

# USE AND MAINTENANCE MANUAL

## URANO TABLE TILT SERIES



### URANO TABLE MODELS

Description	Code
URANO with hand control	115014

#### FISIOTECH SRL

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# Index

<b>INTRODUCTION</b>	<b>p. 3</b>
<b>SAFETY</b>	<b>p. 4</b>
<b>WARNINGS – WARRANTY – PACKAGING – UNPACKING</b>	<b>p. 5</b>
<b>PRODUCT LABEL AND SYMBOLS</b>	<b>p. 6</b>
<b>TECHNICAL SPECIFICATIONS</b>	<b>p. 7</b>
<b>TECHNICAL SPECIFICATIONS OF THE POWER GRID</b>	<b>p. 8</b>
<b>WARNINGS</b>	<b>p. 9</b>
<b>HOW TO USE THE TABLE</b>	<b>p. 10-11</b>
<b>PROBLEMS, CAUSES E SOLUTIONS</b>	<b>p. 12</b>
<b>MAINTENANCE</b>	<b>p. 13</b>
<b>CLEANING</b>	<b>p. 14</b>
<b>SPARE PARTS, OPTIONAL ACCESSORIES</b>	<b>p. 15</b>
<b>INSPECTION DATA SHEET</b>	<b>p. 16</b>

## INTRODUCTION

The purpose of this manual is to provide users and operators with the necessary information to use the table properly, autonomously, and safely.

This manual contains information on the technical features, operation, maintenance, spare parts and security of the table.

This manual must always be carried with the equipment and stored with care so that the readability is not compromised.

In case of transfer of use to a third party, this manual must be transferred as well, along with the other documents, as provided by Council Directive 93/42/EEC.

### Intended use

The URANO table is designed for tilt training in supine position through a gradually increasing tilt angle. The tilt is carried out with a low voltage motor. The device is equipped with 4 swivel castors of which two with total brake and with safety straps.

### Manufacturer's details

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### Area of use

The medical devices described in this manual comply with the Directive 93/42/EEC as modified by Annex VII to Directive 2007/47/EC. Area of use: outpatient care carried out under medical supervision in hospital or in another medical centre where the medical electrical equipment are used for the treatment, diagnosis and monitoring of sick patients, people who have sustained injuries and people with disabilities.

### Storing

In case of storing, the following environmental conditions must be ensured: relative humidity 10% ÷ 90 % - temperature -10°C ÷ +50°C – Clean place.



**WARNING! Thoroughly read the manual before use.**

**FISIOTECH SRL refuses any responsibility and is not liable in case any damage to people and/or goods caused by the improper use of the table, by negligent or not-qualified staff or by non compliance with these instructions occurs.**

## SAFETY



### **WARNING! Do not use the table:**

- Beyond its declared maximum safe working load.
- On unstable floors or near inclined floors, steps, etc.
- If it has been tampered with or modified.
- If the patient has not been adequately secured to the safety straps and the footboard.
- If there is any contraindication to the use of the device or if it causes serious discomfort to the patient.
- Along with other devices which may interfere with the tilt table.
- In a potentially explosive atmosphere where a fire hazard or corrosion may occur, or exposed to the weather.
- With an inappropriate configuration or if you suspect it may harm the patient.



### **WARNING!**

- Do not touch the moving areas of components and/or controls, which are specifically labelled.
- Make sure that the patient is secured to the safety straps and the foot board.
- Make sure that the patient cannot activate the controls inadvertently.
- Make sure that the moving parts of the device do not collide with other objects or with people when in use.
- Keep away from the moving parts of the table.
- Do not put your feet on the table base in order to avoid any crushing.



### **WARNING! ELECTRICAL PARTS**

- Only connect to electrical systems complying with the law.
- Do not pull the power cord to unplug the device.
- Do not pour liquids on the device.
- Always unplug the device before working on any electrical part or before moving the device.
- Do not damage the cables; avoid crushing the cables; do not unplug by pulling the cable, pull the plug instead, etc.
- Always check the power cord. In case it needs to be replaced, please refer to the vendor.
- Unplug the power cord if the device will not be used for a long period of time. Doing so increases the lifespan of the device and limits the already low energy consumption.
- In case of breakdown or malfunctioning, unplug the device.
- The warranty is void in case of misuse, negligence, if power is supplied at a different voltage or if non-authorized personnel attempts repairing the device.
- Do not cut the plug of the table in case it is not compatible with the power socket. The temporary use of an adapter until the problem is solved is advised. If the plug is cut, the warranty is void.
- Do not open the motor/actuator, the foot pedal and/or the hand control, or the warranty is void. If the table does not work, even though it is plugged in, please contact the vendor.

## WARNINGS

- Do not use the lift mechanism constantly. Please follow the instructions at page 8: TECHNICAL SPECIFICATIONS OF THE POWER GRID.
- Expanded rubber and plastic components of the device may catch fire if exposed to open flames.
- The table may be moved through the retractable castors only when unloaded.
- Therapy lamps may damage the upholstery.
- Corrosive and/or abrasive cleaning agents may damage the upholstery.
- We recommend using a couch paper sheet between the patient and the antibacterial and fungicide leatherette and to replace it at the end of the treatment/examination.

## WARRANTY

The URANO table warranty covers only the manufacturing defects for 24 months starting from the date of delivery. The warranty does not cover: consumables and items of normal wear – such as upholstery, foot pedals/hand controls, power cables and bearings –, breakdowns caused by any impact and/or fall, wrong or improper use, use by non qualified personnel. The warranty is automatically void if the seal of warranty has been damaged or altered. The warranty is void if the device has been tampered with. Warranty repairs are carried out at our operational headquarters and prior authorization. The products to be repaired under warranty must be shipped to the manufacturer freight prepaid and with the original packaging. A copy of the invoice and of the transport document has to be sent along with a written request in order for the products to be repaired.

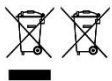
## PACKAGING

The packaging consists of a cardboard box, with a lid and a bottom. The box is closed with iron staples and placed on a pallet especially designed for this kind of box. The box is secured to the pallet with plastic straps.



**WARNING! The table is heavy (about 90 kg) and, above all, bulky. Dimensions of the packaging: length 195 – width 72 – height 100. The table has to be handled extremely carefully. The unloading must be carried out with the appropriate equipment (e.g. forklift) or by at least 3/4 people.**

## UNPACKING



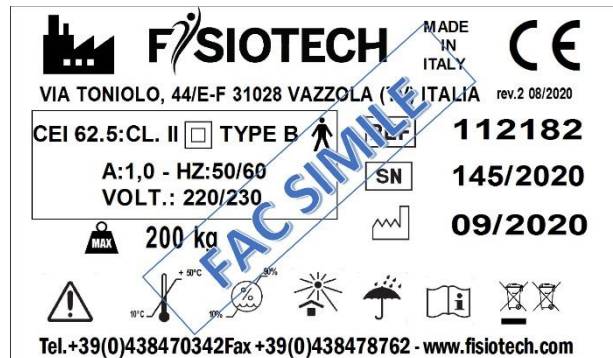
This symbol on a product means that it should not be thrown with regular waste, but disposed of following the laws on recycling/disposal in force in your country/region.













After placing the pallet containing the couch on a suitable surface cut the plastic straps securing the pallet to the couch and closing the box.



**WARNING! Be careful not to cut your hands while handling cutters, scissors or other cutting items. The use of rounded edge scissors is advised to avoid harming your hands and the upholstery of the couch. Save packaging for a possible return to the manufacturer. Dispose of plastic straps, cardboard, and bubble wrap as recycling material.**

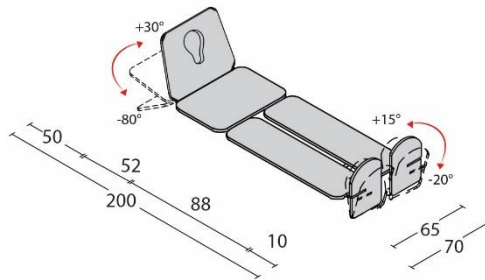
## PRODUCT LABEL – SYMBOLS



	Manufacturer
	Product Code
	Serial Number
	Date of manufacture
	Max working load
	Warning
	Temperature limit
	Humidity limitation
	Keep away from sunlight and heat sources
	Keep away from rain
	Read the instructions
	This symbol on a product means that it should not be thrown with regular waste, but disposed of following the laws on recycling/disposal in force in your country/region.

## TECHNICAL SPECIFICATIONS

- Fixed height 50 cm.
- Headrest angle between +30° and -80° with gas spring.
- Breathing hole and bung.
- Electrically adjusted tilt between 0° and +85° with hand control.
- 4 Ø 100 mm independent castors of which 2 are locking.
- 5 safety straps.
- 2 removable underarm supports.
- Independent foot boards. Angle: +15° a -20° adjustable with gas springs.
- Dimensions 190 X 65 (70 cm including the lateral bars) X 50 cm.
- Maximum working load Kg 150, evenly distributed.
- Under bed clearance 15 cm.
- Power supply 230V 50Hz.
- Powder-coated steel frame.
- 4 cm-thick polyurethane foam fireproof padding. Density: 30 kg/m<sup>3</sup>.
- Fireproof leatherette upholstery.

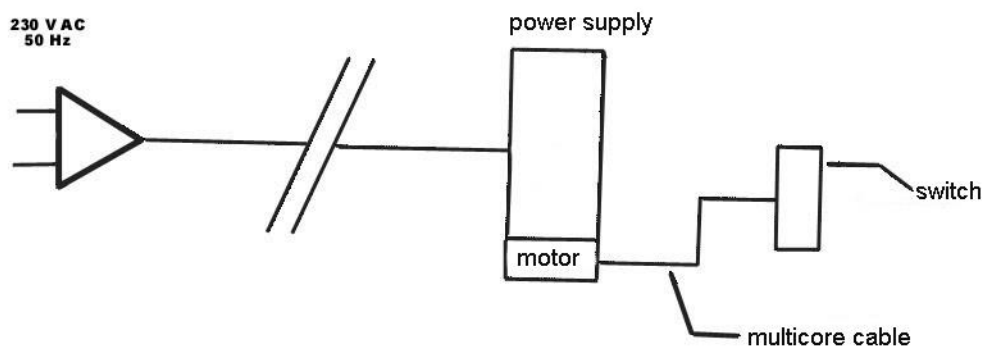


**THE BASE OF THE URANO TABLE IS DESIGNED SO THAT THE PATIENT HOIST CAN BE PLACED UNDER THE TABLE.**



## TECHNICAL SPECIFICATIONS OF THE POWER GRID

- Class II 230V 50Hz power cord.
- Low voltage 24V direct current motor.
- Low voltage 24V foot switch/hand control.
- Automatic limit switch.
- With resettable thermal fuse.



**WARNING! Please note that the actuator/motor should be ran intermittently: max 2 minutes on/18 minutes off.**

## WARNING

The professional should be very careful:

1. Not to place his and/or the patient's hands and/or feet in the areas highlighted by the symbols below in order so avoid pinching/crushing.



2. Not to sit on the headrest.



3. Not to sit or concentrate load on the extremities of the table (head-/backrest – footrest).



**WARNING!** The professional should never leave the patient unattended to prevent falls. The manufacturer is not liable for any damage to people and/or goods caused by negligent and/or not-qualified personnel.

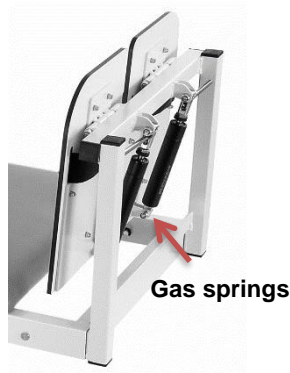
## HOW TO USE THE TABLE

### TILT ADJUSTMENT



The tilt can be adjusted between 0° and 85° with the hand control.

### INDEPENDENT FOOT BOARDS ADJUSTMENT



The adjustment of the independent foot boards between +15° and -20° is carried out with gas springs operate with a specific lever.

In order to adjust the position of the foot boards, pull the L0 lever, set the desired position, then release the L0 lever.

### MOVING THE TABLE

The bed is equipped with 4 Ø 100 mm swivel castors of which 2 with total brake.



#### **WARNING!**

**Make sure that the swivel castors are locked before the patient sits or lies down on the table.**



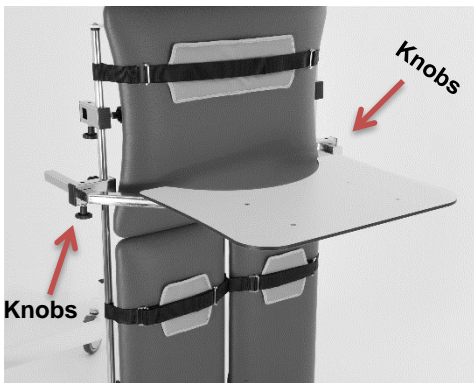
The brake can be activated with a simple foot movement  
The castor brake is in use when the lever is in its lowest position.  
The castor brake is not in use when the lever is in its highest position.

## HEADREST ADJUSTMENT



The headrest can be adjusted through a gas strut operated with a specific lever. In order to adjust the inclination, pull the lever (L1) and set the desired position; when the desired position has been reached, release the lever (L1).

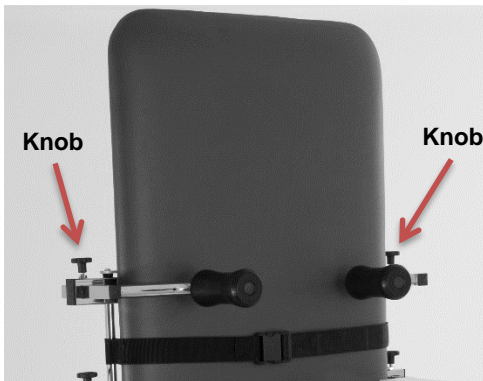
## IF PROVIDED WITH PATIENT TABLE



The patient table can be used when the tilt table is in a supine static position. The patient table is designed so that the patient can lay its forearms on it. Its height and depth can be manually adjusted.

To adjust the position, loosen the left and right knobs. When the desired height and depth have been set, tighten the knobs.

## AXILLARY SUPPORTS



The height and depth of the axillary supports can be manually adjusted.

To adjust the position, loosen the left and right knobs. When the desired height and depth have been set, tighten the knobs.

## LEVER FOR MANUAL RESCUE



Pull the lever and guide the surface until you reach the horizontal position.

**CAUTION! This operation must be carried out by at least TWO PEOPLE. CRUSHING HAZARD**

## TROUBLESHOOTING

<b>PROBLEM</b>	<b>CAUSES</b>	<b>SOLUTIONS</b>
<b>The actuator/motor does not work</b>	The plug is not plugged in properly or the power is out.	Plug the device to a power socket abiding by the technical specifications of the power grid listed on p. 8.
<b>The actuator/motor does not work</b>	Major problem (e.g. blown fuse or broken control box)	Please refer to the vendor.
<b>The actuator makes screeching noises</b>	There is dust on the stem.	Dust the stem with a non-abrasive rag. Sometimes lightly oil the stem (with liquid paraffin or cooking oil).
<b>The headrest gas spring does not work</b>	The gas spring is empty. The gas has leaked.	Please refer to the vendor in order for the gas spring to be replaced.

## MAINTENANCE

Maintenance must be carried out by a specialist, an electrician or someone who is familiar with the content of this manual.

Check the safety conditions of the device after any incident such as falls, violent impacts, spilling of liquids, etc. and any time you deem it necessary.



### **WARNING!**

- Unplug the device before maintenance.
- In case of safety hazard, the device must be unplugged and is not to be used until safety is restored.
- Actuators, control boxes, foot pedals/switches or hand controls will be completely replaced if broken. Do not open or tamper with the above-mentioned components or the warranty will be void and the manufacturer will not be liable for any damage.

<b>MAINTENANCE</b>	<b>WHAT TO DO</b>
<b>Electrical parts</b>	<p>No maintenance needs to be carried out on the actuator, apart from what was mentioned under “Troubleshooting”.</p> <p>Check the conditions of the foot pedal and power cord every 3 months. If the cables are worn and/or frayed they need to be replaced.</p> <p>Check whether the table makes unusual noises or vibrates when it is moving every 6 months. Any noise or vibration may be a sign of malfunction of the actuator and/or mechanisms.</p> <p>Complete the maintenance activating the table with the maximum safe working load.</p>
<b>Mechanical parts</b>	<p>Check the tightening of screws and bolts, the play of bearing and pins, the absence of structural damages and warpage every 3 months or after heavy usage.</p> <p>Check the control cables, gas springs and sheats.</p>

## CLEANING

The use of disinfectants is advised in order to disinfect hands and other parts of the body that came into contact with the patient or other surfaces.



**WARNING! Unplug the couch before cleaning the electrical parts.**

### Cleaning the upholstery:

Clean with a damp soft cloth with a neutral detergent solution, rinse with clean water.



**WARNING!**

- Do not use solvents, bleaches, synthetic detergents or polishing sprays.
- Avoid direct sunlight on the upholstery in order to avoid early ageing.
- Excessive rubbing may cause the early ageing of the device. Thoroughly verify that this operation is carried out correctly.
- Light colours should not come into contact with fabrics and clothes which have been treated with unbound dye or not properly dyed in order to avoid colour spots and stains which may not be removed.

### Sanitation

Spray the surface with a 0.5% peroxide-based solution and rinse thoroughly. FREQUENCY: Daily up to 6/8 per day



**WARNING!** Using detergents with additives and/or alcohol tends to increase the wear and tear process and the ageing of the surface.

### Cleaning the powder coated steel:

Gently dust with a dry or at most a lightly damp non-abrasive cloth.



**WARNING!**

1. Aggressive products may damage the frame and the upholstery.
2. Check whether all the components are completely dry before using the device after cleaning.

## SPARE PARTS

<b>CODE</b>	<b>DESCRIPTION</b>
MOAT000006	Motor / actuator
MOCT000002	Control Box
MOLT000001	Power supply
MOMT000002	Hand control
GAP4000001	Headrest gas spring
GAP4000002	Foot boards gas springs
GAS0000002	Wires for foot boards gas springs kit
GAS0000005	Wires for headrest gas spring kit
MC11503001	Safety straps
MIM1150101	Complete padding for URANO table

## OPTIONAL ACCESSORIES AND COLOURS

<b>CODE</b>	<b>DESCRIPTION</b>
125060	Patient table
125040	Padded patient restraint
125050	10 cm safety straps
<b>OUR COLOURS</b>	
<b>Metal frame</b>	Textured RAL 9001 cream
<b>Upholstery</b>	Beige, yellow, orange, burgundy, green, blue, grey, and black

