

09337 EUROTRAK TOUCH - TRACTION UNIT

This equipment can be used to perform lumbar and cervical tractions. Traction can be applied in a “static”, “dynamic” or “intermittent dynamic” mode. A series of pre-set programs aimed at specific pathologies is available, with the option of storing up to 50 personalized treatments. The display visualizes all the parameters set at a certain time and any parameter value may be modified extremely easily and quickly if required. It has a 6” colour display with graphic interface that allows to keep under control the various stages of the treatment in real time, both during traction sessions and the pauses. Throughout their treatment, patients have access to an emergency stop button to stop traction if they wish to do so.



EXCELLENT

Therapeutic indications:

- Disc protrusion;
- Disc hernia;
- Hypomobility;
- Degenerative discopathy.



CE 0476

The EUROTRAK TOUCH electronic traction unit is designed to be used with a specific therapy table made by Chinesport or another manufacturer. In any case the traction unit needs and additional, purpose-built support frame, and we can provide technical drawing for the supporting metal plate. We propose two optional therapy tables to be combined with our electronic traction unit: the model called ALFATRAC is at fixed height, the alternative BETATRAC is with a frame height adjustment.



Option 1 - Eurotrak touch fitted to Betatrak table, with height adjustment.



Option 2 - Eurotrak touch fitted to Alfatrak table, with fixed height.

TECHNICAL FEATURES

Power voltage / frequency:	100-240V, 50/60 Hz
Input power:	80 VA
Maximum output force:	90 kg (Lumbar), 20 kg (Cervical)
Minimum output force:	1 kg (Lumbar), 1 kg (Cervical)
Regulation delta:	0.1 kg
Rope length:	95 cm
LCD screen resolution:	640x480
Rope durability:	1000 hours at least
Protection class:	I-BF
Directives:	93/42 / EEC, IEC 60601
Dimensions	41 x 44 x 18 h cm
Weight	15 kg

Standard Accessories

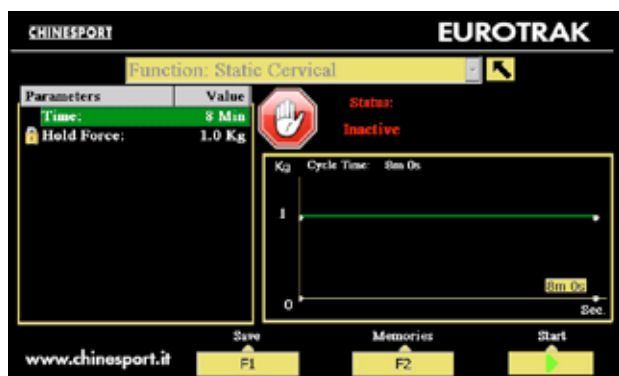
	Q.TY
Power cable (UK + EU)	2
Emergency stop button	1
Pack of screw	1

Optional Accessories

XW001.W? BETATRAC E
XW002.W? BETATRAC H
09324 ALFATRAC

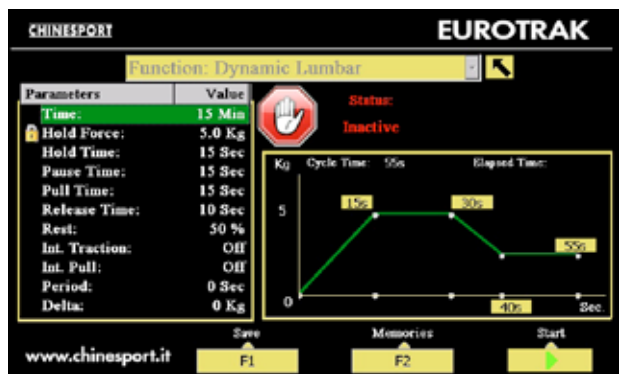


Working Modes



Static

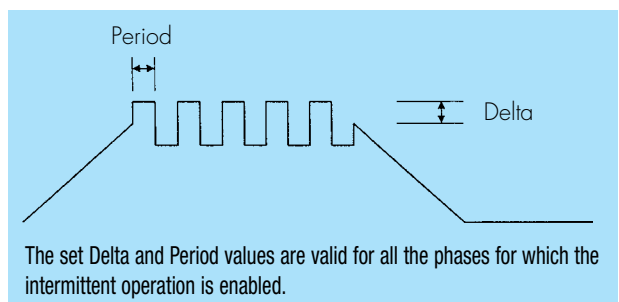
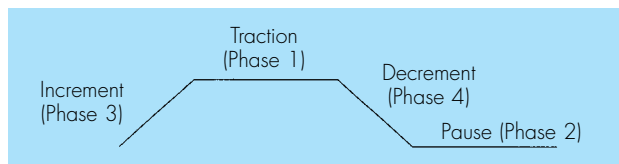
In static mode the unit exerts a steady force, equal to the set value, throughout the treatment.



Dynamic

In dynamic mode there are four phases as shown in the diagram while the table gives the parameters for each phase.

- Phase 1: traction**
 - Traction time;
 - Traction force
- Phase 2: pause**
 - Pause time;
 - Recovery: percentage of the traction force one wants to be maintained during the pause time
- Phase 3: increment**
 - Increment speed: force increment speed, in kg/s, to change from the selected pause value (recovery) to the selected traction value
- Phase 4: decrement**
 - Decrement speed: force decrement speed, in kg/s, to change from the selected traction value to the selected pause value (recovery)



Dynamic intermittent

In dynamic mode, you can set the parameters related to the intermittent operation in the screen that appears when pressing the NEXT key. You can enable or disable the intermittent operating mode for each phase (the reference phases are those described in the previous paragraph). An instance of the intermittent operation is described in the diagram, with reference to the traction phase.

Traction tables



XW001.W? BETATRAC E

Electric height adjustment traction table, with four sections, electric height adjustment by foot pedal. Lumbar and cervical tractions can be applied. The table is supplied with an additional removable support frame to be fitted to EUROTRAK TOUCH traction unit - code 09337. The head and leg sections can be easily adjusted via gas strut. The breathing hole plug comes as standard. Traction is performed using two chromed attachment elements to be fitted to the head section, two more padded supports to be used in the underarm area and a height-adjustable spreader bar to support the traction rope, all included. For lumbar tractions, there is a sliding section underneath that reduces rubbing between patient and couch surface. The table is also provided with straps in various sizes to perform tractions involving the cervical, pelvic and thoracic area, as well as with a few cushions so the patient can be comfortably positioned and a correct longitudinal traction of the spine is achieved. The table has four swiveling wheels with central locking system, and the base frame is height-adjustable thanks to four independent feet that allow for accommodating any unevenness in the floor.



XW002.W? BETATRAC H

Traction table with the same features as the XW001 table. The only difference is that the frame's height adjustment system is hydraulic.

TECHNICAL FEATURES

	Betatrac E	Betatrac H
Height adjustment type	Electric	Hydraulic
Height adjustment	min. 46 – max. 96 cm	
Power supply	230V - 50/60 Hz	-
Head/leg section adjustment	Gas spring	
Casters braking system	Central by foot pedal	
Safe load	175 kg	
Table dimensions	196 x 64 x 46 ÷ 96 h cm	
93/42/EEC Class	I	

Standard Accessories

	Q.TY
Medium thoracic strap	1
Large thoracic strap	1
Medium pelvic strap	1
Large pelvic strap	1
Chin strap	1
Cervical cushion	1
Lumbar cushion	1
Trapezium tube	1

Optional Accessories

09337 EUROTRAK TOUCH - TRACTION UNIT

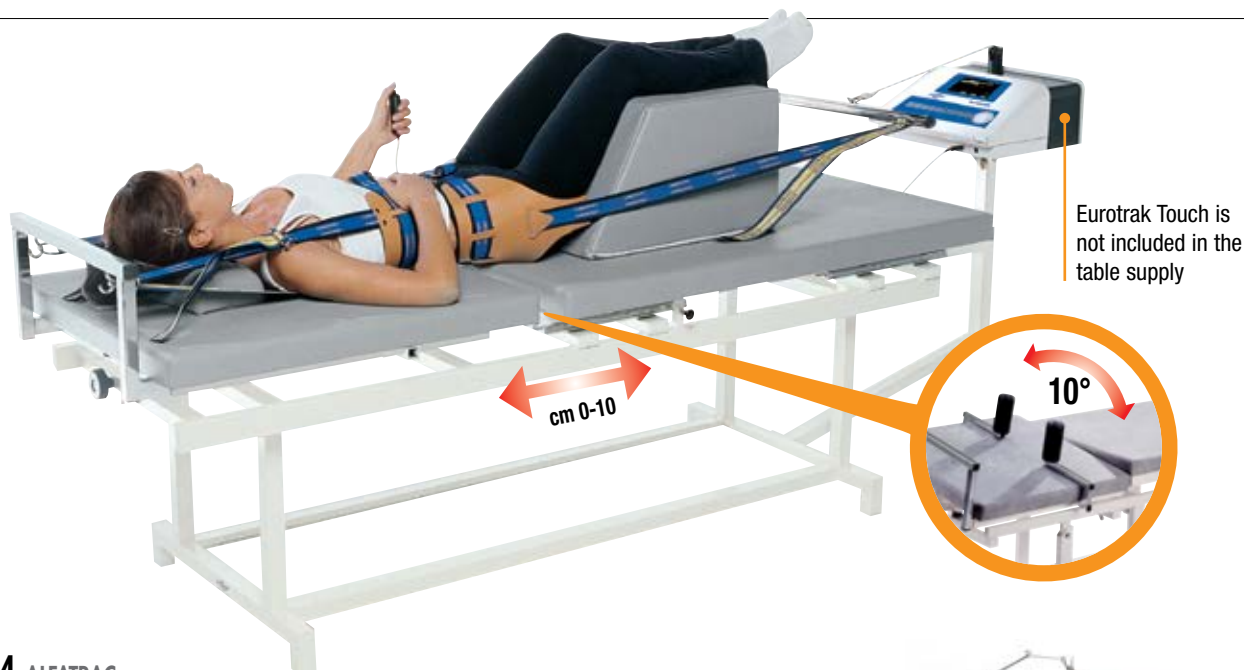
? CHOICE OF UPHOLSTERY COLOR - important: always specify the upholstery code along with the chosen item when this option is available.



Traction tables

Made in Italy

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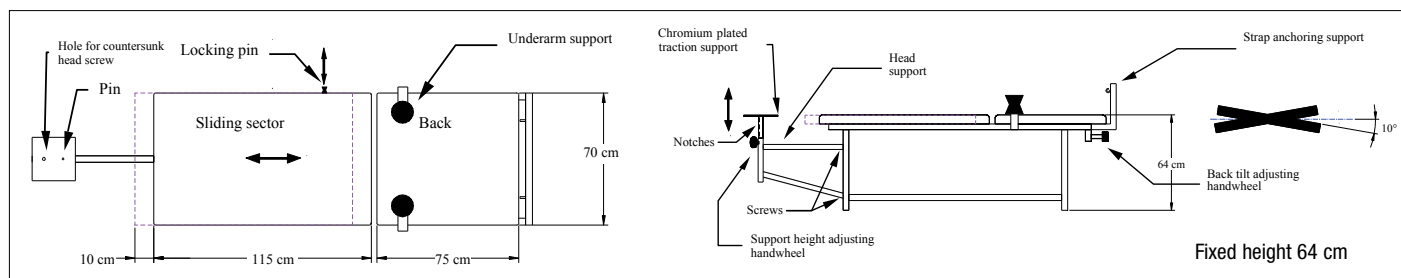
09324 ALFATRAC

Fixed height table specifically designed for tractions, with two sections and fixed height. The construction is made from coated metal with high density padding and synthetic leather upholstery. Both lumbar and cervical tractions can be applied. The table is supplied with a specific support frame to be fitted to the EUROTRAK TOUCH traction unit - code 09337 or other electronic device. The support plate is height-adjustable. The table has a chromed mini-frame with anchoring hooks fitted to the head section, two more padded supports for the underarm area and a height-adjustable spreader bar for the traction rope. For lumbar tractions, there is a sliding section underneath that reduces rubbing between patient and table surface. This section can also be tilted laterally by hand up to a 10° angle, so the trunk can be rotated during traction. The supply includes a series of straps in various sizes for application to the cervical, pelvic and thoracic area, and some cushions so the patient can be comfortably positioned and a correct longitudinal traction of the spine is achieved.

Note: the postural cushions included in the standard supply come in the same color as the table upholstery, unless otherwise specified.



TRACTIONS



TECHNICAL FEATURES	
Head/trunk section	Sliding on tracks
Head section lateral tilt	10°
Eurotrak traction unit support	Height-adjustable
Safe load	135 Kg
Dimensions	190 x 70 x 64 h cm
93/42/EEC Class	I

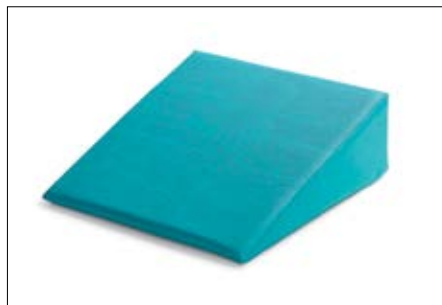
Standard Accessories	Q.TY
Medium thoracic strap	1
Large thoracic strap	1
Medium pelvic strap	1
Large pelvic strap	1
Chin strap	1
Cervical cushion	1
Lumbar cushion	1
Trapezium tube	1

Traction Posture cushions

In case you purchase a Chinesport therapy table with adjustable or fix height for cervical and lumbar tractions, a set of standard cushions can be supplied along with the table itself for comfortably positioning the patient and for the use with the specific traction electronic unit. These standard accessories can be purchased separately as well, and they are presented below. Cushion covers have a zip for easy removal, and come in a choice of upholstery from an assortment of 24 color options. Cushions can be purchased in the same type of upholstery as the examination or therapy table.



09430.W ?
TRAPEZOID CUSHION
40 x 50 x 30 h cm



09440.W ?
TRIANGULAR CUSHION
45 x 42 x 15 h cm



09450.W ?
SEMI-CYLINDRICAL CUSHION
30 x 15 x 8 h cm



AC0078.W ? SET OF CUSHIONS

- The set includes:
- 09430** TRAPEZOID CUSHION 1 pc
 - 09440** TRIANGULAR CUSHION 1 pc
 - 09450** SEMY-CYLINDRICAL CUSHION 1 pc

Message to those interested

A wider range of postural cushions are available in various shapes and sizes to meet the professional's varied requirements to position a patient correctly. Our cushions are made from variable density foam and have a synthetic leather cover which is fire-resistant and anti-bacterial, easy to clean and durable. Standard density is 21 kg/m³. In case of interest please see the other posture cushions as illustrated at chapter 1 - Therapy Tables.



XCAT0020131 COLOR SAMPLES

Upon request from design companies or individual professionals who would like to check the actual synthetic leather color before making a purchase, we are happy to send our samples.

? CHOICE OF UPHOLSTERY COLOR - important: always specify the upholstery code along with the chosen item when this option is available.





Specific straps are used for cervical and lumbar tractions. They are supplied as standard accessories in case of purchase of our traction tables called Betatrac or Alfatrac. Furthermore, these straps can be requested as spare-parts for our traction tables in case of long-time wearing.

AC0079 SET OF STRAPS

The set includes:

- 09350 PELVIC STRAP M 1 pc
- 09360 PELVIC STRAP L 1 pc
- 09370 THORACIC STRAP M 1 pc
- 09380 THORACIC STRAP L 1 pc
- 09400 LEATHER CHIN STRAP 1 pc
- 09390 ANKLE STRAPS 1 pc



09350 PELVIC STRAP M
Circumference 60 - 100 cm



09360 PELVIC STRAP L
70 - 130 cm



09390 ANKLE STRAPS
Pair of leather ankle straps



09370 THORACIC STRAP M
60 - 100 cm



09380 THORACIC STRAP L
70 - 130 cm



09400 LEATHER CHIN STRAP
Restrains the head while performing cervical traction exercises. It is made in leather. Dimensions: 35 x 7 x 0.5 cm

TLA - Active Lumbar Traction table

The active lumbar traction (TLA) originates from the Swedish method of auto-traction, a mechanical type of treatment for lumbosciatic pain due to benign mechanical compression causes. Among the mechanical causes we can include radicular syndromes due to protruded or herniated discs – both laterally and centrally located or extruded, single or multiple – as well as the insidious spinal stenosis syndromes, in which lumbosciatic pain is associated with forms of claudication resembling those caused by vascular pathologies. Patients formerly submitted to surgery and now suffering from its consequences, or relapses of previous syndromes are also eligible for treatment.

In 1985 the method was introduced to Italy and originally modified. The supporting scientific evidence is available in several authoritative international publications.

12065 TLA TABLE

Physiotherapy table with a special design, being divided transversely. The caudal section of the table can be slowly tilted up- or downwards and rotated in the left or right direction by means of an electric servomechanism, through which the therapist can position or mobilize the lumbosacral spine tridimensionally. Traverse and speed of rotation will stay within a safe range. The table is fitted with special vertical and transversal bars, some of which are located in the cranial section. Patients can cling to these bars "pulling" their body, performing in this way an "Active Lumbar Traction". To prevent slipping during traction, patients are secured by a pelvic strap to the caudal section of the table, where they can push or pull other bars with their lower limbs.



Inclinometers for checking the working positions

Accessories supplied

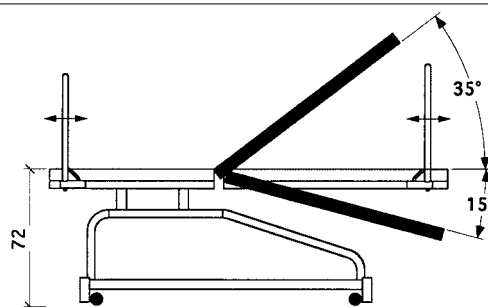
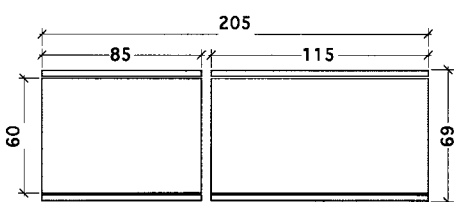


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01315 TLA MANUAL

Clinical and pathophysiologic review. Treatment guidelines by *Luigi Tesio, Alessandra Merlo, Alessandra Raschi*. This manual for the "Active Lumbar Traction" is divided into three chapters. It describes the origin of the method and its scientific premises, its practical uses and a number of questions and their respective answers to get an idea about this type of treatment. Italian-English edition





Identifying painful positions

The therapist will then start to move the table, using a hand control, to determine which positions increase or decrease pain. At this stage, the patient might be requested to lie on his/her side. Treatment will start with the patient lying in the least painful position.



Self-traction

The patient simply stretches himself/herself fully with his/her arms for 5-6 seconds and then relaxes. Both traction and relaxation must be developed gradually. This is followed by a 10-60 second rest, as required.

Table mobilization

During rest or active traction efforts, the therapist can adjust the treatment table, thus producing a mobilization of the spine, to bring the patient to positions that had previously proved to cause more pain. Maneuvers of active traction and/ or passive mobilization will follow to conquer complete mobility.

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GRAVITATIONAL APOLLO

The "upside-down position" is recommended by sports and orthopedic medical experts both for relieving stress on the intervertebral discs and preventing backache and muscular contractions. Sturdy frame of steel tubing with scissor-type hinge; adjustable foot element; padded foot holder with quick adjustment and locking device.



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GRAVITATIONAL APOLLO VIDEO

This video contains demonstrations of use suggested by Prof. Benedetto Toso. Technique to be adopted while inverting the movement and getting back to the initial position is explained in detail.

