Medical device conforms to the essential requirements of the directive 93/42/CEE relating to the medical devices of class I.

USEFUL INFORMATION
Ask for our complete catalogue
and further information

Examples of set up



Traction/suspension of adult inferior limb



Traction/suspension of adult superior limb

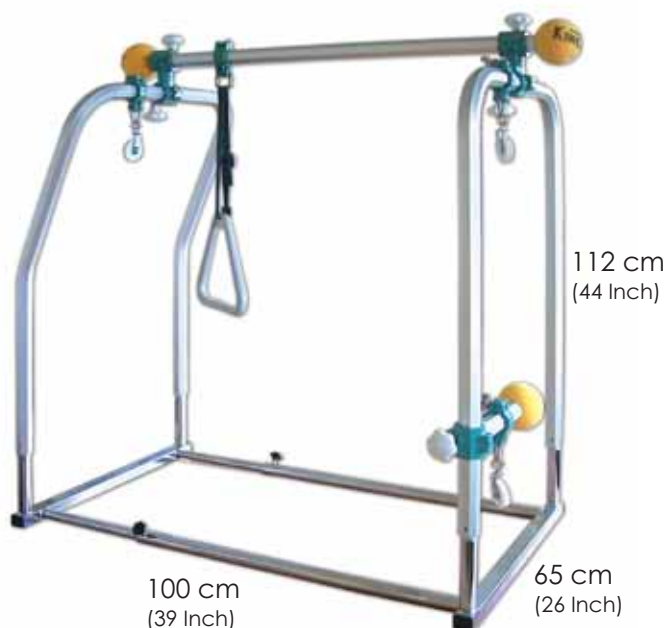


Pelvic suspension



Cervical traction

KINETEC Traction Frames Demo Kit



In order to you facilitate the presentation and the explanations of the concept of the Kinetec Traction Frames; we propose a traction frames demo kit.

Realised in tube and jaws identical to the standard material, the conception is identical to a frame of series but dimension are reduced to ease the transport and the installation.

Realisation of the bed by a chrome-plated metal frame, with points of fixation identical to most of the beds available on the market (accessories holder in 4 corners of the bed).

- The head and foot porch to facilitate the transfer (stretcher in the bed) and the access to the patient, (shampoo, intubation)
- Head porch with folding to save space for wall light
- Delivered with transport bag with rolls

With this demo frame you can explain some simple assemblies as:

- Cervical traction
- Skin traction of inferior limb
- Traction / Suspension of superior limb

Ordering Information

4655004049 Complet Demo Kit

You will also explain the elementary safety regulations.



Complementary option:

We recommend to add a lower extremity immobilization splint (Splint 2060) included in KIT 1, this Kit will allows a more total presentation of the traction frame offer.

Ordering Information

4655002506 Complet set for adult inferior limb traction

Large Display Pack

Description	Items.
ActivCycle .....	.4665003966
Circulation Booster .....	.4665CB0002
Kinetec Tens .....	.4665005110
Gioco Cryo2 Pump Unit .....	.4665GC0202
Gioco Cryo2 Knee Cuff .....	.4665GC02E3
Gioco Cryo2 Foot & Ankle Cuff .....	.4665GC02E1
Knee Brace Advance .....	.SO071SG
Lumbar Belt .....	.SO061S
Abduction Pillow .....	.SO021S

Complete Pack
The display is free of Charge

4665DIS1



Small Display Pack

Description	Items.
ActivCycle .....	.4665003966
Circulation Booster .....	.4665CB0002
Kinetec Tens .....	.4665005110
Gioco Cryo2 Pump Unit .....	.4665GC0202
Gioco Cryo2 Knee Cuff .....	.4665GC02E3

Complete Pack
The display is free of Charge

4665DIS2





Kinetec Warranty Extension

The KINETEC CPM machines have a warranty period of 2 years. As one of our main objectives is to improve the service level to our customers, KINETEC has created an optional warranty extension contract of 3 extra years on any brand new CPM which takes the warranty period up to 5 years in total. Please contact us or your local distributors for more precision and details to apply this warranty extension, therefore here under the general conditions.



Warranty extension Conditions

The KINETEC warranty extension is strictly limited to the replacement free of charge or repair in the plant of the component or components found to be defective.

The KINETEC warranty extension will extend the original warranty period for 3 years from the date of delivery to the buyer.

The KINETEC warranty extension contract needs to be ordered to KINETEC in the same time than the equipment order.

No KINETEC warranty extension contract will be agreed after the delivery of the equipment to the buyer (distributor or consumer).

KINETEC is the only organization able to assess the application of the warranty to its equipments.

The warranty will be considered null and void if the device has been used abnormally or under conditions of use other than those indicated in the user's manual.

The warranty will also be considered null and void in the event of deterioration or an accident due to negligence, inappropriate surveillance or inappropriate maintenance, or due to transformation of the equipment or an attempt to repair the equipment.

The KINETEC warranty extension includes:

- The replacement free of charge of the component or components found to be defective.
- The replacement components warranty for the period starting at replacement time to the end of the warranty contract.
- The repair time for the components replacement.
- The loan of similar equipment if the immobilisation's period at Kinetec of the defective equipment is longer than 15 days.
- The return transport (from KINETEC to the customer). The coming transport is at the customer's charge.

The KINETEC warranty extension does not include:

- The components and repair time in the event of deterioration or an accident due to negligence, inappropriate surveillance or inappropriate maintenance, or due to transformation of the equipment or an attempt to repair the equipment.
- The maintenance of non failure equipment: periodic maintenance or periodic verification.
- The coming transport (from the customer to KINETEC). The return transport is at KINETEC's charge.

Disinfection and cleaning Solution - BACTINYL®

Kinetec now offers to its users a simple and efficient cleaning and disinfection solution for its devices. In collaboration with Garcin-Bactinyl laboratories, 2 products are now available :

- **Foaming Spray – 750ml bottle with foaming nozzle**
- **Disinfecting Wipes – box of 120 wipes – 130x200mm**



Those products are suitable for cleaning, pre-disinfection and contact disinfection of equipment, material, sound, surgical instruments and non invasive medical appliances. This liquid contains less than 5% of alcohol.

- **Suitable for all kinds of materials**
- **It avoids the biofilm formation**
- **Long-lasting impregnation – Less than 5% of alcohol**
- **It does not crack the imitation leather**

USEFUL INFORMATION

Ask for complete technical sheet and certificate available



Ordering Information

4665005483 BACTINYL® Foaming Spray Inodore (per 8 bottles of 750ml)
 4665005491 BACTINYL® Disinfecting Wipes (per 12 boxes of 120 wipes)



KINETEC Rental

The CPM for everybody...it is possible.

Due to the increased demand in all areas of the market, for rental machines, we have made available a direct rental offer for all Kinetec CPMs. Your needs and requests for this service will vary depending upon your own business requirements. We are able to support you with short or longer term rentals. We can supply full service packages, including cleaning/maintenance and preparation before the rent.

- All joints:**
- Shoulder
 - Elbow
 - Hand
 - Wrist
 - Hip
 - Knee
 - Ankle
 - Club foot



Shoulder



Knee

Please get in touch with your customer care contact, to discuss your requirements.



Club-Foot



Transport Box



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