

# Instructions for Use



## Therapy Tilt Table



## **WARNING**

**To avoid injury, always read this Instructions for Use and accompanied documents before using the product.**



**Mandatory to read the Instructions for Use**

## **Serious Incident**

If a serious incident occurs in relation to this medical device, affecting the user or the patient, then the user or patient should report the serious incident to the medical device manufacturer or the distributor. In the European Union the user should also report the serious incident to the Competent Authority in the member state where they are located.

This Instructions for Use document applies to the following products:

**Standard Tilt Table**

ST7641, ST7641DL

**Tilt Table Pro**

ST7645, ST7645DL

**Therapy 2 Section Tilt Table**

ST7647, ST7647DL, ST7649, ST7649DL

# **INDEX**

1. **General Information** – Intended Use, Warnings & Cautions
2. **How to Use**
  - a. Wheel System - LMWD
  - b. Adjusting the Height of the Tilt Table
  - c. Applying Tilt Adjustment to the Tilt Table
  - d. Memory Function of The Tilt Table Pro
  - e. Treatment Timer Feature of the Tilt Table Pro
  - f. CPR Feature of the Tilt Table Pro
  - g. Adjusting the Footboard Angle
  - h. Patient Support Hand Grips
  - i. Worktable
  - j. Fixation Straps & Harnesses - Single Leg Tilt Tables
  - k. Fixation Straps & Harnesses - Divided Leg Tilt Tables
  - l. Pelvic Stabilisers (Model ST6058)
  - m. Pommel (Model 6059)
  - n. Emergency Override (Tilt Table Pro)
  - o. Paper Towel Holder
  - p. Adjusting the Backrest Angle (Gas Strut)
  - q. Adjusting the Backrest Angle (Electric Operated)
3. **Cleaning Instructions**
4. **Maintenance**
5. **Warranty**
6. **Troubleshooting Guide**
7. **Technical Data**

## 1. General Information

**CONGRATULATIONS** on the purchase of your new **SEERS MEDICAL** product. If these operating instructions are adhered to, the product will provide many years of safe use.

If these operating instructions are not followed, your warranty could be invalid!

Always keep these Instructions for Use available for reference.

All User Interfaces are identified by the **DARK GREY** colour.

### Intended Use

The Tilt Tables are suitable for a wide range of a wide range of applications for rehabilitation assessment and examination procedure. The product needs to be operated by trained medical personnel or a clinician. The Tilt Tables have a safe working load of 225KG / 495lbs.

## **WARNINGS!**

Warnings identify potential hazards which if not followed correctly, could result in serious injury, or possibly death!

- Ensure electric couches are not used in the presence of flammable gasses such as an anaesthetic agent.
- DO NOT EXCEED the Maximum Safe Working Load of the product.
- The safe working load is identified on the safe working load label.
- Patient load must be distributed evenly across the working surface.
- Do not concentrate uneven weight on either side of the couch.
- When the plug is disconnected, this acts as a disconnect device.
- Use only accessories that have been designed or approved for use with this product.
- Children must not play with the product at any time.
- Adequately supervise children in the proximity of the product.

## **CAUTIONS!**

Cautions identify circumstances which if not followed correctly, could result in failure or damage of the equipment!



**Attention! Refer to these Instructions for Use for  
further information.** 

## 2. How To Use

### a. Wheel System - Large Mobile Wheel Design



**Wheel Lever  
RED Down**  
Castors locked



**Wheel Lever  
Horizontal**  
Castors unlocked



**Wheel Lever  
GREEN Down**  
Directional Steering

## **b. Adjusting the Height of the Tilt Table**

### **Standard Tilt Table (-2WH or -2WF)**



**Hand Switch**



**Foot Switch**

### **Raising the Tilt Table**

1. To elevate the couch, push the UP button on the hand or foot switch.
2. Once the desired height is achieved, release the button.
3. On releasing the button, the couch is locked at the desired position.

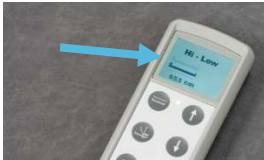
### **Lowering the Tilt Table**

1. To lower couch, push the DOWN button on the hand or foot switch.
2. Once the desired height is achieved, release the button.
3. On releasing the button, the couch is locked at the desired position.

## Tilt Table Pro (-DSP)



To adjust the height of the table, simply press the height function button indicated by the symbol, at the top of the handset.



Once selected, the graphic in the display window changes to show the Hi-Low function has been chosen.



To adjust the height of the table up or down, press and hold the desired up or down direction arrow.

In releasing the arrow, the couch automatically locks at that height.

If the up or down arrow is pressed and held again within 10 seconds the height function will continue to be selected.

If a button is not pressed within 10 seconds, the function will need to be selected once again.

### **WARNING!**

The Couch is fitted with an intelligent control system, that knows the position of the motors. Rules to the system have been set that will not allow certain functions.

For example, if there is not enough height for the table to tilt safely, it will automatically raise the height of the table before tilt can continue.

## c. Applying Tilt Adjustment to the Tilt Table

### Standard Tilt Table



To apply tilt to the couch, simply press the raise or lower button of the bottom button indicated by the tilt symbol, until desired angle is achieved.

Once the button is released, the tilt angle is locked in that position, ready for use.

### Tilt Table Pro



**WARNING!**



ENSURE the switch operating cable does not become entangled in the frame mechanism when tilting the table



1. To adjust the Tilt angle of the table, simply press the height function button indicated by the symbol, 2<sup>nd</sup> button down on the left.



2. Once selected, the graphic in the display window changes to show the Tilt function has been chosen.



3. To adjust the tilt angle of the table up or down, press and hold the desired up or down direction arrow.

In releasing the arrow, the table automatically locks at that height.

If the up or down arrow is pressed and held again within ten seconds the height function will continue to be selected.

If a button is not pressed within 10 seconds the function will need to be selected once again (step 1).

 **WARNING!** 

The Couch is fitted with an intelligent control system, that knows it's position of the motors. Rules to the system have been set that will not allow certain functions.

For example, if there is not enough height for the table to tilt safely, it will automatically raise the height of the table before tilt can continue.

Accuracy +/- 5 degree.

## d. Memory Function of The Tilt Table Pro

Should you ever wish to return the table to the same position, ie a given height or tilt position, the position can be saved to memory.

To set a stored Memory Position, use the following steps....



Position the product as desired.

Once achieved, press and hold the desired memory save M1, M2 or M3 & the 'STORE MEMORY' button for 3 seconds.

On releasing M1, M2 or M3, the position is memorized & stored.

To recall a stored Memory Position, use the following steps....



Press and hold the saved Memory position from one of the stored M1, M2 or M3 buttons for 3 seconds.

The display will show the saved settings, and after 3 seconds start to move the table to that position.

The button must continue to be held until the table stops and has reached the memorized position.

When the button is released, the table stops.

## e. Treatment Timer Feature of the Tilt Table Pro

The table is fitted with a treatment timer function. To use this function, follow the steps below....



Press the stopwatch key button.

01:00 minute will be displayed on the display.

Pressing the key again will add a further minute. A maximum of 60 minutes can be added.

Once the time is set, holding the stopwatch key for 3 seconds will start the countdown timer.

To stop or pause the countdown, press the stopwatch key once.

To zero the countdown, press and hold the stopwatch key.

## f. CPR Feature of the Tilt Table Pro

The table is fitted with a CPR function. In activating the CPR function, the table puts it itself into a low horizontal position as quickly as it can, to allow CPR to be carried out if necessary.

To use this function, follow the steps below....



Press the and hold the CPR key button until the table stops moving.

**CPR** will display on the handset identifying the CPR function has been activated.

Once the table stops moving, release the button to lock the table's position.

### g. Adjusting the Footboard Angle

1. To adjust the angle of the footboard, first ensure the patient is not standing on the footboard.
2. Pull the release knob outward and lift or lower the footboard to the desired angle.
3. On releasing the knob, the pin should click into the next available hole position and lock in that new position.
4. Ensure the footboard is locked prior to use and the release knob is fully in prior to use.



#### **CAUTION!**

Ensure nothing is beneath the foot board when tilting, raising or lowering the couch as entrapment could occur. Ensure that the foot board is/ are at 45 degree when tilting the table

## h. Patient Support Hand Grips

1. To fit the Patient Support Hand Grip to the couch, undo the locking lever on the sliding bracket.
2. Locate sliding bracket to the desired position and re-tighten the lever to secure.
3. Plug the hand hold into the sliding bracket and secure by tightening the locking lever on the underside.



### **WARNING!**

When raising or lowering the couch - ensure the sliding brackets and hand holds are not located in such a position that could cause entrapment. This could cause damage.

## i. Patient Work Table



Ensure the sliding brackets are at roughly the same height on each side of the couch.

Engage the worktable into the two sliding brackets mounted on the side rails.

Secure by tightening the locking levers on each sliding bracket

Adjust rake angle of work table by adjusting the locking knobs on the underside of the worktable.

## j. Fixation Straps & Harnesses - Single Leg Tilt Tables



### **WARNING!**

Check condition of straps and harnesses, if worn out or damaged replace immediately.

Always ensure that the straps and harnesses are in the correct position and that the patient is fully secure before operating the tilt facility.

The Standard Tilt Tables are supplied with the following Fixation Strap Set (6062):



The 6062 Strap set comprises of 2 x 6066 and 1 x 6065.

The Wide Belt (6065) is used across the patient's knees and fastened using the Velcro straps:

The upper strap should be passed between the chrome side rail and upholstery on each side of the table and then pulled across the front side of the harness to fasten.

The lower strap should be passed around the back of the table and then back around the front to fasten on top of the lower portion of the harness.

The Narrow Belts (6066) are supplied for securing the patient's chest and hips:

The two straps on each harness must be passed between the upholstery and the chrome side rails on each side of the table and then pulled across the front of the harness to fasten.



Ensure that the knee pads are strapped correctly.



**CORRECT**



**INCORRECT**

## k. Fixation Straps & Harnesses - Divided Leg Tilt Tables



### WARNING!

Check condition of straps and harnesses, if worn out or damaged replace immediately.

Always ensure that the straps and harnesses are in the correct position and that the patient is fully secure before operating the tilt facility.

The Split Leg Tilt Tables are supplied with the following Fixation Strap Set (6063):

The 6063 Strap set comprises of 2 x 6066 and 1 x 6064.



Individual Knee Harnesses  
Pair 6064



Individual Narrow Belts  
Each 6066

6063 Strap set comprises of a pair of individual Knee Harnesses which can only be used in conjunction with Divided Leg models.

The straps of each individual knee harness must be passed between the aluminium channel and the upholstery and then pulled via the edge of the upholstery to the front of the table where it can be fastened onto the Knee Harness itself.

## I. Pelvic Stabilisers (Model ST6058)

Locate the lower sliding bracket on the side rail to the desired height.

Adjust the height and distance into the patient of the stabiliser, by loosening the relevant locking lever, adjusting to desired position and the re-tightening to secure.



When raising or lowering the couch - ensure the pelvic stabilisers are not located in such a position that could cause entrapment. This could cause damage.

## m. Pommel (Model 6059)



Locate the pommel onto the dividing rail channel and slide to the desired height.

Secure by tightening the locking knob once in the desired position.

## n. Emergency Override (Tilt Table Pro)



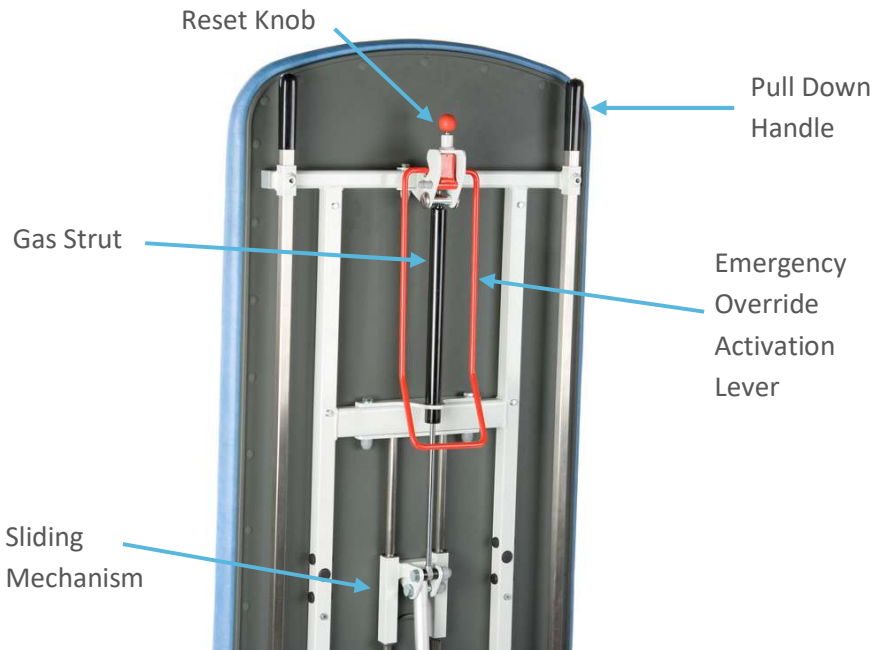
### **WARNING!**

To ensure the emergency override facility works safely and reliably, it is imperative these instructions are followed.

Incorrect use could cause damage - as well as the system failing to operate when needed.

This is an emergency down facility - not the everyday way to get the tilt table from vertical to horizontal.

## Identification of Parts





## WARNING!

Before pulling the emergency activation lever - be ready to take patient weight as activating the lever disengages the electric motor.

Failure to adhere to this advice could result in the table coming down inadvertently, injuring the operator/patient!

Become familiar with the operation of this facility without a patient present - so you know what to do when it's needed in an emergency.

### How to Use the Emergency Override



Grab the Emergency Override Activation Lever and pull outwards from the back of the table.

This is only an activation lever – the table is **NOT** designed to be pulled down by this lever.

Once the lever has been activated,  
**DO NOT OPERATE THE ELECTRIC HANDSET  
UNTIL THE EMERGENCY OVERRIDE SYSTEM  
HAS BEEN RESET!**



Once activated, the Reset Knob is engaged, locking the Activation Lever in place.

The Activation Lever can be released, so both hands can be used to lower the table in a controlled manner.

Be aware of the patient weight that you may have to take, assistance is advised.



Use the Pull Down Handle(s) to lower the table from a vertical to horizontal position.

As the table gets lower, be aware the patient weight will increase, as the table nears horizontal.

Once horizontal, the patient can be treated or removed from the table.

**Before the table can be used normally again** (by the handset) the emergency facility must be **reset**.



Manually lift the table back to the position it was in when the emergency activation lever was pulled.

Once back in position, pull the Reset Knob, disengaging the Gas Strut and re-engaging the electric motor for normal use once more.

## **o. Paper Towel Holder**



To fit and change the paper towel, simply spring the frame outwards, and remove the tube.

Place the towel roll onto the tube and refit into paper towel holder, by springing frame out gently. Releasing the frame once the tube is in place.

## p. Adjusting the Backrest Angle (Gas Strut)



1. To raise the backrest or foot section, simply grasp the release lever towards the upholstery and adjust the backrest to the desired angle.
2. Releasing the lever automatically locks the section at that angle.
3. To lower, grasp the lever again, and lower the backrest or foot section to the required angle.
4. Releasing the lever automatically locks the section.

## q. Adjusting the Backrest Angle (Electric operated)



1. To raise the backrest or foot section, simply press & hold the left side button with the picture of the backrest or foot section until the section has reached the desired angle then release the button. (Left side of buttons are to operate Up or Forwards)
2. To lower the backrest or foot section, simply press & hold the right side button with the picture of the backrest or foot section until the section has reached the desired angle then release the button. (Right side of buttons are to operate Down or Backwards)

### 3. Cleaning Instructions



Disconnect the couch from the mains power supply prior to carrying out any cleaning or decontaminating.

**DO NOT SATURATE PRODUCT!**

**IF THE PRODUCT GETS SATURATED DURING CLEANING, THIS COULD ACCELERATE CORROSION, REDUCING PRODUCTS LENGTH OF SERVICE.**

#### General Cleaning

To get rid of any dust or marks on the surface the Faux Leather **MUST** be wiped **DAILY** with a moist soft cotton cloth. Visible and loose dirt can be picked up with a vacuum cleaner (Do not use a brush type vacuum) Use a soapy cotton cloth and gently rub stains with circular movements. For more stubborn marks a dilute bleach solution can be used 5% Bleach to 95% Water.

#### Coffee, tea etc spills

Use an absorbent white cloth or piece of paper. **DO NOT RUB**. Allow the stain to be absorbed and removed from the material surface. Then rub gently with white tissue paper in circular movements to remove any remaining dampness and residue.

#### Stain Removal

Blot excess liquid as quickly as possible with a clean 100% cotton white absorbent cloth or sponge. If necessary use clean warm water. Clean the entire area where the spot occurred on the cushion, arm etc. Water may dissolve dirt particles and make cleaning easier. Spills that are still moist are the easiest to remove. Leave to air dry naturally, do not use a hair dryer etc to speed up the drying.

### **Ink, Ball point pen, Denim, hard stains**

Rub the stain by means of gentle circular movements with tissue dampened with 96°alcohol and water (1:1) After this rub the surface with gentle circular movement with tissue paper to dry it.

### **Butter, oil, grease stains**

Wipe excess butter, oil or grease off the surface with a clean 100% Cotton white dry cloth. Use a soapy cotton cloth and gently rub the stain with circular movements. Use a clean damp cloth to wipe the area and dry the surface.

### **Chewing gum**

Place ice cubes in a plastic bag and apply on the chewing gum. Wait several minutes, lift the ice bag and remove the chewing gum.

### **DO NOT USE CHEMICALS, SADDLE SOAP, CLEANING SOLVENTS, FURNITURE POLISH, OILS, VARNISH, ABRASIVE CLEANERS OR AMMONIA IN WATER.**

Frequency of routine couch cleaning will depend on exact application.

1. Ensure the couch is in a suitable area for cleaning.
2. The couch must be OFF the wheels.
3. Disconnect from mains power supply if electric model.
4. Control handsets can be wiped over using an alcohol wipe.
5. Prepare a solution from the guidelines detailed above.
6. DO NOT SATURATE PRODUCT – This should be a wipe down – not a soaking!
7. Start by cleaning the top surface of the couch, working down onto the frames below, ensuring to not accidentally activate any of the release levers, or user interface parts.
8. Ensure the couch is dry before re-use.
9. Safely discard of cleaning materials.
10. Wash hands thoroughly.

If *DECONTAMINATING* the couch then repeat steps above using a dilute Hypochlorite & warm water mixture (mixed at 10,000ppm) instead of warm water and soap.

It is crucial that any staining is treated as soon as possible but never later than 24 hours. Delays in cleaning will give stains time to react with the plasticiser in the faux leather making it more and more difficult to remove.

**Note:** These are recommended or suggested methods of cleaning.  
The manufacturer is not responsible for damage incurred while cleaning.  
Always try the cleaning method in a hidden area first to see the results.  
Remember, if you are not sure, contact your customer representative first.

r. Maintenance



Disconnect the couch from the mains power supply prior to carrying out any maintenance. All electrical maintenance should be performed by a suitably qualified person. BLUE or BROWN wires must not be connected to any earth terminal.

| Actions to be done by clinician                                                                                                                                                         | Daily | Weekly |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------|
| Check the power cable and connecting leads on hand and foot switch controls, looking for any cuts, abrasions or any other deterioration that may have occurred and replace if necessary |       | •      |
| Visually check castors                                                                                                                                                                  |       | •      |
| Visually check power supply cord and mains plug                                                                                                                                         |       | •      |
| Examine the accessories (if applicable)                                                                                                                                                 |       | •      |
| Visually check the upholstery                                                                                                                                                           | •     |        |
| Check hinge pins are secured correctly by the e-clips. IF THESE ARE MISSING, DO NOT USE!                                                                                                |       | •      |
| Check hydraulic pump for smooth operation and any signs of leakage                                                                                                                      |       | •      |
| Check gas strut controls and moveable sections for their full range of movement for locking.                                                                                            |       | •      |

**If the result of any of these tests is unsatisfactory, contact your customer service representative.**

| Actions to be done by qualified personnel                                                                                                                                                                                                                                                                       | Min<br>Once a<br>year |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| Carry out a full test of all electrical couch positioning functions (backrest, height, etc.)                                                                                                                                                                                                                    | •                     |
| Check operation of the backrest/footrest. Check gas struts operate smoothly and correctly throughout all ranges of movement. The upholstered section should lock once the release lever is no longer operated.                                                                                                  | •                     |
| Examine the power supply cord and mains plug; if damaged, replace the complete assembly; do not use a rewirable plug.                                                                                                                                                                                           | •                     |
| Examine all accessible flexible cables for damage and deterioration.                                                                                                                                                                                                                                            | •                     |
| Check all accessible nuts, bolts and other fasteners are present and correctly tightened.                                                                                                                                                                                                                       | •                     |
| Look for any visual signs of damage. Ensure all nuts, bolts and other fasteners are present and fitted where expected. If loose (can be undone by hand), re-tighten using suitable tools – but taking care to not over tighten as this could cause binding, juddering, identifiable by a likely creaking noise. | •                     |
| Check any accessories fitted to the couch, paying particular attention to fasteners and moving parts.                                                                                                                                                                                                           | •                     |
| Ensure that the mains power supply plug is attached securely to the control box.                                                                                                                                                                                                                                | •                     |
| Check mains plug connections are tight and the correct fuse is fitted to the mains plug, if applicable.                                                                                                                                                                                                         | •                     |

## s. Warranty and Product Lifetime

**SEERS MEDICAL** Limited standard terms and conditions apply to this device.

A copy of this is available upon request. This contains full details of warranty terms and does not affect your statutory rights.

For any further information on this product, regarding spares, warranty, service or maintenance information, please contact:



**SEERS MEDICAL** Limited

Kenton Road

Debenham

IP14 6LA

T: +44 (0)1728 861590

F: +44 (0)1728 861868

E: [info@seersmedical.com](mailto:info@seersmedical.com)

W: [www.seersmedical.com](http://www.seersmedical.com)

© **SEERS MEDICAL** Limited 2023

Manufactured in the UK by **SEERS MEDICAL** Limited.

As part of our ongoing development programme **SEERS MEDICAL** Limited reserves the right to modify specifications and materials of this couch without prior notice.

### **Product Lifetime**

The lifetime of this equipment is typically 12 years from the manufacture date. “lifetime” is defined as the period during which the product will maintain the specified performance and safety provided it has been maintained and operated under normal condition in accordance with the requirements stated in this manual.

## t. Troubleshooting

| Fault                                      | Possible Cause                                                                                                                                                                      | Solution                                                                                                                                                                                                                                                    |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Electrical functions not working correctly | Mains cable has become disconnected, either from the wall socket or the control box                                                                                                 | Locate control box and see whether the power light is illuminated and that the lead is connected at both ends.                                                                                                                                              |
|                                            | Fuse blown in mains plug                                                                                                                                                            | Locate control box and see whether the power light is illuminated, if not replace fuse.                                                                                                                                                                     |
|                                            | Actuator/handset leads not plugged in                                                                                                                                               | Check plugs for loose connections on the control box and the actuators                                                                                                                                                                                      |
|                                            | Damage to mains cable, actuator cable or handset cables                                                                                                                             | Turn off at mains power and contact <b>SEERS</b> or local distributor for spare parts.                                                                                                                                                                      |
|                                            | Safe working load exceeded                                                                                                                                                          | If the couch has been overloaded, it is possible to damage the actuators and control box. Contact <b>SEERS</b> or local distributor for spare parts or repair if this has occurred.                                                                         |
|                                            | Duty Cycle exceeded                                                                                                                                                                 | The couch is designed to work for short periods and then rest, check technical data for duty cycle info at the back of this booklet.                                                                                                                        |
| Couch raises or lowers on its own          | Switch stuck. If an EPFS model, ensure all segments of the foot bar system are not jammed and operate freely. Ensure no surrounding furniture is also engaging on the switch system | The electrical control system is not designed to have the switches depressed for long periods of time. If the switch is left pressed on, then this can result in the control box being damaged. This could result in the control box needing to be replaced |

| Mechanical faults              |                                                                        |                                                                                                          |
|--------------------------------|------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| Squeaking or grinding noise    | An over tight pivot point either a bolt or pin is not rotating freely. | Locate the noisy pivot point, then slacken the securing nut by ¼ turn and lubricate until noise reduces. |
| Wheels will not raise or lower | Couch is not on level floor                                            | Level couch by adjusting the adjustable foot if fitted.                                                  |

## SYSTEM RESET

This Pro Tilt table is fitted with an advanced intelligent actuator system. If maintenance has been carried out, or an actuator has been disconnected for any reason, it may be necessary to reset the control system.

If you are in any doubt Contact your reseller for after sales support and advice.

To reset the actuator control system...



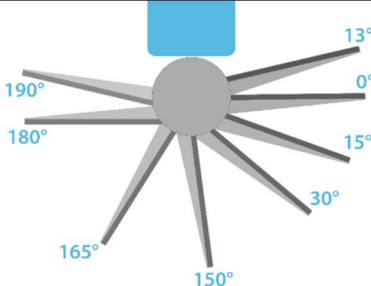
Press and hold the 'STORE MEMORY' and 'STOPWATCH' key simultaneously for 3 seconds.

The two motors of the couch should fully retract to their lowest positions.

Continue to hold these keys until the LED beneath the display blinks 3 times to indicate the reset.

Once the LED goes back to a constant LIT state, the reset is complete.

u. Technical Data - Standard Tilt Table & Tilt Table Pro

| Index / Model       | ST7641 /<br>ST7641DL                                                               | ST7645 /<br>ST7645DL                                                              |
|---------------------|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| Configuration       |   |  |
| Elevation Control   | Electric                                                                           |                                                                                   |
| Wheel System        | Large Mobile Wheel Design<br>(125mm)                                               | Large Mobile Wheel Design<br>(150mm)                                              |
| Overall Length      | 195cm                                                                              |                                                                                   |
| Width               | 70cm                                                                               |                                                                                   |
| Minimum Height      | 47cm                                                                               |                                                                                   |
| Maximum Height      | 101cm                                                                              |                                                                                   |
| Tilt Angle          | 0° to 90°                                                                          |                                                                                   |
| Foot Board Angle    |  |                                                                                   |
| Safe Working Load   | 225KG                                                                              |                                                                                   |
| Upholstery covering | Mundial vinyl: 88% PVC, 12% cotton                                                 |                                                                                   |

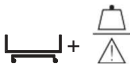
# Technical Data – Therapy Two Section Tilt Table

| Index                                | ST7647                                                                            | ST7647DL                                                                          | ST7649                                                                            | ST7649DL                                                                           |
|--------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| Configuration                        |  |  |  |  |
| Elevation Control                    | Electric                                                                          |                                                                                   |                                                                                   |                                                                                    |
| Overall Length                       | 196cm                                                                             |                                                                                   |                                                                                   |                                                                                    |
| Head Length                          | 71cm                                                                              |                                                                                   |                                                                                   |                                                                                    |
| Foot Section Length                  | 125cm                                                                             |                                                                                   |                                                                                   |                                                                                    |
| Width                                | 70cm                                                                              |                                                                                   |                                                                                   |                                                                                    |
| Minimum Height                       | 47cm                                                                              |                                                                                   |                                                                                   |                                                                                    |
| Maximum Height                       | 101cm                                                                             |                                                                                   |                                                                                   |                                                                                    |
| Safe Working Load & Lifting Capacity | 225KG (496 lbs)                                                                   |                                                                                   |                                                                                   |                                                                                    |

# Electrical Technical Data

|                                             | Linak                                                | Ti-Motion                     |
|---------------------------------------------|------------------------------------------------------|-------------------------------|
| Control Box                                 | 100 - 240V, 50/60Hz                                  | 100 - 240VAC, 50/60Hz, 2500mA |
| Output                                      | 120W                                                 | 32V, 128VA,                   |
| Standby power                               | 0.5W                                                 |                               |
| Duty Cycle                                  | 10% max, 2 min ON / 18 min OFF                       |                               |
| Mains Plug Fuse Rt (UK)                     | 5.0A x 1-                                            |                               |
| IP RATING                                   | IPX 6 washable                                       | IP 54                         |
| Electrical Classification (IEC 60601-1)     | <div> <div></div> <div>Double Insulated</div> </div> |                               |
| Electrical Classification Class 1 - Earthed | Canada                                               |                               |
| Electrical Classification Class 2           | Rest of World                                        |                               |
| Type BF Equipment                           | <div> <div></div> </div>                             |                               |

| Environmental Protection                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>  </div> | <p>           This product is marked with the crossed-out “wheelie bin” symbol to indicate that it is covered by EU directive 2012/19/EU on Waste Electrical and Electronic Equipment. This symbol indicates that the product was placed on the market after August 13, 2005 and that end users should segregate the product from other waste at end-of-life. This symbol on our products indicate that all electrical components should be disposed of at a dedicated collection point at the end of their working life. The correct disposal of your end-of-life equipment will help prevent potential negative consequences for the environment and human health.         </p> |

| Symbols                                                                             |                                                                                                                            |                                                                                     |                                                                  |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------|
| <b>SWL</b>                                                                          | Safe working load                                                                                                          |    | Double Insulated (Class II)                                      |
|    | Alternating current (a.c.)                                                                                                 |    | Manufacturer                                                     |
|    | Total weight of the equipment including its safe working load                                                              |    | Manufacturing date                                               |
|    | Caution/Warning                                                                                                            |    | Conforms to EU MDR 2017/745                                      |
|    | Refer to instructions For Use                                                                                              |    | Serial number                                                    |
|    | Type B applied part.                                                                                                       |    | Model number                                                     |
|    | Waste Electrical and Electronic Equipment (WEEE) - do not dispose of this product in general household or commercial waste |   | Do not sit on the edge marked in place where symbol is attached. |
|  | Medical device                                                                                                             |  | European Authorised Representative                               |

PDF Copy available upon request

\*Intentionally Blank\*

\*Intentionally Blank\*



**SEERS MEDICAL Limited**

Kenton Road

Debenham

IP14 6LA

UNITED KINGDOM

t: +44 (0)1728 861590

f: +44 (0)1728 861868

e: [info@seersmedical.com](mailto:info@seersmedical.com)

w: [www.seersmedical.com](http://www.seersmedical.com)

© **SEERS MEDICAL Limited 2023**



Advena Limited.

Tower Business Centre, 2<sup>nd</sup> Flr. Tower Street, Swatar, BKR 4013 Malta.

The **CE** mark on this product demonstrates conformity with EU MDR

Medical Device

