

USER MANUAL

OAKWORKS® PT Tables



PT Series

Printed in U.S.A.

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PRODUCT USE DESCRIPTION / IMPORTANT SAFETY INSTRUCTIONS

PRODUCT USE DESCRIPTION

The Oakworks PT Tables are used to support the patient during examinations and procedures. They are intended to be operated by a healthcare professional in a medical environment. No special training is required but a review of the following Safety Instructions is important for the safety of the operator and patient. The healthcare professional should read and understand this entire manual before use with a patient. There are no known contraindications to the use of this equipment.

SYMBOL IDENTIFICATION



This symbol, when used in this manual and on product labels, represents a caution warning. Be sure to read and comply with all precautions and warnings.



This symbol, when used in this manual and on product labels, warns against an electrical shock hazard. Be sure to observe and comply with all warnings.



This symbol, when used in this manual or on product labels, indicates a Protective Earth (Ground) Terminal.



This symbol, when used in this manual and on product labels, indicates that the table and components are a Type B Applied Part pursuant to IEC 60601-1.



This symbol, when used in documentation on this product, indicates alternating current (AC).



This symbol, when used in documentation on this product, indicates direct current (DC).



This symbol is used to indicate that the operator should consult the user manual.

IMPORTANT SAFETY INSTRUCTIONS



CAUTION

READ AND SAVE THESE INSTRUCTIONS

The use of accessories, transducers, and cables other than those specified by the manufacturer, may result in increased emissions or decreased immunity of the table.

The Table should not be used adjacent to or stacked with other equipment and that if adjacent or stacked use is necessary, the table should be observed to verify normal operation in the configuration in which it will be used.

The Table is designed to be a stand-alone table. This table must not be modified or incorporated into any other equipment.

As with any moving mechanism there are potential pinch points around and underneath the table. It is the responsibility of the operator of this equipment to insure that bystanders are not in the area below or around this equipment during operation.

IMPORTANT SAFETY INSTRUCTIONS

Proper operation of this equipment is very important for the safety of the operator, patient, and any other individuals in the area of this equipment. Directions for use of this equipment are described in this manual. The operator should read these sections carefully.

Weight Limit: (patient and accessories) 550 lbs. (250 kg) Do not exceed.

The Back Rest and Leg Rest sections are not designed to support the entire weight of the patient. Do not sit on the Back Rest or Leg rest sections.

Be certain that the table is completely lowered without any tilt being present prior to discharging an ambulatory patient. The patient may lose balance and fall.

This table is not suitable for use in the presence of flammable anesthetic mixture with air or oxygen or nitrous oxide.

Do not lift table by the table top. This can damage the table.

When lowering the table, make sure there is nothing underneath the table top that can impede motion (like stools, cabinets, accessory parts, cleaners, etc)

Use this furnishing only for its intended use as described in these instructions. Do not use attachments not recommended by the manufacturer.

Close supervision is necessary when this furnishing is used near children or disabled persons.

WARNING

To reduce the risk of burns, fire, electric shock or injury to persons:

1. Unplug this furnishing from the electrical outlet before cleaning.
2. Unplug from outlet before adding or removing parts.
3. Never operate this furnishing if it has a damaged cord or plug, if it is not working properly, if it has been dropped or damaged, or dropped into water. Contact Oakworks Customer Service before use.
4. Keep the cord away from heated surfaces.
5. Never drop or insert any object into any opening.
6. Do not use outdoors.
7. Do not operate where aerosol (spray) products are being used or where oxygen is being administered.

DANGER

Risk of electric shock - Connect this furnishing to a properly grounded outlet only. See Grounding Instructions in this manual.

Electrical Shock Hazard - The power supply/control module is located under the table seat. No user serviceable parts are inside the control box. Refer servicing to qualified personnel. Unplug wall plug prior to contact with any cables connected to the power supply.

PRODUCT DESCRIPTION

PT100



STANDARD SPECIFICATIONS	
Height Range	Powered 16"-34" (40-86 cm.)
Foot Control	Height Motion
Table Voltage Options	120V/60Hz or 230V/50Hz
Table Capacity	550 lbs. (250 kg.) (patient and accessories)
Widths	27" (69 cm.) or 29" (74 cm.)
Length	73" (185 cm.)
Padding	1.75" (4.4 cm.) Firm Response <i>OR</i> 2.5" (6.4 cm.) Comfort Foam
Table Weight*	155 lbs. (70 kg.)
OPTIONS	
Dual Locking Casters	
2 Button Hand Control	
Second Foot Control	

For electrical specs, see Specifications section.

PRODUCT DESCRIPTION

PT150



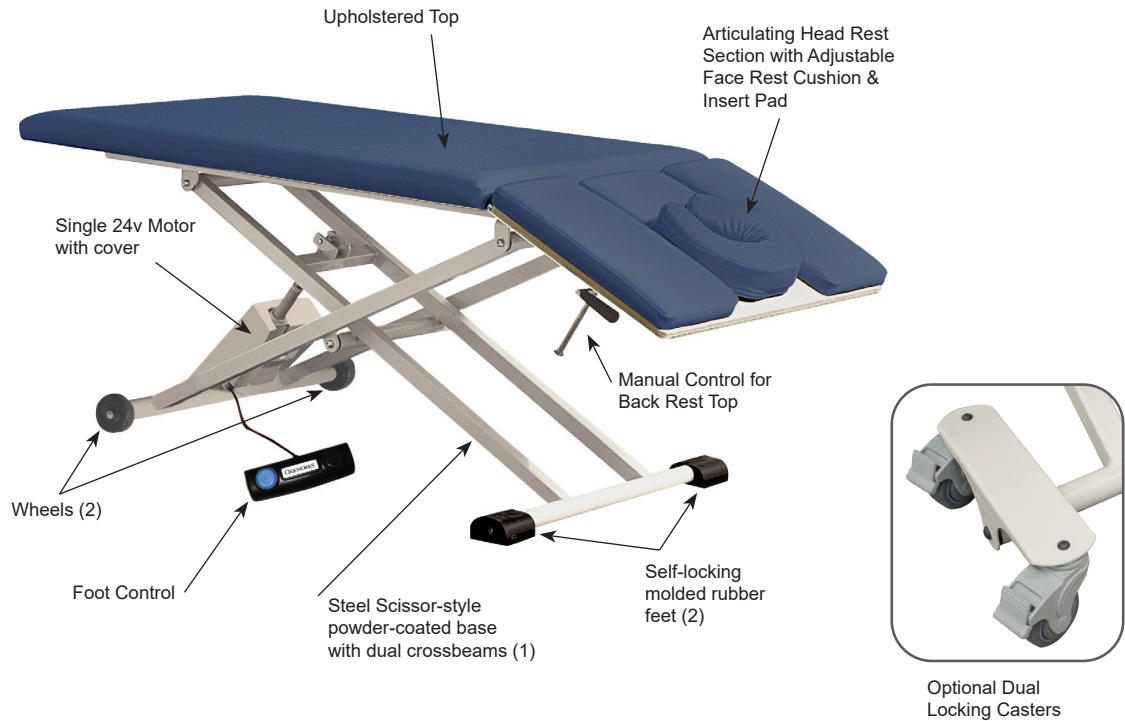
Optional Dual Locking Casters

STANDARD SPECIFICATIONS	
Motion 1	Powered 16"-34" (40-86 cm.) Height Range
Motion 2	Manual 0° - 90° Fowler Backrest
Foot Control	Height Motion
Table Voltage Options	120V/60Hz or 230V/50Hz
Table Capacity	550 lbs. (250 kg.) (patient and accessories)
Widths	29" (74 cm.) or 31" (79 cm.)
Length - 2 Section top	39" (99 cm.) Backrest section 36" (92 cm.) Seat section
Padding	1.75" (4.4 cm.) Firm Response <i>OR</i> 2.5" (6.4 cm.) Comfort Foam
Table Weight*	160 lbs. (73 kg.)
OPTIONS	
Dual Locking Casters	
2 Button Hand Control	
Second Foot Control	
(1) or (2) Side Rails (31" width only)	

For electrical specs, see Specifications section.

PRODUCT DESCRIPTION

PT200

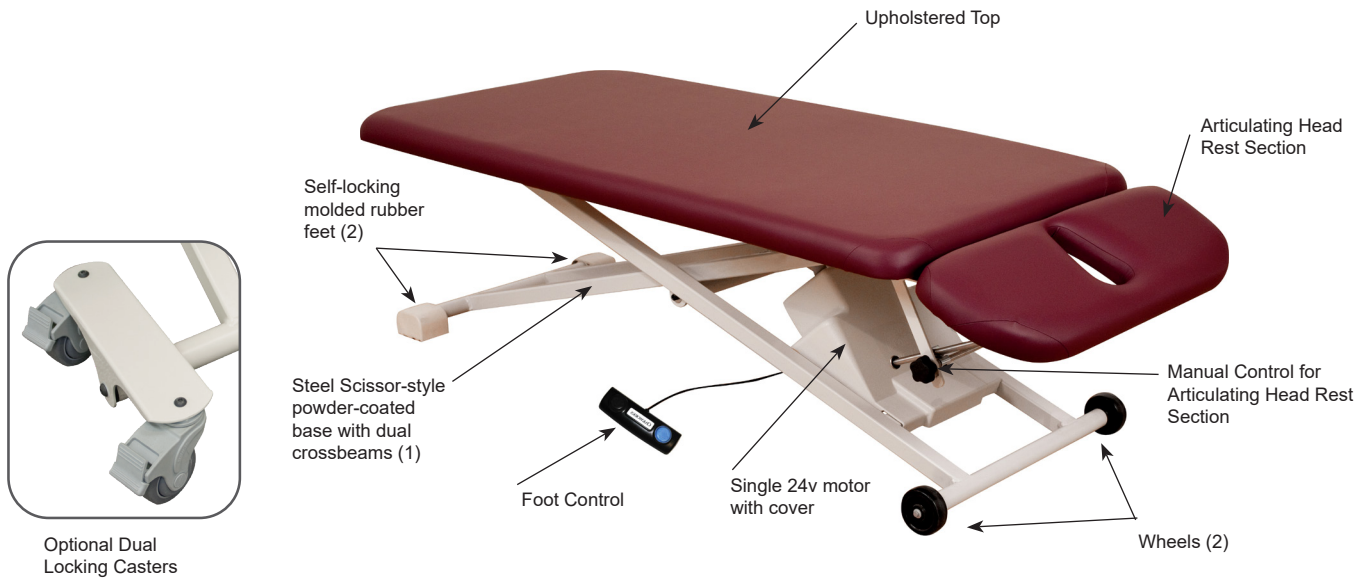


STANDARD SPECIFICATIONS	
Motion 1	Powered 16"-34" (40-86 cm.) Height Range
Motion 2	Manual 55° to -40° Articulating Head Rest
Foot Control	Height Motion
Table Voltage Options	120V/60Hz or 230V/50Hz
Table Capacity	550 lbs. (250 kg.) (patient and accessories)
Widths	29" (74 cm.)
Length - 2 Section top	58" (147 cm.) Seat section 19" (48 cm.) Head Rest
Padding	1.75" (4.4 cm.) Firm Response <i>OR</i> 2.5" (6.4 cm.) Comfort Foam
Table Weight*	165 lbs. (75 kg.)
OPTIONS	
Dual Locking Casters	
2 Button Hand Control	
Second Foot Control	

For electrical specs, see Specifications section.

PRODUCT DESCRIPTION

PT250



STANDARD SPECIFICATIONS	
Motion 1	Powered 16"-34" (40-86 cm.) Height Range
Motion 2	Manual 40° to -90° Articulating Head Rest
Foot Control	Height Motion
Table Voltage Options	120V/60Hz or 230V/50Hz
Table Capacity	550 lbs. (250 kg.) (patient and accessories)
Widths	27", 29" or 31" (69cm., 74 cm., 79 cm.)
Length - 2 Section top	62" (157 cm.) Seat section 10" (25 cm.) Head Rest
Padding	1.75" (4.4 cm.) Firm Response <i>OR</i> 2.5" (6.4 cm.) Comfort Foam
Table Weight*	151 lbs. (68 kg.)
OPTIONS	
Dual Locking Casters	
2 Button Hand Control	
Second Foot Control	

For electrical specs, see Specifications section.

PRODUCT DESCRIPTION

PT300



STANDARD SPECIFICATIONS			
Motion 1	Powered 16"-34" (40-86 cm.) Height Range	Motion 3	Manual 40° to -90° Articulating Head Rest
Motion 2	Manual 0° - 90° Fowler Backrest	Foot Control	Height Motion
Padding	1.75" (4.4 cm.) Firm Response OR 2.5" (6.4 cm.) Comfort Foam	Widths	27", 29" or 31" (69cm., 74 cm., 79 cm.)
Table Voltage Options	120V/60Hz or 230V/50Hz	Length - 3 Section top	39" (99 cm.) Fowler Backrest
Table Capacity	550 lbs. (250 kg.) (patient and accessories)		23" (28 cm.) Seat section
Table Weight*	160 lbs. (73 kg.)		10" (25 cm.) Head Rest
OPTIONS			
Dual Locking Casters		Second Foot Control	
2 Button Hand Control		(1) or (2) Side Rails (31" width only)	

For electrical specs, see Specifications section.

PRODUCT DESCRIPTION

PT400

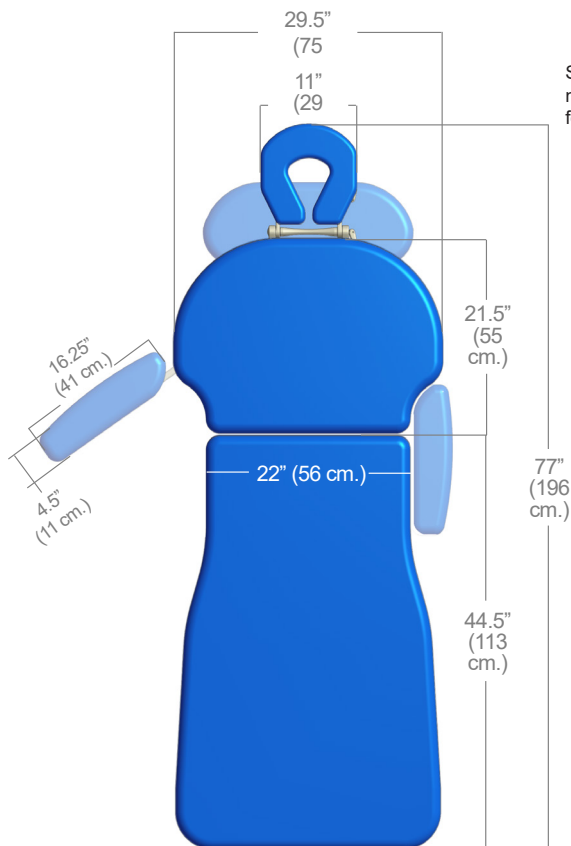


STANDARD SPECIFICATIONS			
Motion 1	Powered 17"-34" (43-86 cm.) Height Range	Motion 3	Manual 0° - 82° Fowler Backrest
Motion 2	Powered 0° to 45° Center Break	Motion 4	Manual 47° to -92° Articulating Head Rest
Padding	1.75" (4.4 cm.) Firm Response <i>OR</i> 2.5" (6.4 cm.) Comfort Foam	Widths	27", 29" or 31" (69cm., 74 cm., 79 cm.)
Foot Control	All powered motions	Length - 3 Section top	38" (97 cm.) Fowler Backrest
Table Voltage Options	120V/60Hz or 230V/50Hz		22" (56 cm.) Seat section
Table Capacity	550 lbs. (250 kg.) (patient and accessories)	Table Weight*	10" (25 cm.) Head Rest
			198 lbs. (90 kg.)
OPTIONS			
Dual Locking Casters		2 Button Hand Control	

For electrical specs, see Specifications section.

PRODUCT DESCRIPTION

PT400M



Shown with accessories;
Rotating Arm Rests & Extension Pad



Optional Dual
Locking Casters

STANDARD SPECIFICATIONS			
Motion 1	Powered 17"-34" (43-86 cm.) Height Range	Foot Control	All powered motions
Motion 2	Powered 0° to 45° Center Break	Widths	29.5" (75 cm.)
Padding	1.75" (4.4 cm.) Firm Response <i>OR</i> 2.5" (6.4 cm.) Comfort Foam <i>OR</i> 4" (10 cm.) Comfort Foam	Length - Contoured 2 Section top	44.5" (113 cm.) Foot end 21.5" (55 cm.) Chest section
Table Voltage Options	120V/60Hz or 230V/50Hz	Table Weight*	186 lbs. (84 kg.)
Table Capacity	550 lbs. (250 kg.) (patient and accessories)	QuickLock Platform & Boiance Face Pad	for both prone and supine positioning
OPTIONS		ACCESSORIES	
Dual Locking Casters		PT400M - Rotating Arm Rests (2)	
Hand Control - 4 Button		PT400M - Shelf Bracket	
Second Foot Control		PT400M - Extension Pad	

For electrical specs, see Specifications section.

PRODUCT DESCRIPTION

Orthopedic Hi-Lo Casting Table



STANDARD SPECIFICATIONS

Motion 1	Powered 17"-35" (43-89 cm.) Height Range	Motion 3	Manual 10° to -90° Articulating Casting Section
Motion 2	Manual 0° - 90° Fowler Backrest	Foot Control	Height Motion
Padding	1.75" (4.4 cm.) Firm Response <i>OR</i> 2.5" (6.4 cm.) Comfort Foam	Widths	31" (79 cm.)
Table Voltage Options	120V/60Hz or 230V/50Hz	Length - 3 Section top	38" (97 cm.) Fowler Backrest 22" (56 cm.) Seat section 10" (25 cm.) Casting section
Table Capacity	550 lbs. (250 kg.) (patient and accessories)	(1) Side Rail (specify side location)	for extra security and stability for patients
Table Weight*	165 lbs. (75 kg.)		

OPTIONS

Dual Locking Casters	Second Side Rail
Hand Control	

For electrical specs, see Specifications section.

INSTALLATION

The Tables come completely assembled and ready to use. Plug the cord into a functioning outlet that is rated for the table. (See Grounding below)

Arrange the power cord and control cords so that they will not create a tripping hazard and where the controls are located to your liking and are conveniently accessible.

Be sure access to plug is not blocked for disconnecting the table from power.

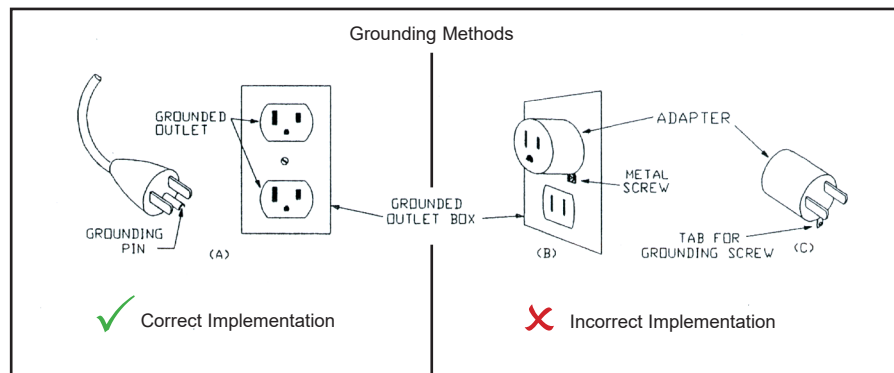
GROUNDING



DANGER

Risk of Electric Shock - Connect this furnishing to a properly grounded outlet only.

This product must be grounded. If it should malfunction or break down, grounding provides a path of least resistance for electrical current to reduce the risk of electric shock. This product is equipped with a cord having an equipment-grounding conductor and a grounding pin. The pin must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances. See U.S. sample below.



Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or service person if you are in doubt as to whether the product is properly grounded. Do not modify the plug provided with the product - if it will not fit the outlet; have a proper outlet installed by a qualified electrician.

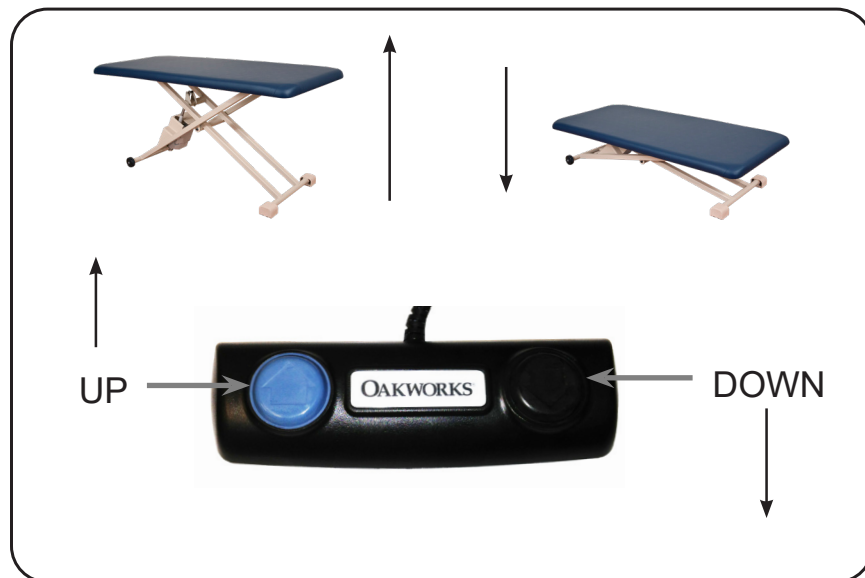
DIRECTIONS FOR USE

CONTROL OPERATIONS - ALL TABLES (EXCEPT PT400 & PT400M)

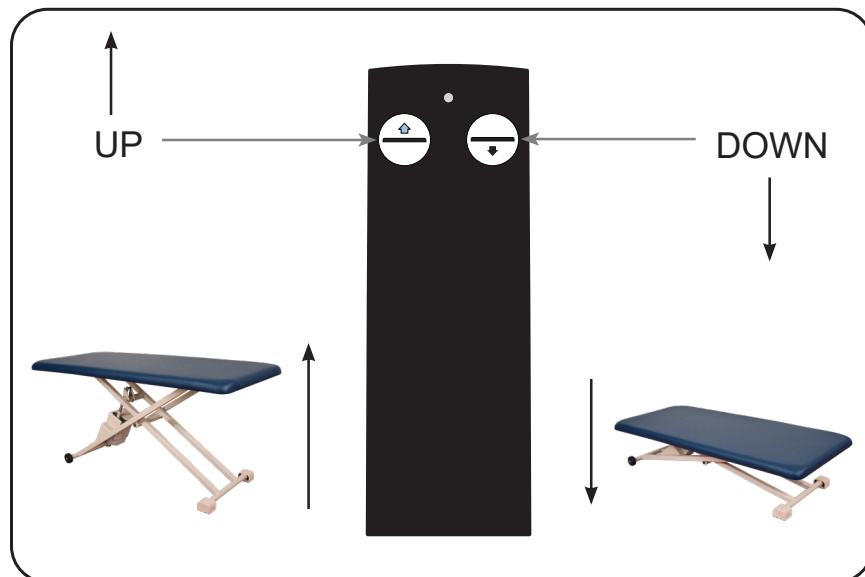
 **CAUTION** Be sure the self-locking molded rubber feet are flat side down to ensure safety and stability.

The tables offer height positioning with electronic ease. Operate the Foot control and Optional Hand Control as shown below to raise or lower the height of the table.

FOOT CONTROL OPERATION



HAND CONTROL OPERATION (OPTIONAL)



DIRECTIONS FOR USE

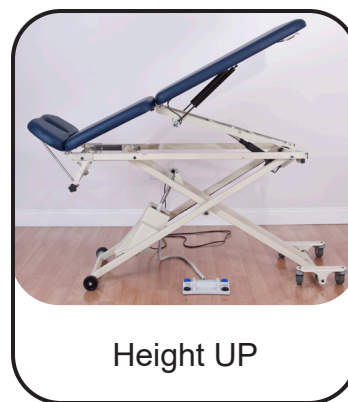
FOOT CONTROL OPERATIONS - PT400 & PT400M TABLES ONLY



CAUTION

DO NOT sit or stand on the articulating head rest section. Be sure the self-locking molded rubber feet are flat side down to ensure safety and stability.

The OAKWORKS® PT400 and PT400M tables offer height and center break positioning with electronic ease. Operate the Foot control as shown below to raise or lower the height and center break functions of the table.



DIRECTIONS FOR USE

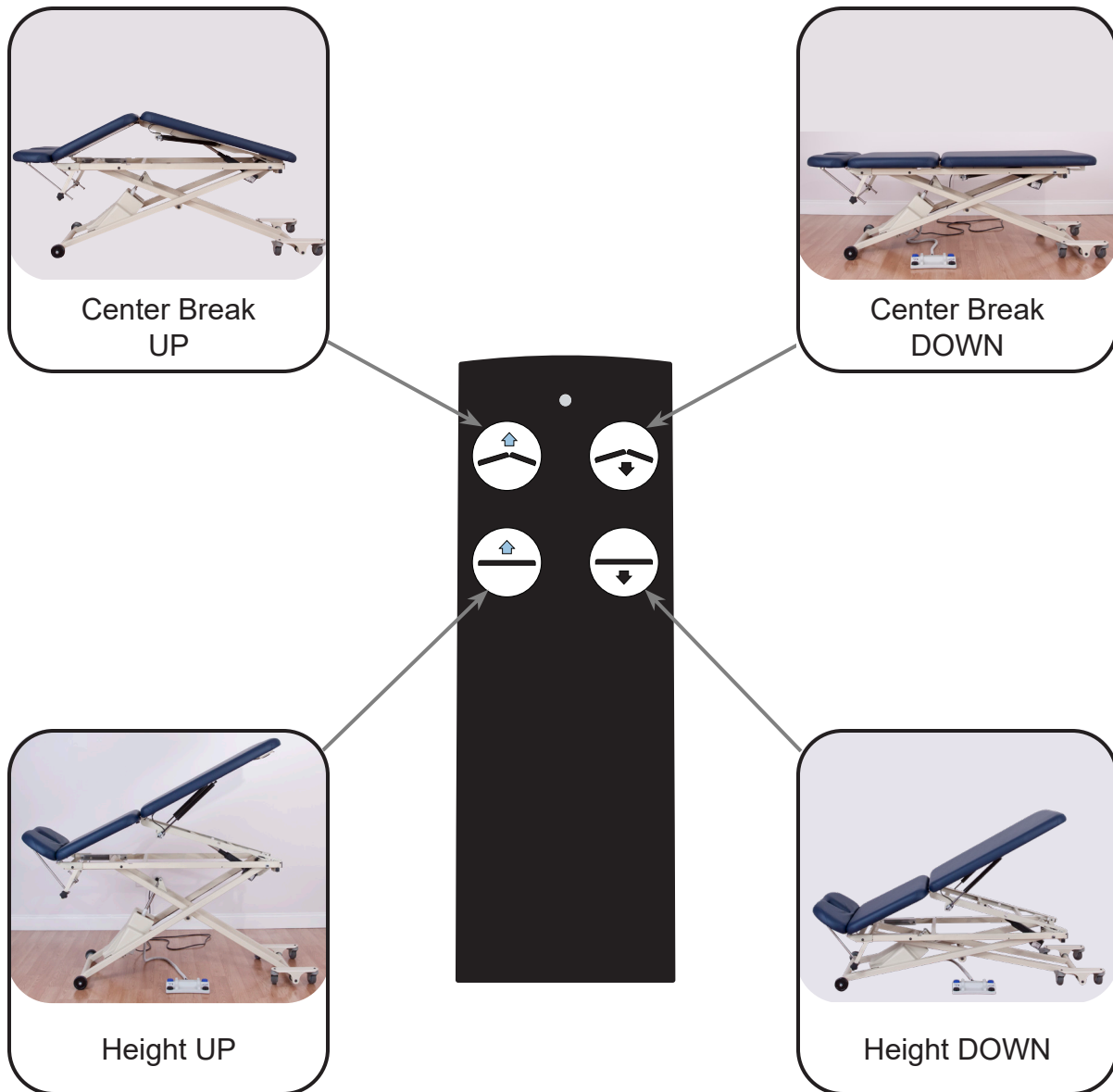
HAND CONTROL OPERATIONS - PT400 & PT400M TABLES ONLY



CAUTION

DO NOT sit or stand on the articulating head rest section. Be sure the self-locking molded rubber feet are flat side down to ensure safety and stability.

The OAKWORKS® PT400 and PT400M tables offer height and center break positioning with electronic ease. Operate the Optional Hand control as shown below to raise or lower the height and center break functions of the table.



DIRECTIONS FOR USE

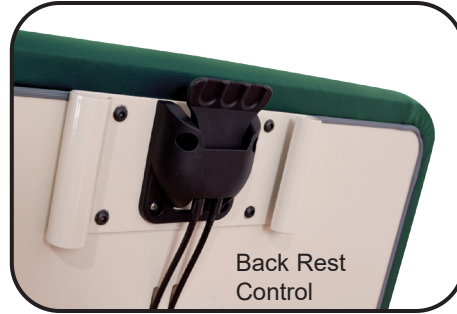
ADJUSTING THE BACK REST SECTION

 **CAUTION** Do not sit on the Backrest section.



TO RAISE THE BACKREST:

Raise the back rest by pressing the lever under the head section and lifting up to the desired height. It is recommended that clients take some of their weight off the back rest while you lift.



TO LOWER THE BACKREST:

Press the lever under the head section and push the back rest down.

OPTIMAL POSITIONING FOR PT400 TABLES

Dr. Robert DuVall demonstrates the features of the PT400 table.



Scan this QR code with your smart-phone or visit www.oakworksmed.com to view the PT400

Watch the video!

Dr. Robert DuVall,
PT, DHSc, ATC, OCS, SCS, FAAOMPT
CSCS

At the Oakworks® factory



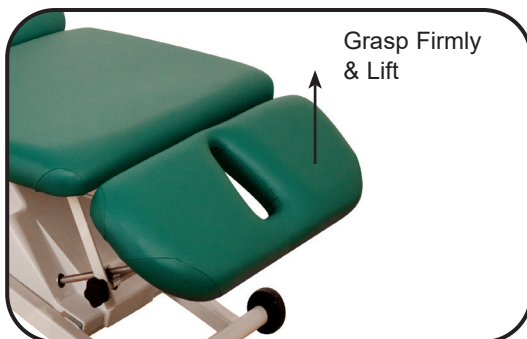
DIRECTIONS FOR USE

ARTICULATING HEAD REST USE



CAUTION

Do not sit or stand on the articulating head rest section. Do not use Head Rest Section in assisting the client on or off the table.



TO RAISE THE HEAD REST

Grasp the edge of the section and lift up until you have achieved the angle needed. Release and it will lock into place automatically.



TO LOWER THE HEAD REST:

Twist and hold the knob under the head rest and push the head rest down. Release the knob and the head rest will stay in place.

SIDE RAIL USE



TO LOWER SIDE RAILS

Push side rail in lightly towards the center of the table, then push locking knob down towards the table base. Fold side rails down and under the table.



TO RAISE SIDE RAILS

Grasp side rail and rotate to the raised position. When fully up, the side rail will lock into position. Check that the rail is locked by applying light outward pressure.

DIRECTIONS FOR USE

PT400M - ROTATING ARM RESTS USE



Be sure to install the arm rest on the correct side of the table. The arm rest will contour to the table top as shown.



Screw the Arm Rests into the pre-drilled hole on the under side of each side of the table.



Adjust the Arm Rests as needed for support and patient access.

PT400M - REMOVABLE EXTENSION PAD USE

EXTENSION PAD USED AS A LOWERED ARM REST



Screw the Extension Pad Attachment Bracket into the head end of the table using the pre-drilled hole. Be sure to angle the bracket as shown above.



Insert the Extension Pad dowels into the bracket.



Insert the QuickLock™ Face Rest platform dowels into the Accessory Mounting Plate that is attached to the table.



Adjust the Face Rest and Pad as needed.

EXTENSION PAD USED AS A TABLE EXTENDER



DIRECTIONS FOR USE

MOVING THE TABLE



CAUTION

Before moving any of the Tables, disconnect the power cord from the power outlet. The table weighs as much as 200 lbs. (91 kg.) Use extreme caution when lifting the table to move it. Two people are required to move the table safely. DO NOT use the table to transport a patient.

The tables are equipped with two wheels at one end and two self-locking, molded rubber feet at the other. When ready to move the table, first lower the table to its lowest position. On models with a back rest, it is recommended to raise the back rest to a high position. Then be sure the power source is disconnected. Place the cord & all controls out of the way on top of your table before moving the table. Lay a towel or a cloth down on your table top to protect the surface from any debris from the bottom of your foot control.

Two people are required to safely move the table. Grasp the table frame securely at the end with the molded rubber feet. Raise the table to allow the wheels at the foot end to move freely. Bending at the knees before lifting to prevent back strain or possible injury.



Grasp the table frame securely here at both sides of the brace.

Move the table carefully to the next location, lower the table and release. Check the self-locking molded rubber feet to be sure they are flat side down. This position “locks” the table and allows sturdy height adjustments. Place the foot controls in position on the floor. Connect the power cord to the outlet and test the foot control.

DUAL LOCKING CASTERS USE

All casters should be locked at all times during use with a patient.



LOCKING THE CASTERS

1. Place your shoe on the end of the casters locking tab.
2. Press firmly downward until you hear a clicking noise and the caster is locked.



UN-LOCKING THE CASTERS

1. Place your shoe on top of the casters locking tab.
2. Press firmly inward and downward until you hear a clicking noise and the caster is unlocked.

DIRECTIONS FOR USE

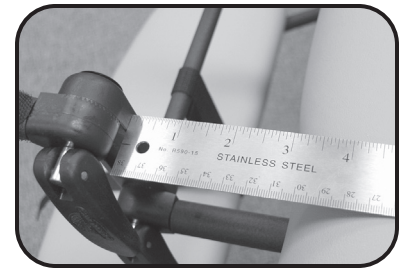
QUICKLOCK FACE REST



CAUTION

Do not put excessive weight or pressure on the Quicklock Face Rest. Do not extend the dowels of the Quicklock Face Rest 3" (7.6 cm.) from the Fowler (Backrest) section.

Double articulating action provides nearly limitless positioning options with the QuickLock™ Face Rest. The adjustable pad takes pressure off sensitive facial areas while providing superb support. The QuickLock™ Face Rest can be used in both prone and supine positioning and folds out of the way when not in use. Adjustments are made easily by loosening the cam locks, adjusting for height and angle and then locking the cam locks into the desired position.



Important Safety Note:
Maximum Distance from edge of Table = 3" (7.6 cm.)



Insert dowels into Accessory attachment outlets.



Loosen Cam Locks & adjust face rest into place.



Tighten the Cam Locks.



The Face Rest can be used for either prone or supine positioning.

CLEANING & DISINFECTION

RECOMMENDED CLEANERS/DISINFECTANTS



DANGER

To reduce the risk of electric shock:

- Always unplug this furnishing from the electrical outlet before cleaning.

Reference the Recommended Cleaners and Disinfectant list (MMINML0008-EN) that came with the table. This information can also be found at www.oakworksmed.com under product information.

All cleaners and disinfectants have the ability to degrade the upholstery to some extent. However, following the recommended cleaner and disinfectant list and cleaning process will provide the best care for your table and support a long product life.

OAKWORKS® recommends a prepackaged wipe for cleaners/disinfectants to ensure best distribution of disinfectant for the required kill time, without leaving excess residue and/or overexposing components therefore minimizing the potential for damage to materials. Please read and follow disinfectants manufacturers' directions for cleaning and disinfection.

OAKWORKS® does NOT recommend the use of cleaners/disinfectants containing Hydrogen Peroxide, Acetic Acid, or Phenolics. These chemicals can cause damage to the appearance and/or material integrity of various components. Also, while the recommended cleaners/disinfectants list includes products containing Quaternary Ammonium compounds ("quats"), not all products containing quats are approved for use. Some contain additional detergents and/or surfactants which can damage some materials.

A note on Bleach: While a 10% sodium hypochlorite (household bleach) solution (EPA No.: 5813-100 or equivalent) can be an effective disinfectant and is dilute enough to be benign to most materials, it alone is not an effective cleaner and a separate product must be used for the initial cleaning steps of the procedure. Because of possible chemical incompatibilities between various cleaning products and bleach, utmost care must be taken by the user to avoid potential exposure to harmful or toxic by-products of the combination. Also, because bleach leaves a potentially corrosive residue as it evaporates, it must be rinsed with clean water after disinfection.

Use of non-approved cleaners or disinfectants may lead to damage to upholstery and other materials found on the table and will void the warranty.

CLEANING PROCESS

Follow the cleaners/disinfectant manufacturers' directions for use. Please note that cleaning and disinfecting an OAKWORKS® table is a two part process. First it must be cleaned of any visible soil, then it can be disinfected. OAKWORKS® recommends that the table be positioned in the flat position during the cleaning process. Please follow this procedure for best results:

1. Using an approved cleaner or mild liquid soap and water, clean any visible soil off of the table, working from the top to the bottom of the table. It is recommended that the upholstery be cleaned at least once a week to prevent disinfectant build up.
2. Rinse with clean water and dry with a clean cloth or towel.
3. Using an approved disinfectant, thoroughly disinfect all surfaces of the tabletop and any high-contact areas such as handles, handsets, etc., making sure they remain wet for the disinfectant manufacturer's recommended contact time. Do not allow disinfectant to pool on the upholstery after the recommended contact time.
4. Wipe off any excess liquid with a cloth or towel and clean water.
5. Dry all surfaces with a clean cloth or towel.

Avoid using writing instruments or other similar instruments around the upholstery as it can cause permanent staining. If this does occur, do not wipe with an alcohol based cleaner. Instead, blot the stain with a clean cloth/ paper towel. Use a 10% bleach dilution to remove the stain. Follow this with a rinse of clean water.

INSPECTIONS / WARRANTY

INSPECTIONS

RECOMMENDED REGULAR INSPECTIONS (monthly or local standard)

- Check for damage to the power, hand control(s) and foot control(s) on all cables.
- Visually inspect components for obvious damage that could cause problems during operation.

RECOMMENDED PERIODIC INSPECTIONS (yearly or local standard)

- Check for damage to the power, hands control and foot control cables and all visible wiring.
- Visually inspect components for obvious damage that could cause problems during operation.
- Check all mechanical functions using the hand control. Repeat using the foot control. Check for abnormal noises.
- Check that all fasteners are present and fastened securely.
- Check table grounding.
- Clean unusual buildup of dirt on the table and/or parts of the table not normally cleaned on a regular basis.
- Check for tears or cracks in the upholstery.

WARRANTY

View complete warranty details at www.oakworks.com

MODEL NUMBER & SERIAL NUMBER


PT SERIES



The model number and serial number are located on the underside of the foot section.


Model Number Serial Number

Proluxe, PX & PT Series Tables and EC Chairs





16796025 PXSLA3311873ACTTVN Ser#: PXR563146
US G2 30 x 22-38 x 72 3M/TT/2S
TTSKYBLUE 01/04/2013 Order#:654321
Notes: Sample Product Label



120V~ 60Hz
2.0 Amps Max

 CONFORMS TO:
ANSI/AAMI
STD E560601-1
IEC STD 60601-1-6
Certified to
CAN/CSA STD
C22.2 No. 60601-1
Intertek
3034177

230V~ 50/60Hz
 1.0 Amps Max
 2.0 Amps Max
 2.1 Amps Max
 3.0 Amps Max

 **OAKWORKS, Inc.**
923 East Wellspring Rd.
New Freedom, PA 17349 USA
Phone: 717-235-6807
www.oakworks.com

 made in the USA
with US sourced parts

Class 1 Equipment
Duty Cycle:
MAX 2 minutes ON
18 minutes OFF

Part No. CN10537-9 - Rev.2

Model Numbers and Serial Numbers always start with a letter.

SPECIFICATIONS



PRODUCT SPECIFICATIONS

Table Weights:	151-202 lbs. (68-92 kg.)
Lifting Capacity	550 lbs. (250 kg.)

ENVIRONMENTAL CONDITIONS

Conditions	Temperature	Humidity	Atmospheric Pressure
Normal Use	50° (10°C) to 104° (40°C)	20% to 60% RH	98 to 105 kPa
Storage & Transport	-20° (-29°C) to 135° (57°C)	20% to 95% RH	98 to 105 kPa

ELECTRICAL SPECIFICATIONS

Designed for:	North America	Europe
Input Service	120 VAC/15 amp/60 Hz	230 VAC/10 amp/50/60 Hz
Current Draw	2.7 amps	1.5 amps
Maximum Momentary Current Consumption	9.0 amps	5.0 amps
Voltage Output to Actuators	24 VDC	24 VDC
Electric Shock Protection	Class 1 Equipment	Class 1 Equipment
Tabletop Applied Part	 Type B Applied Part	 Type B Applied Part
Ingress Protection Rating	IPX0	IPX0
Made of Operation	Intermittent Operation MAX 2 minutes ON 18 minutes off	Intermittent Operation MAX 2 minutes ON 18 minutes off

SPECIFICATIONS

Guidance and manufacturer's declaration - electromagnetic emissions

The table is intended for use in the electromagnetic environment specified below. The customer or the user of the table should assure that it is used in such an environment.

Emissions Test	Compliance	Electromagnetic environment - guidance
RF emissions CISPR 11	Group 1	The table uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.
RF emissions CISPR 11	Class B	The table is suitable for use in all establishments other than domestic and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes.
Harmonic emissions IEC 61000-3-2	Class A	
Voltage fluctuations / flicker emissions IEC 61000-3-3	Complies	

Recommended separation distances between portable and mobile RF communications equipment and the table

The table is intended for use in the electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of the table can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the table as recommended below, according to the maximum output of the communications equipment.

Rated maximum output power of transmitter W	Separation distance according to frequency of transmitter (m)		
	150 kHz to 80 MHz $d = 1.2 \sqrt{P}$	80 MHz to 800 MHz $d = 1.2 \sqrt{P}$	800 MHz to 2.5 GHz $d = 2.3 \sqrt{P}$
0.01	0.12	0.12	0.23
0.1	0.38	0.37	0.73
1	1.2	1.2	2.3
10	3.8	3.8	7.8
100	12	12	23

For transmitters rated at a maximum output power not listed above, the recommended separation distance d in meters (m) can be estimated using the equation applicable to the frequency of the transmitter, where P is maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer.

NOTE 1 At 80 MHz and 800 MHz, the separation distance for the higher frequency range applies.

NOTE 2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.


SPECIFICATIONS

Guidance and manufacturer's declaration - electromagnetic immunity			
The table is intended for use in the electromagnetic environment specified below. The customer or the user of the table should assure that it is used in such an environment.			
Immunity Test	IEC 60601 test level	Compliance level	Electromagnetic environment - guidance
Electrostatic discharge (ESD) IEC 61000-4-2	±6 kV contact ±8 kV air	±6 kV contact ±8 kV air	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30 %.
Electrical fast transient/burst IEC 61000-4-4	±2 kV for power supply lines ±1 kV for input/output lines	±2 kV for power supply lines ±1 kV for input/output lines	Mains power quality should be that of a typical commercial or hospital environment.
Surge IEC 61000-4-5	±1 kV differential mode ±2 kV common mode	±1 kV differential mode ±2 kV common mode	Mains power quality should be that of a typical commercial or hospital environment.
Voltage dips, short interruptions and voltage variations on power supply input lines IEC 61000-4-11	<5 % UT (>95 % dip in UT) for 0,5 cycle 40 % UT (60 % dip in UT) for 5 cycles 70 % UT (30 % dip in UT) for 25 cycles <5 % UT (>95 % dip in UT) for 5 sec	<5 % UT (>95 % dip in UT) for 0,5 cycle 40 % UT (60 % dip in UT) for 5 cycles 70 % UT (30 % dip in UT) for 25 cycles <5 % UT (>95 % dip in UT) for 5 sec	Mains power quality should be that of a typical commercial or hospital environment. If the user of the table requires continued operation during power mains interruptions, it is recommended that the table be powered from an uninterruptible power supply or a battery.
Power frequency (50/60 Hz) magnetic field IEC 61000-4-8	3 A / m	3 A / m	Power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercial or hospital environment.
NOTE U _T is the a.c. mains voltage prior to application of the test level.			

SPECIFICATIONS

Guidance and manufacturer's declaration - electromagnetic immunity

The table is intended for use in the electromagnetic environment specified below. The customer or the user of the table should assure that it is used in such an environment.

Immunity Test	IEC 60601 test level	Compliance level	Electromagnetic environment - guidance
<p>Conducted RF IEC 61000-4-6</p> <p>Radiated RF IEC 61000-4-3</p>	<p>3 Vrms 150 kHz to 80 MHz</p> <p>3 V/m 80 MHz to 2,5 GHz</p>	<p>3Vrms</p> <p>3V/m</p>	<p>Portable and mobile RF communications equipment should be used no closer to any part of the table, including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter.</p> <p>Recommended separation distance</p> <p>$d = 1.2 \sqrt{P}$</p> <p>$d = 1.2 \sqrt{P}$ 80 MHz to 800 MHz $d = 2.3 \sqrt{P}$ 800 MHz to 2,5 GHz</p> <p>Where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer and d is the recommended separation distance in meters (m).</p> <p>Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey, ^ashould be less than the compliance level in each frequency range. ^b</p> <p>Interference may occur in the vicinity of equipment marked with the following symbol:</p> 

NOTE 1 At 80 MHz and 800 MHz, the higher frequency range applies.

NOTE 2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

^a Field strengths from fixed transmitters, such as base stations for radio (cellular/cordless) telephones and land mobile radios, amateur radio, AM and FM radio broadcast and TV broadcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in which the table is used exceeds the applicable RF compliance level above, the table should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as re-orienting or relocating the table

^b Over the frequency range 150 kHz to 80 MHz, field strengths should be less than 1 V/m.

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USER MANUAL

OAKWORKS® PT Tables

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Intertek

3034177

CONFORMS TO:
ANSI/AAMI STD ES60601-1
IEC STD 60601-1 3RD EDITION
IEC STD 60601-1-2 3RD EDITION
IEC STD 60601-1-6 3RD EDITION
CERTIFIED TO CAN/CSA STD C22.2 NO. 60601-1
CB TEST CERTIFICATE AND REPORT

Manual Part Number MMMNST0027-EN / Med-RA-PM-83

Revision level: 6

Revision Date: 10/08/2020

English, Printed in USA



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