



#### OUR BRANDS



# Elevating Therapy Tilt Table User Manual

Applies to the following Model:  
HY1000



**Important!** This User Manual contains important information for the user of the product. All who use this product should review and completely understand its contents. Remember to keep this manual in a place where it is always available to those using the product.

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Introduction:

Comfortable, safe and durable the Elevating Therapy Tilt Table is ideal for nursing home and rehabilitation facility use equipped with hands-free, controlled tilt and height adjustments accessible from either side of the table. Smooth and secure elevation adjusts from 22.5-39.5” high, and tilts from a horizontal position to 85°. A heavy-duty powder coat frame supports a load capacity of 400 lbs. and includes an extra-large foot plate with non-skid surface and dual safety straps for added stability. 2” high density foam cushion with two configurable options are designed for patient comfort including a manual lift back option that adjusts to 70°.

**Intended Use:** The HY1000 Elevating Therapy Tilt Table is intended for use in a clinical environment to support patients during treatment.

## Safety Precautions & Definitions:



**WARNING:** Never leave patient on table unattended.



**CRUSH HAZARD:** Powered components used to elevate and lower this table present a potential crush hazard. KEEP CHILDREN AWAY FROM TREATMENT AREA. Allow only the patient and authorized staff in treatment area.












**ELECTRICAL CONNECTION:** For your personal safety, this table must be grounded. This table is equipped with a power supply cord having a three (3) prong grounding plug. To minimize possible shock hazard, it must be plugged into a mating three (3) prong grounding type wall receptacles, grounded in accordance with the National Electrical Code and local codes and ordinances. If a mating wall receptacle is not available, it is the responsibility and obligation of the customer to have a properly grounded three (3) prong wall receptacle installed by a qualified electrician. Power requirements of the table are found in the Technical Data Section.

### Before using this equipment follow the following safety precautions:

- Before using this equipment make sure you have read and understand this entire manual.
- Explain proper use to all employees. This table should be used only by qualified, trained personnel.
- Never exceed the table's maximum supported weight.
- Connect table only to an outlet that is grounded and connected to a circuit with a fused circuit breaker in accordance with the National Electrical Code and local codes and ordinances.
- Use only on dry surfaces. Ensure the tables feet or casters do not slide.
- Make sure casters are locked before use.
- This table is NOT for patient transport.
- NOT intended for use with accessories other than those indicated in this manual.
- Do not operate the table in an environment where other devices that intentionally radiate electromagnetic energy in an unshielded manner are present.
- Always explain to the patient how to properly get on and off the table. Be sure to assist patient to prevent falls.
- Keep patient's hands positioned on the top side of cushions at all times.
- Keep hands and feet away from moving parts and pinch points.
- Ensure controls have locked properly prior to positioning or releasing patient.
- Never leave patient unattended on table.
- Follow preventative maintenance instructions provided in this manual.
- Ensure all components have been inspected for damage and are fully functional.
- Inspect cables and connectors before each use.
- If you need service assistance contact Pivotal Health Solutions at 1-800-743-7738.

## Symbols:

**Warning and Precautions** through this manual are indicated by specific symbols. Applicable symbols are shown below along with a description of the symbol. Review these symbols and all safety precautions before operating the table.

	<b>CAUTION:</b> Text with a “CAUTION” indicator will explain possible safety infractions that could have the potential to cause injury.
	<b>WARNING:</b> Text with “WARNING” indicator will explain possible safety infractions that will potentially cause serious injury and equipment damage.
	<b>Pinch Point:</b> Indicates space between manually adjustable moving and stationary parts where body parts may become caught, leading to minor injury.
	<b>Warning: High Voltage</b>
	<b>Crush Hazard:</b> Indicates space between powered moving and stationary parts that represent a potential crush hazard.
	<b>Instructions for Use:</b> Indicates the need for the user to consult the instructions for use.
	<b>EXPLOSION HAZARD</b> Text with “EXPLOSION HAZARD” indicator will explain possible safety infractions if this equipment is used in the presence of flammable anesthetics.
	Contains electronic materials. Recycle and dispose of device properly in accordance with local, state and federal laws.
	Indicates the device manufacturer.



**WARNING:** Under no circumstances should the table be modified from its original design. Contact Pivotal Health Solutions if you need help with service.



**DANGER:** Possible explosion hazard if used in the presence of flammable anesthetics.

## Installation & Unpacking:

**A MINIMUM OF TWO PEOPLE ARE REQUIRED TO LIFT AND MOVE THE TABLE. LIFT THE TABLE BY THE BASE FRAME!**



**WARNING:** Do not install/use this equipment adjacent to, or stacked with, other equipment as it could result in improper operation. If such use is necessary, this equipment and the other equipment should be observed to verify they are operating normally.

After removing the top and side panels of the shipping crate, you may notice metal bands and plastic cable ties. These are used to secure various sections of the table and must be removed. Once all bands and cable ties are removed, the table must be lifted directly upward in order to clear all shipping restraints.


Once the table is out of the shipping crate, place table in a level location and inspect the table cushions, frame, cables, etc. for damage. If no damage is noted, plug in the table and test the elevation, drops, and any other options that are on your table. Contact Pivotal Health Solutions or your dealer with any questions or concerns.

**Instructions for Damaged Merchandise:** The contents of this shipment have been checked and packed by experienced personnel. If your company arranged the shipping, damage should be noted on the Bill of Lading before signing to accept the shipment, then articles damaged in transit should be reported at once to delivering carrier and a claim must be filed by you. If freight was arranged by Pivotal Health Solutions, note any damage on the Bill of Lading before signing acceptance of product and notify Pivotal Health Solutions right away. Failure to inspect for shipping damage prior to signing for the product may affect your warranty. We can neither be responsible for, nor can we accept the return of merchandise damaged in transit during shipment arranged by outside parties.



**WARNING:** Portable RF communications equipment (including peripherals such as antenna cables and external antennas) should be used no closer than 30 cm (12 inches) to any part of the Thera-P Electric Treatment table including cables associated with the Thera-P Electric Treatment Table. Otherwise, degradation of the performance of this equipment could result.

## Technical Specifications:

Base Model Number	HY1000
Model Name	Elevating Therapy Tilt Table
Cushion Configurations Available	HY1001 – 1 Section 27" Width HY1002 – 2 Section 27" Width
Dimensions	27" W x 82" L
Height	22.5 – 39.5" H
Manual Lift Back	0° to 70°
Tilt Angle Indicator	0° to 90°
Foam	2" High Density Foam Cushions
Hand Control	Hand Control For Tilt
Foot Pedal Control	Foot Pedal for Lift
Rated Voltage	120V
Rated Frequency	50/60 Hz
Rated Current	10A
Fuse Type	No User Serviceable Fuse
Lifting Capacity	350 lbs.
Duty Cycle	2 Minutes On, 18 Minutes Off
Electrical Classification	Class 1
Electrical Type	 Type B
IP Rating	IPx4
Power Cord (120V)	96 in (243 cm) cable length, 10A, unshielded



**WARNING:** Keep table out of high moisture areas. For indoor use only.

**Operating Conditions:** This table should be operated, between 40° F (4.4° C) and 100° F (37.8° C), with relative humidity ranging from 30% - 80%.

**Transport & Storage Conditions:** This table should be transported and stored in temperatures between -40° C (-40° F) and 70° C (158° F) with relative humidity 10%-100%.

**Expected Life:** This product has an approximate expected life time of 10 years when correctly handled, serviced, and inspected in accordance with these instructions.

**Design and Quality:** Pivotal Health Solutions is certified in accordance with ISO 13485, the standard for the medical device industry.

**Product Changes:** Pivotal Health Solutions, Inc. reserves the right to make products changes without prior notice. Contact your Pivotal Health Solutions representative for advice and information about product upgrades.

## Operation:



**WARNING:** Use of accessories and cables other than those specified or provided by Pivotal Health Solutions could result in increased electromagnetic emissions or decreased electromagnetic immunity and result in improper operation.



**WARNING:** Not for patient transport. DO NOT roll or move the table when patient is on the table. Casters must be locked at all times when a patient is on the table.



**CRUSH HAZARD:** Powered components used to elevate and lower this table present a potential crush hazard. KEEP CHILDREN AWAY FROM TREATMENT AREA. Allow only the patient and authorized staff in treatment area.



**PINCH POINT:** Always keep patient's hands positioned on top side of cushions when lowering, raising and tilting table to keep from potential pinch points.

### Assisting Patient onto Table:

- 1) The practitioner or trained staff should always assist the patient on the table. Do not allow the patient to get on the table by him/herself.
- 2) The patient should check clothing for keys, wallet, belt, or any other items that may cause discomfort during treatment or damage upholstery.
- 3) Never leave patient unattended while on the table.
- 4) Maintain contact with table/patient when patient is loaded in vertical tilt position until the patient is in the horizontal position for treatment.

### **Table Operation:**

- 1) Ensure foot plate is locked in place before engaging table. Then begin by tilting the table to the vertical position by pressing up on the hand control. **(Always keep hands and feet away from moving parts.)**
- 2) To begin treatment, open straps on table then have the patient stand on the foot plate and lean into the table gripping the patient handles on each side of the table and secure straps around patient before tilting table to horizontal position. **(Patient must hold hand rails while table is moving.)**
- 3) Once patient is in position and patients' hands are on the patient handles and straps are secure around patient lower the tilting table to a horizontal position by pressing down located on the hand control. **(Always keep hands and feet away from moving parts.)**
- 4) When the table is in the horizontal position you can raise the table to the desired height by pressing the up arrow located on the foot control pedal. When table is at desired height straps may be removed from patient to perform treatment.
- 5) Perform the treatment desired. Refer to the 'Operation' section and/or the individual component functions below for operation of specific table features.
- 6) Once treatment is complete, if table has tilt cushion section place in lowest position, then lower the table to its lowest horizontal position by pressing the down arrow on the foot control pedal. Ensure foot plate is locked in place before raising table to a vertical position.
- 7) You may now safely remove the patient from the table, or you may choose to tilt the table vertical so the patient can step off of the table in the vertical position. If you choose to remove the patient in the vertical position have the patient grab onto the patient handles on each side of the table and secure patient straps.
- 8) To tilt the table up to the vertical position for patient removal simply press up on the hand control. Once the foot plate is firmly on the ground unstrap patient and patient may step off of foot plate with assistance.

### **Assisting Patient off of Table:**

- 1) Caution the patient not to get up from the table alone so as to prevent any strain that could void the treatment, and to ensure the patient is not lightheaded from lying down which can cause imbalance.
- 2) Allow patient to get full balance before coming to a standing position. Best practice is to keep a hand on the patient at all times.

### **Elevation/Tilt:**

- Use the Table Height Adjustment foot pedal to raise and lower the table height.
- Use the Table Hand Control for tilting and lowering the table.

### **Tilt Section: (Optional)**

- Pull tilt back lift lever forward and lift on cushion to tilt up. Cushion position will lock automatically. To lower, support cushion turn release lever to unlock the cushion and lower the cushion to the desired angle, and release lock lever. Make sure to hold cushions by side, not ends to avoid pinch points.

### **Foot Plate Operation:**

- Foot plate can be lowered once table is horizontal, pull and turn pin; foot plate must be pinned back in place securely before tilting table to vertical position for patient loading or unloading.



## Preventative Maintenance:



**WARNING:** Disconnect table from power source before wiping down mechanical parts to avoid personal injury.

### INSPECTION:

At least monthly the table should be thoroughly inspected for wear and tear, loose hardware and parts, and other damage.

- Inspect the table to make sure that there is no external damage or loose hardware. Tighten loose hardware. Hardware that does not tighten needs replacement.
- Inspect the straps and Velcro on the straps. Replace if the Velcro or straps do not hold securely.
- Inspect table for obvious signs of damage or wear such as cracked welds, loose bolts, frayed or damaged cords. Do not use a table with damaged cords.
- Check moveable components (electrical and non-electrical) to ensure functionality.
- Check components to ensure they lock and function properly.
- **Contact Pivotal Health Solutions with questions or concerns.**

### LUBRICATION:

It is recommended that every six (6) months the table drive bearings be lubricated using a light machine oil such as 3-in-1 oil. Do not over lubricate as it is of no value and will collect dust and dirt. Wipe down remaining table mechanism with a clean rag.

## Upholstery Cleaning & Care:



**CAUTION:** Read carefully, improper cleaning will void the warranty. Never use alcohol-based cleaning agents.

**DISINFECTING:** There is a disinfecting wipe on the market called *Protex Ultra Disinfectant Wipes*. Many of our customers use these.

**FOR DAY TO DAY CLEANING:** A solution of 10% mild household liquid dish soap with warm water, applied with soft damp cloth. Rinse with clean water and dry.

**FOR STAINS:** Dampen a soft white cloth in a one to one (1:1) solution of Fantastik® and water OR Formula 409® and water. Rub gently and rinse with a water dampened cloth.

**FOR MORE DIFFICULT STAINS:** Dampen a soft white cloth with a solution of household bleach (10% bleach / 90% water). Rub gently and rinse with a water dampened cloth to remove bleach concentration.

**WHAT NOT TO USE:** Using the wrong cleaning agents you will VOID YOUR WARRANTY and crack, dry out and destroy your vinyl. Do not use any cleaning agents that contain alcohol, harsh chemicals or abrasives.

## Service:

**Refer to Warranty section in this manual for specific warranty information.**

When replacing worn parts, use genuine Pivotal Health Solutions, Inc. parts by contacting our service department. When ordering replacement parts:

- Ask for the service department, 800-743-7738
- Have the model number and serial number available
- Specify parts by the numbers/description below

## Troubleshooting:

No Power	<ol style="list-style-type: none"><li>1. Verify power supply connections.</li><li>2. Check that outlet is working and breaker is not tripped.</li><li>3. <i>If the problem persists, contact Pivotal Health Solutions.</i></li></ol>
Elevation: Table will not raise or lower.	<ol style="list-style-type: none"><li>1. Check to verify table is home by lowering all table sections flat in the horizontal direction.</li><li>2. Check to see if cord running from foot control to control box is connected properly.</li><li>3. Look for damage to controls.</li><li>4. Make sure outlet is working properly.</li><li>5. <i>If the problem persists, contact Pivotal Health Solutions.</i></li></ol>
If you hear unusual noise.	<i>Contact Pivotal Health Solutions</i>

### Technical Information:

Pivotal Health Solutions will make available, upon request, circuit diagrams, component part lists, descriptions, calibration instructions, or other information that will assist service personnel.

### Resale or Disposal:

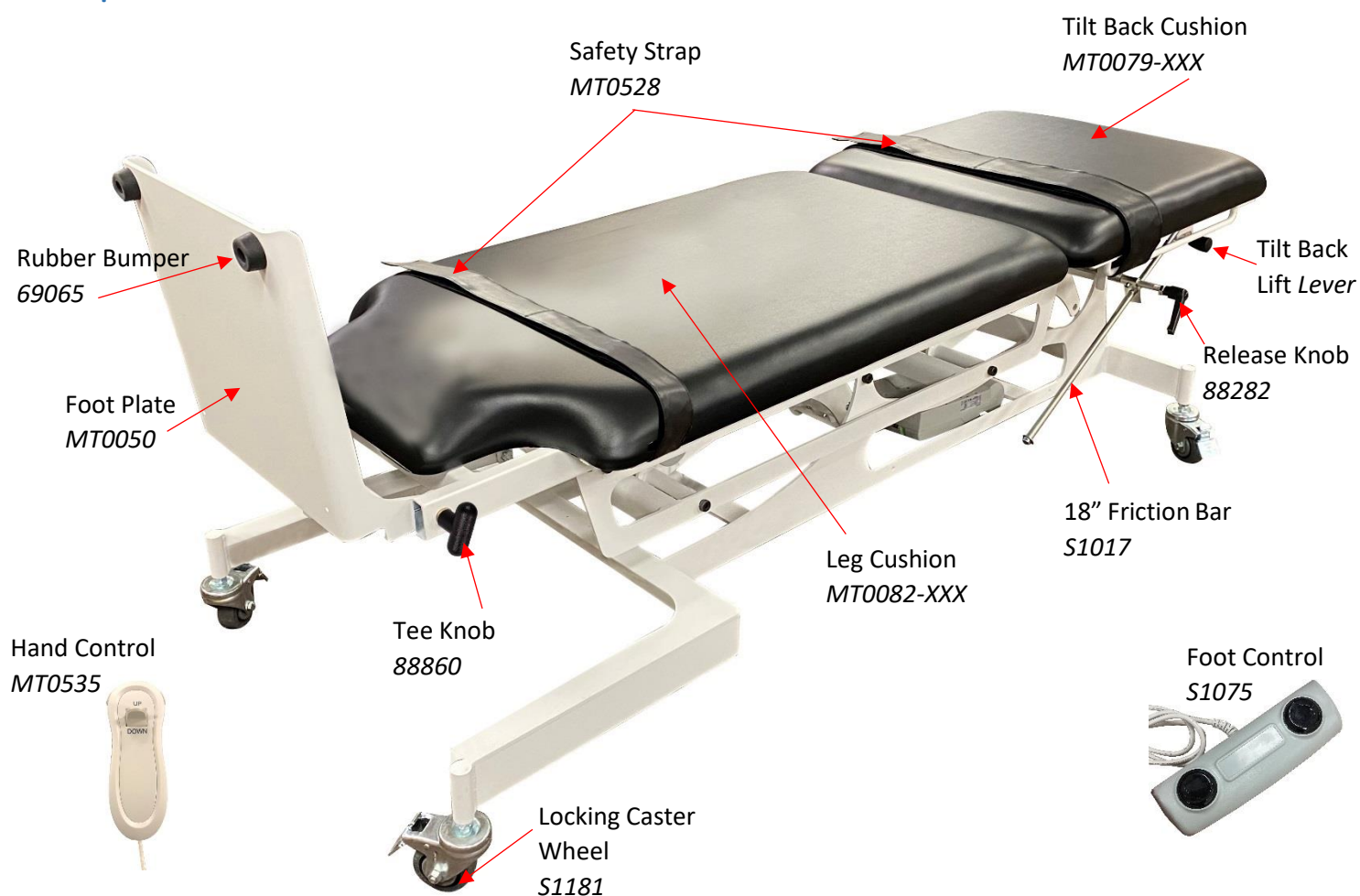
A therapy table is considered a medical device by the Food and Drug Administration. Therefore, it is necessary that Pivotal Health Solutions, Inc. be notified if the table is sold, destroyed, or otherwise disposed of. Please notify in writing providing your name and the serial number of your table to:

**Pivotal Health Solutions**  
**Attn: Quality**  
**3003 9<sup>th</sup> Ave. SW**  
**Watertown, SD 57201**



Recycle and dispose of device properly in accordance with local, state and federal laws. Over the years, tons of electronics equipment with hazardous materials have been thrown away with standard garbage. Over time, these materials leech out of the electronic causing damage to the environment. It is important to try and properly dispose of retired devices in order to prevent damage to our environment.

## Replacement Parts:



NOTE: These tables may have various cushion configurations. Please contact Pivotal Health Solutions for replacement cushions.

<u>Part Name</u>	<u>Part Number</u>
Tilt Back Cushion (27")	MT0079-XXX
Leg Cushion (27")	MT0082-XXX
Safety Strap	MT0528
Tee Knob	88860
Release Knob	88282
Support Handle	MT0051
Foot Plate	MT0050
18" Friction Bar	S1017
Rubber Bumper	69065
Locking Caster Wheel	S1181
Single Foot Control Pedal	S1075
Hand Control	MT0535
TiMotion Actuator	MT0520
TiMotion Control Box	MT0521

\*xxx is a place holder for the color code. Contact Pivotal Health for the appropriate color code for your table.

## Warranty:

Pivotal Health Solutions warrants to the **original purchaser** that each PHS Chiropractic product shall be free from defects in material and workmanship and agrees to remedy any such defect or to furnish a new or equal part in exchange therefore. Warranty covers components and repairs (labor) indicated below, commencing on date of original shipment. Labor coverage may not include replacement or installation of small parts or components. Pivotal Health Solutions Service and/or Sales will determine the technical level of service needed and approve labor coverage on a case by case basis.

**Warranty Period:** Warranty covers aluminum frames for 10 years; steel or wood frames for 5 years; laminate, phenolic, and plastic frames for 3 years; electrical components, standard foam, and standard upholstery for 2 years; moving components, hardware, accessories, and custom-printed upholstery and graphics for 1 year. Labor is covered on repairs in the first year. Labor may not include replacement or installation on small parts or components.

Pivotal Health Solutions reserves the right to inspect claimed defective products. No returns, replacements or repairs may be made without prior written consent. Please do not return any product to Pivotal Health Solutions or its service center without first contacting Customer Service for a Return Authorization number. Products returned without a Return Authorization number will be refused back to the customer at their expense.

**Return Authorization** can be obtained by contacting the service department at Pivotal Health Solutions. Refer to Service section of this manual for contact information.

This Warranty covers defects in materials and workmanship provided the product is used for the normal purpose for which intended. The customer shall be responsible for the proper set-up and use of the product. This Warranty does not include damage resulting from accident and expressly excludes normal wearing of parts or deterioration due to normal wear and tear, damage caused by improper set-up or storage, defect caused by transportation, accident, fire, flood, alteration, abuse, misuse, or negligence. Pivotal Health Solutions shall not be liable for any direct or indirect, incidental, exemplary, or consequential damages or delay, including damages for loss of income or loss of use.

Any obligation of Pivotal Health Solutions under this Warranty shall automatically and immediately terminate, without notice from or any further action by Pivotal Health Solutions and Pivotal Health Solutions shall have no responsibility for damages of any kind as a result of the occurrence of any of the following:

- accident, misuse, abuse or negligent use of the Products or any component thereof;
- any repair or alteration of the Products or any component thereof made outside Pivotal Health Solutions' authorization;
- improper installation, setup, or operation (including both mechanical and electrical) of the Products or any component thereof, which includes the operation of the Product not in accordance with the Product's operating manual;
- failure to provide normal maintenance for the Products or any component thereof in accordance with the Product Operating Manual.
- Alteration or obliteration of any identifying marks.

**Note:** Warranty periods listed apply only to products purchased in new condition. Any tables sold as a factory blemish or in used condition are sold 'as-is' and are limited to a (1) year warranty on the frame only, commencing on the date of delivery.

## Manufacturer Information:



**Pivotal Health Solutions, Inc.**

3003 9<sup>th</sup> Ave. SW

Watertown, SD 57201

USA



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