



# HY2002 HYLO IAT Elevating Table User Manual

OUR  
BRANDS:



Applies to the following Models:  
HY2002



**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:

The IAT HYLO Elevating Table has multiple innovative features such as an elevating ankle extension, an electric fall-away foot plate, 26” handles below the cushion, and a caster system for easy movement. The all new HY2002 has a sleek base with high density foam and the elevating height ranges from 20” to 34”, making it ADA compliant. The HY2002 also tilts from 0-63° making it ideal for instrument adjusting techniques. Add a pelvic drop for additional treatment options.

**Intended Use:** The HY2002 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 to ensure the table's feet or casters do not slide.
- Make sure casters are locked prior to 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 HY2002 IAT HYLO Elevating Table including cables associated with the HY2002 IAT HYLO Elevating Table. Otherwise, degradation of the performance of this equipment could result.

## Technical Specifications:

Base Model Number	HY2002	
Model Name	HYLO IAT Elevating Table	
Dimensions	80" L x 28" W	
Height	20-34" H	
Tilting	0-63°	
Ankle Rest with Elevation	3.5"	
Foam	3" High Density Foam Cushions	
Rated Voltage	100 – 240V	
Rated Frequency	50/60 Hz	
Fuse Type	No User Serviceable Fuse	
Lifting Capacity	350 lbs. (158 kg)	
Duty Cycle	2 Minutes On, 18 Minutes Off	
Electrical Classification	Class 1	
Electrical Type	 Type B	
OPTIONS:	S2778	Pelvic Drop
	H0034	Paper Tray

Pelvic Drop (S2778)



Paper Tray (H0034)



**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.



**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.




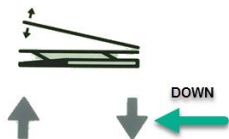
**PINCH POINT:** Always keep patient's hands positioned on top side of cushions when lowering, raising and tilting table to keep from potential pinch points.

### 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.

### Table Operation

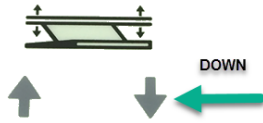
- 1) To begin treatment, have the patient stand on the foot plate and lean into the table gripping the patient handles on each side of the table.
- 2) Once patient is in position and hands are on handles press the unlock button  on the hand control to be able to control the table functions
- 1) Begin by tilting the patient to the horizontal position by pressing the down arrow located on the hand control under the tilting icon. **(Always keep hands and feet way from moving parts).**



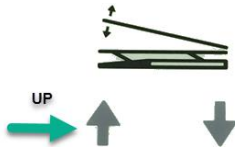
- 2) Once table is in horizontal position you can raise the table horizontal to the desired height by pressing the up arrow located on the hand control under the raise/lower icon.



- 3) Once treatment is finished to remove patient lower the table to its lowest horizontal position. Lower the table by pressing and holding the down arrow under the raise/ lower icon.



- 4) You can now safely remove the patient from the table, or you may choose tilt the table vertical so patient can step of the table in the vertical position. If choose to remove patient in vertical position have patient grab on to patient handles on each side of the table before tilting table.
- 5) To tilt table up to vertical position for patient removal simply press the up arrow under the UP/DOWN tilt icon. Once foot plate is firmly on ground patient may step off of foot plate.



#### **Assisting Patient Off Table (After Treatment):**

- 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 laying 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.

**TABLE ELEVATION:** Use the hand control to raise, lower, and tilt the table. The control box is programmed to not allow the table to tilt vertical if table has been raised horizontally. To tilt the table vertical table must be at lowest horizontal position before tilting function is active. If Tilt button is pushed and table is not at lowest horizontal position lowered there will be a beep and table will not move.

**DROP OPERATION:** To cock the drop, simply raise the COCKING HANDLE. To increase the amount of drop tension, turn the TENSION ADJUSTMENT KNOB toward the rear of the table. To decrease the amount of drop tension, turn the TENSION ADJUSTMENT KNOB toward the head of the table.

**ADJUSTING ANKLE SECTION:** To adjust the ankle section simply press mechlock control and lift up on the center of the ankle cushion.

## Preventative Maintenance:



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

### INSPECTION:

Perform the following checks before each use. If any components fail to operate properly, take the table out of service until repaired.

- Check for loose hardware. Tighten as needed. Hardware that does tighten needs replacement.
- 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 all moveable components (electrical and non-electrical) to ensure functionality.
- Ensure all locking components lock properly.
- Note: This table requires no lubrication.
- **Contact Pivotal Health Solutions with questions or concerns.**

## 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 table to zero in the horizontal and vertical directions.</li><li>2. Check to see if cord running from Hand switch 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>
Ankle section slips	<ol style="list-style-type: none"><li>1. Check for proper operation of the mechlock and control.</li><li>2. <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

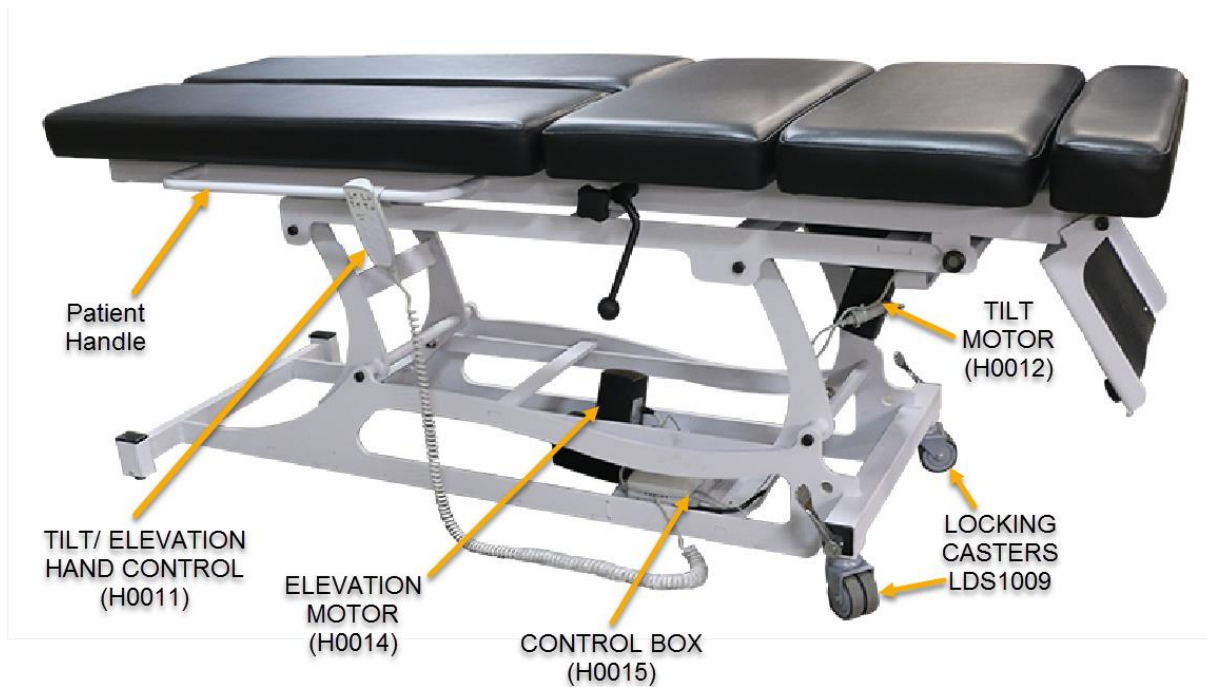
Watertown, SD 57201



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.

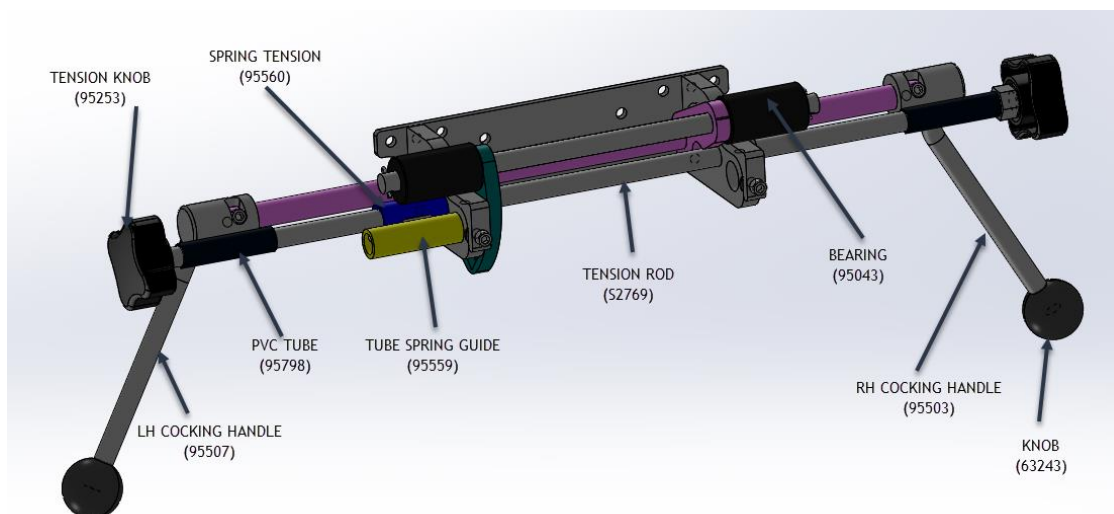
It is important to try and properly dispose of retired devices in order to prevent damage to our environment.

## Replacement Parts:



(NOT ALL COMPONENTS ARE SHOWN)

## DROP ASSEMBLY S2778



## 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:

#### **Adjusting Treatment Tables (Powered)**

**Products:** Ergostyle™ ES2000, FX, HYLO, Elevating HYLO; TradeMark Series; TradeFlex Series; ME2002 Elevating Table, and **HY2002 IAT HYLO Elevating Table**

**Parts Warranty:** 1 Year on frame (*Structural Only*)  
1 Year on electrical components  
1 Year on foam and upholstery  
1 Year on moving components, hardware, and accessories

**Labor Warranty:** Labor covered on repairs in 1<sup>st</sup> year

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:

 <p>Pivotal Health Solutions, Inc. 3003 9<sup>th</sup> Ave SW, Watertown, SD 57201 USA</p>	<p> (in US) 800-743-7738</p> <p> (international) 011-1-605-753-0110</p> <p> Fax: 605-882-8398</p> <p> Email: <a href="mailto:service@pivotalhealthsolutions.com">service@pivotalhealthsolutions.com</a></p> <p> World Wide Web: <a href="http://www.pivotalhealthsolutions.com">www.pivotalhealthsolutions.com</a></p>
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