

OAKWORKS®

Ultrasound Ergonomic Advantage (EA) Line Exam Tables

General 3 Section
(G3) Ultrasound EA
Table



General 2 Section
(G2) Ultrasound EA
Table



Women's Imaging
Ultrasound EA
Table



Multi-Specialty
Ultrasound EA
Table



Echocardiography
Ultrasound EA
Table



Vascular (V2)
Ultrasound EA
Table



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PRODUCT USE DESCRIPTION / IMPORTANT SAFETY INSTRUCTIONS

PRODUCT USE DESCRIPTION

The Ultrasound Exam Table is used to support a patient during examinations and procedures. It is 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.

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 and on product labels, indicates the potential of exposure to harmful x-rays. Be sure to read and comply with all warnings.



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 this manual or on product labels, indicates a Protective Earth (Ground) Terminal.



This symbol, when used in this manual and on product labels, indicates the name and address of the manufacturer.



This symbol, when used in this manual or on product labels, indicates the country of manufacture along with date of manufacture of the device next to it.



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



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



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



Sitting is prohibited in this area.

CONTRAINDICATIONS

There are no known contraindications to the use of this equipment.

IMPORTANT SAFETY INSTRUCTIONS



CAUTION READ AND SAVE THESE INSTRUCTIONS

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

The table is not to be used as a gurney or to transport a patient from room to room.

When the Vascular Foot Boards are in the lowered position, it is possible for them to hit the floor in low height or extreme reverse Trendelenburg conditions. Operate the table with the foot boards up if possible or remove them to avoid hitting the floor. If not, then monitor floor clearance to prevent damage.

Medical Electrical Equipment needs special precautions regarding EMC and needs to be installed and put into service according to the EMC information provided in this manual.

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. 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 standalone device used with handheld ultrasound probes. The 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 tabletop. It is the responsibility of the operator of this equipment to ensure that bystanders are not in the area below or around this equipment during operation. Proper operation of this equipment is very important for the safety of the operator, patient, and any other individuals around 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.

Be certain that the table is completely lowered prior to discharging an ambulatory patient. The patient may lose balance and fall.

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

Do not put excessive weight on Access / Back Panel(s). Maximum Capacity is 150 lbs (68 kg)

The powered Access / Back Panel(s) are not intended to lift a patient's weight. First roll the patient to the side, raise the panel, then roll the patient back against the panel.

Do not put excessive weight on the extended end (beyond the main top) of the cardio panel. Maximum capacity is 150 lbs (68 kg)

Make sure all parts of the patient's anatomy are clear of the sliding cardio panel when closing.

When lowering the table or using the Trendelenburg functions, make sure there is nothing underneath the tabletop that can impede motion (like stools, cabinets, accessory parts, cleaners, etc.).

Use this table 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 table is used near children, invalids, or disabled persons.

All motor actuators & lifting columns have a duty cycle of approximately 10%, meaning 2 minutes of operation within a 20-minute period. Exceeding this duty cycle can damage this equipment.

Do not position the table to make it difficult to operate the disconnection device.

Disposal of waste products, residues, etc., and of the table and accessories at the end of the expected service life are listed in the Med-RA-SM-261 Ultrasound Service Manual listed on www.oakworksmed.com.

IMPORTANT SAFETY INSTRUCTIONS



WARNING

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

1. Unplug from the electrical outlet before cleaning.
2. Unplug from the electrical outlet before adding or removing parts.
3. Never operate this device 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.

MISE EN GARDE LIRE ET CONSERVER CES INSTRUCTIONS

Le dossier et le repose-jambes Fowler ne sont pas conçus pour supporter le poids total du patient. Ne pas s'asseoir sur le dossier ou le repose-jambes Fowler.

La table ne doit pas servir de civière ni être utilisée pour transporter un patient de salle en salle.

Quand les repose-pieds vasculaires sont à leur position la plus basse, ils peuvent heurter le plancher dans des conditions de faible hauteur ou en inclinaison Trendelenburg inversée extrême. Dans la mesure du possible, faire fonctionner la table quand les repose-pieds sont relevés afin d'éviter qu'ils ne heurtent le plancher. Sinon, surveiller le dégagement au sol pour éviter tout dommage.

Les appareils électromédicaux nécessitent des précautions particulières concernant la compatibilité électromagnétique et doivent être installés et mis en service dans le respect des informations de compatibilité électromagnétique présentées dans ce manuel.

L'utilisation d'accessoires, de transducteurs et de câbles autres que ceux spécifiés par le fabricant peut entraîner une augmentation des émissions ou une diminution de l'immunité de la table.

La table ne doit pas être utilisée à côté d'autres équipements ou superposée à ceux-ci. Si une utilisation à côté d'autres équipements ou superposée à ceux-ci s'avère nécessaire, il faut observer la table afin d'en vérifier le bon fonctionnement dans la configuration utilisée.

La table est conçue pour être un dispositif autonome utilisé avec des sondes ultrasoniques portables. La table ne doit pas être modifiée ni incorporée à tout autre appareil.

Comme pour tout mécanisme mobile, des points de pincements potentiels se trouvent autour du dessus de la table et sous celui-ci. L'utilisateur de l'appareil est responsable de s'assurer qu'aucune personne ne se trouve dans la zone autour de cet appareil ou sous celui-ci pendant son fonctionnement. L'utilisation adéquate de cet appareil est très importante pour assurer la sécurité de l'utilisateur, du patient et de toute personne autour de l'appareil. Les consignes d'utilisation de cet appareil sont présentées dans ce manuel. L'utilisateur doit lire ces sections attentivement.

Limite de poids : (patient et accessoires) 550 lb / 250 kg. Ne pas la dépasser.

S'assurer que la table est complètement abaissée avant de laisser un patient ambulateur se lever. Il se peut que le patient perde l'équilibre et tombe.

Ce dispositif ne convient pas à une utilisation en présence d'un mélange anesthésique inflammable avec de l'air, de l'oxygène ou de l'oxyde d'azote.

Ne pas placer un poids excessif sur les panneaux d'accès ou panneaux arrière. La capacité maximale est de 150 lb (68 kg).

Les panneaux d'accès ou panneaux arrière à commande électrique ne sont pas destinés à soulever le poids d'un patient. Rouler d'abord le patient sur le côté, soulever le panneau, puis rouler le patient contre le panneau.

Ne pas placer un poids excessif sur l'extrémité étendue (au-delà du plan principal) du panneau cardio. La capacité maximale est de 150 lb (68 kg).

S'assurer que toutes les parties de l'anatomie du patient sont éloignées du panneau cardio coulissant lors de sa fermeture.

Au moment d'abaisser la table ou d'utiliser les fonctions de Trendelenburg, s'assurer qu'il n'y a rien sous la table qui puisse venir entraver le mouvement (tabourets, meubles, accessoires, produits d'entretien, etc.).

Utiliser cette table uniquement pour son utilisation prévue, comme elle est décrite dans ces instructions. Ne pas utiliser d'accessoires qui ne sont pas recommandés par le fabricant.

Une surveillance étroite doit être exercée lorsque cette table est utilisée près d'enfants ou de personnes invalides ou handicapées.

IMPORTANT SAFETY INSTRUCTIONS



MISE EN GARDE

Tous les actionneurs motorisés et toutes les colonnes de levage ont un cycle de service d'environ 10 %, soit 2 minutes de marche par période de 20 minutes. Le fait de dépasser ce cycle de service peut endommager l'appareil.

Ne pas positionner la table d'une façon qui nuise à l'utilisation facile du dispositif sectionneur.

La mise au rebut des déchets, des résidus, etc., et de la table et des accessoires à la fin de leur durée de vie prévue est détaillée dans le manuel de service Med-RA-SM-261 sur www.oakworksmed.com.



AVERTISSEMENT

Pour réduire le risque de brûlures, d'incendies, de chocs électriques ou de blessures :

1. Débrancher l'appareil de la prise électrique avant le nettoyage.
2. Débrancher l'appareil de la prise électrique avant d'ajouter ou de retirer des pièces.
3. Ne jamais utiliser cet appareil si un cordon ou une prise sont endommagés, s'il ne fonctionne pas correctement, s'il est tombé en panne ou endommagé, ou s'il est tombé dans l'eau. Contacter le service client de OAKWORKS® avant l'utilisation.
4. Tenir le cordon à l'écart de toutes surfaces chauffées.
5. Ne jamais laisser tomber ni insérer d'objet dans une ouverture.
6. Ne pas utiliser à l'extérieur.
7. Ne pas utiliser dans des endroits où des produits aérosols (en bombe aérosol) sont utilisés ou de l'oxygène est administré.

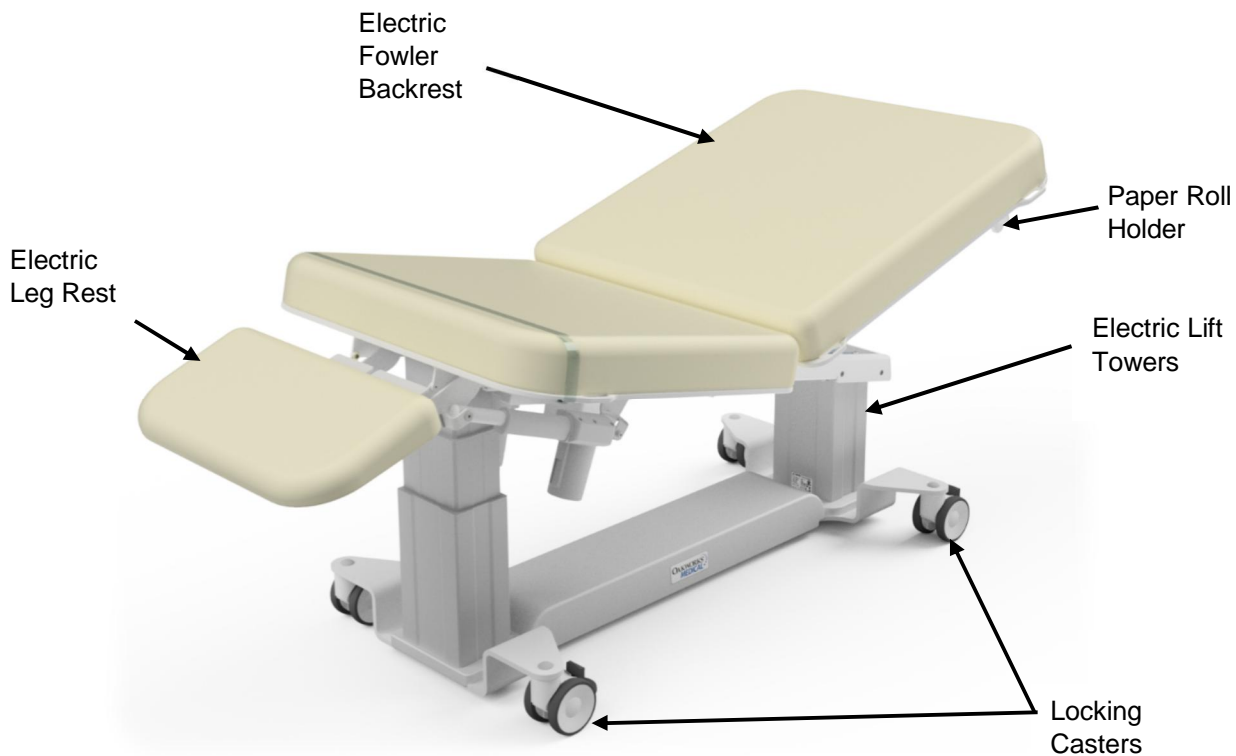


DANGER

Risque de choc électrique – Brancher cet appareil uniquement à une prise bien mise à la terre. Voir les instructions de mise à la terre dans ce manuel.

Risque de choc électrique. Le bloc d'alimentation et le module de contrôle sont situés sous le siège de la table. La boîte de contrôle ne contient aucune pièce pouvant être réparée par l'utilisateur. Confier l'entretien à du personnel qualifié. Débrancher l'appareil de la prise électrique avant de toucher à des câbles branchés à l'alimentation.

GENERAL 3 SECTION (G3) ULTRASOUND EA TABLE



STANDARD SPECIFICATIONS	
Motion 1	Electric 19"-33" (48.3-83.8 cm.) Height Range
Motion 2	Electric $\pm 18^\circ$ Trendelenburg/ Reverse with pause at level
Motion 3	Electric 0-75 $^\circ$ Fowler Backrest
Motion 4	Electric 0-90 $^\circ$ Leg Rest
Hand Control	All powered motions (see page 11)
Paper Roll Holder	up to 21" (53.3 cm.) rolls (not included) (see page 24)
Table Voltage	120V/60Hz or 230V/50Hz
Table Capacity	550 lbs. (250 kg.) (patient and accessories)
Widths	30" (76 cm.) or 26" (66 cm.), Leg Rest – 22" (56 cm.)
Length	Fowler – 34" (86 cm.), Seat – 26" (66 cm.), Leg Rest – 11" (28 cm.), Overall – 75" (190 cm.)
Casters	4" (10 cm.) diameter double wheel – locking (see page 24)
Padding	3" (8 cm.) Comfort Foam™, all pads are removeable for cleaning/ replacement (see page 24)
Table Weight	359 lbs. (163 kg.)
Options and Accessories	See page 23

GENERAL 3 SECTION (G3) EA CONTROLS

CAUTION

Do not sit on the Fowler Backrest or Leg Rest sections.
 Do not leave the patient unattended.
 When lowering the table or using the Trendelenburg functions, make sure there is nothing underneath that can impede motion.



Hand Control Operation:

Graphic Display- Displays the current Mode or Action.

Preset Buttons- Press and hold to adjust the table to preset positions.

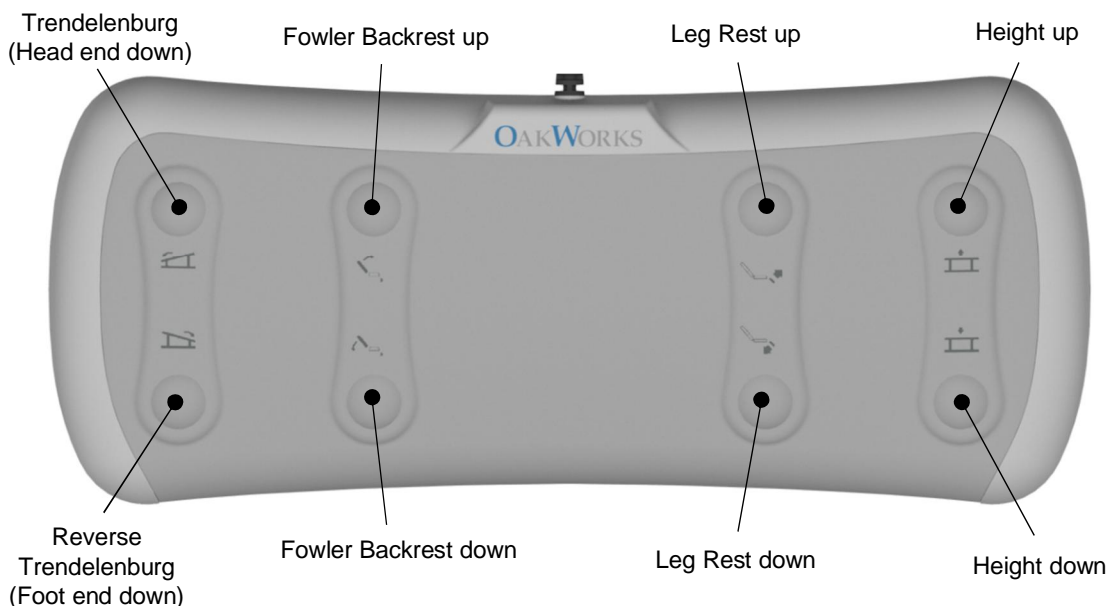
Action Buttons- Use with Mode buttons to adjust table motions.

Mode Buttons- Select a Mode using the indicated button, then press the Action button to move in the direction indicated on the display.

Trendelenburg Mode: Function will pause for 1 second when the table returns to level

Central Base Locking Button- Press to toggle between locked and unlocked as indicated on the display.

Foot Control Operation (option): Press and hold the corresponding button to adjust table motions indicated.



GENERAL 2 SECTION (G2) ULTRASOUND EA TABLE



STANDARD SPECIFICATIONS	
Motion 1	Electric 19"-33" (48.3-83.8 cm) Height Range
Motion 2	Electric $\pm 18^\circ$ Trendelenburg/ Reverse with pause at level
Motion 3	Electric 0-75 $^\circ$ Fowler Backrest
Hand Control	All powered motions (see page 13)
Paper Roll Holder	up to 21" (53.3 cm) rolls (not included) (see page 24)
Table Voltage	120V/60Hz or 230V/50Hz
Table Capacity	550 lbs. (250 kg) (patient and accessories)
Widths	30" (76 cm) or 26" (66 cm)
Length	Fowler – 34" (86 cm), Seat – 38" (97 cm), Overall – 72" (183 cm)
Casters	4" (10 cm) diameter double wheel – locking (see page 24)
Padding	3" (8 cm) Comfort Foam™, all pads are removeable for cleaning/ replacement (see page 24)
Table Weight	359 lbs. (163 kg)
Options and Accessories	See page 23

GENERAL 2 SECTION (G2) EA CONTROLS

CAUTION

Do not sit on the Fowler Backrest section.
 Do not leave the patient unattended.
 When lowering the table or using the Trendelenburg functions, make sure there is nothing underneath that can impede motion.



Hand Control Operation:

Graphic Display- Displays the current Mode or Action.

Preset Buttons- Press and hold to adjust the table to preset positions.

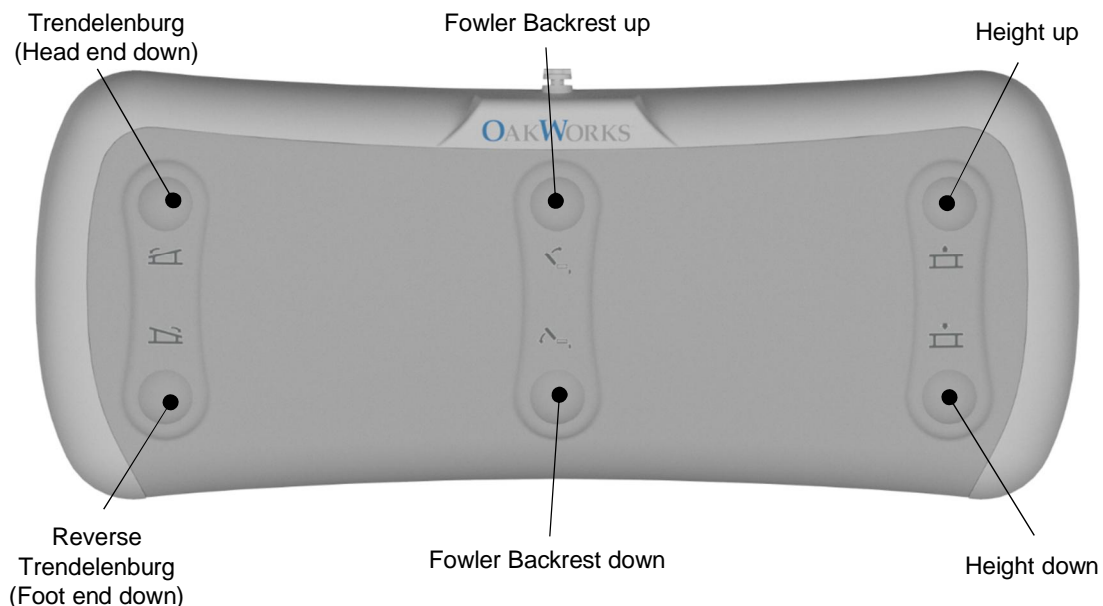
Action Buttons- Use with Mode buttons to adjust table motions.

Mode Buttons- Select a Mode using the indicated button, then press the Action button to move in the direction indicated on the display.

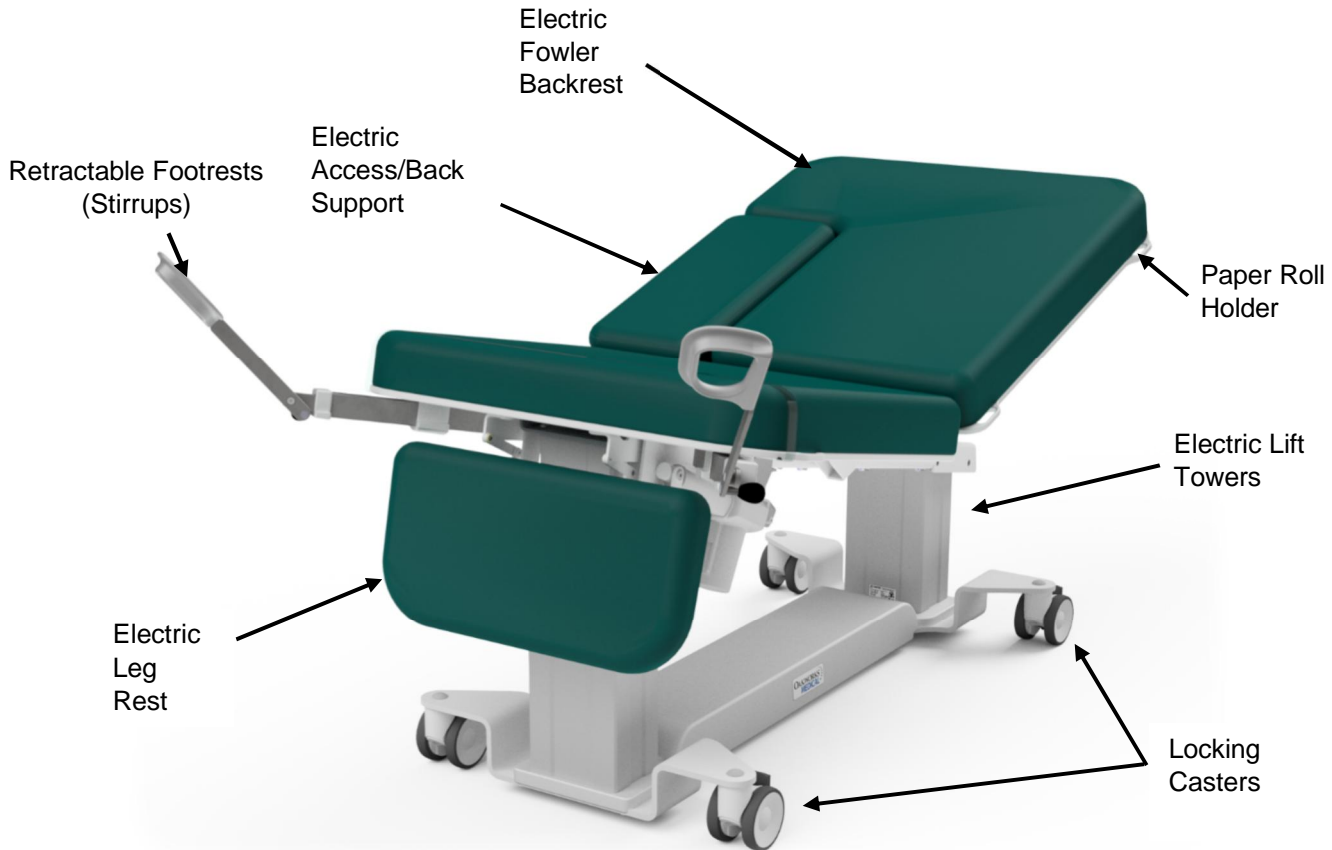
Trendelenburg Mode: Function will pause for 1 second when the table returns to level

Central Base Locking Button- Press to toggle between locked and unlocked as indicated on the display.

Foot Control Operation (option): Press and hold the corresponding button to adjust table motions indicated.



WOMEN'S IMAGING ULTRASOUND EA TABLE

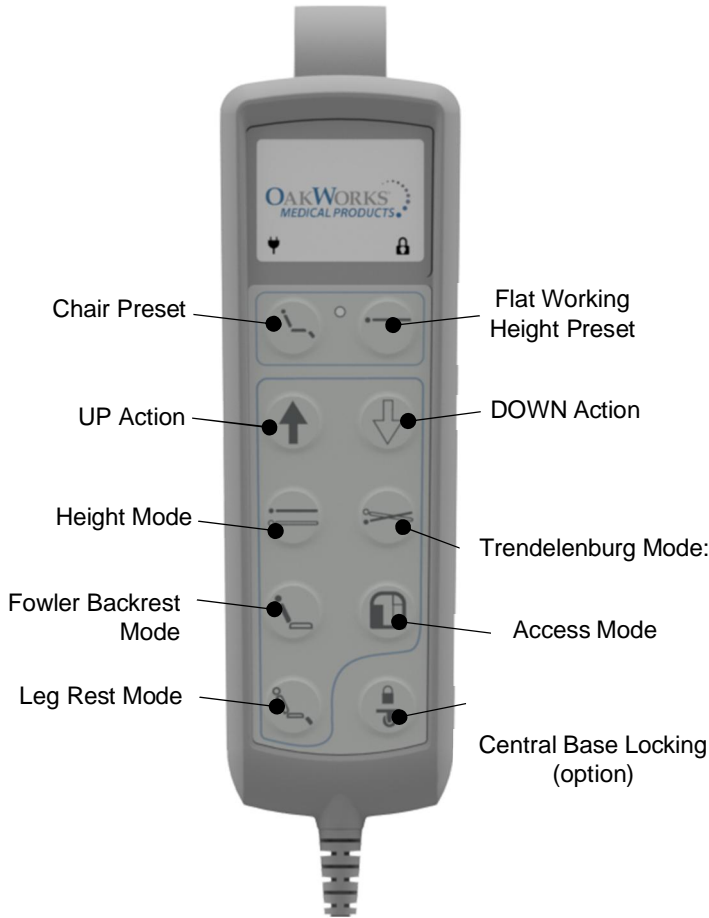


STANDARD SPECIFICATIONS	
Motion 1	Electric 19"-33" (48.3-83.8 cm.) Height Range
Motion 2	Electric $\pm 18^\circ$ Trendelenburg/ Reverse with pause at level
Motion 3	Electric 0-75° Fowler Backrest
Motion 4	Electric 0-90° Leg Rest
Right Access/Back Support	Electric 10"W (25cm) X 22"L (56cm) 0-75° Access/ Back support for patient positioning- right side (see page 25)
Retractable Footrests	Stow away under the seat, adjustable (see page 27)
Hand Control	All powered motions (see page 15)
Paper Roll Holder	up to 21" (53.3 cm.) rolls (not included) (see page 24)
Table Voltage	120V/60Hz or 230V/50Hz
Table Capacity	550 lbs. (250 kg.) (patient and accessories)
Widths	30" (76 cm.) Leg Rest – 22" (56 cm.)
Length	Fowler – 34" (86 cm.), Seat – 26" (66 cm.), Leg Rest – 11" (28 cm.), Overall – 75" (190 cm.)
Casters	4" (10 cm.) diameter double wheel – locking (see page 24)
Padding	3" (8 cm.) Comfort Foam™, all pads are removeable for cleaning/ replacement (see page 24)
Table Weight	359 lbs. (163 kg.)
Options and Accessories	See page 23

WOMEN'S IMAGING EA CONTROLS

CAUTION

Do not sit on the Fowler Backrest or Leg Rest sections.
 Do not leave the patient unattended.
 When lowering the table or using the Trendelenburg functions, make sure there is nothing underneath that can impede motion.



Hand Control Operation:

Graphic Display- Displays the current Mode or Action.

Preset Buttons- Press and hold to adjust the table to preset positions.

Action Buttons- Use with Mode buttons to adjust table motions.

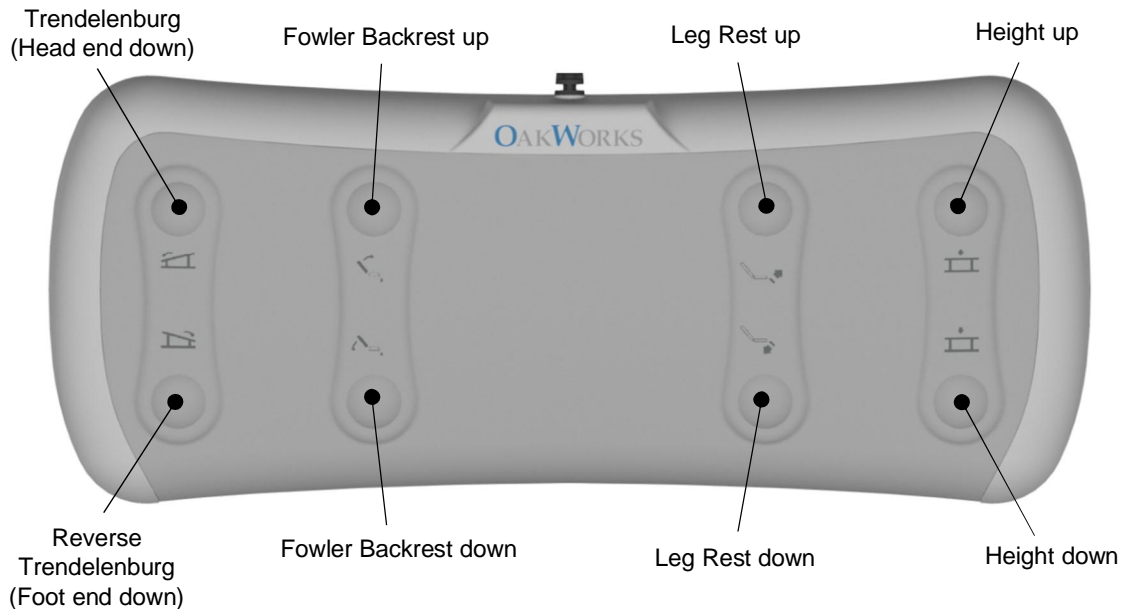
Mode Buttons- Select a Mode using the indicated button, then press the Action button to move in the direction indicated on the display.

Trendelenburg Mode: Function will pause for 1 second when the table returns to level

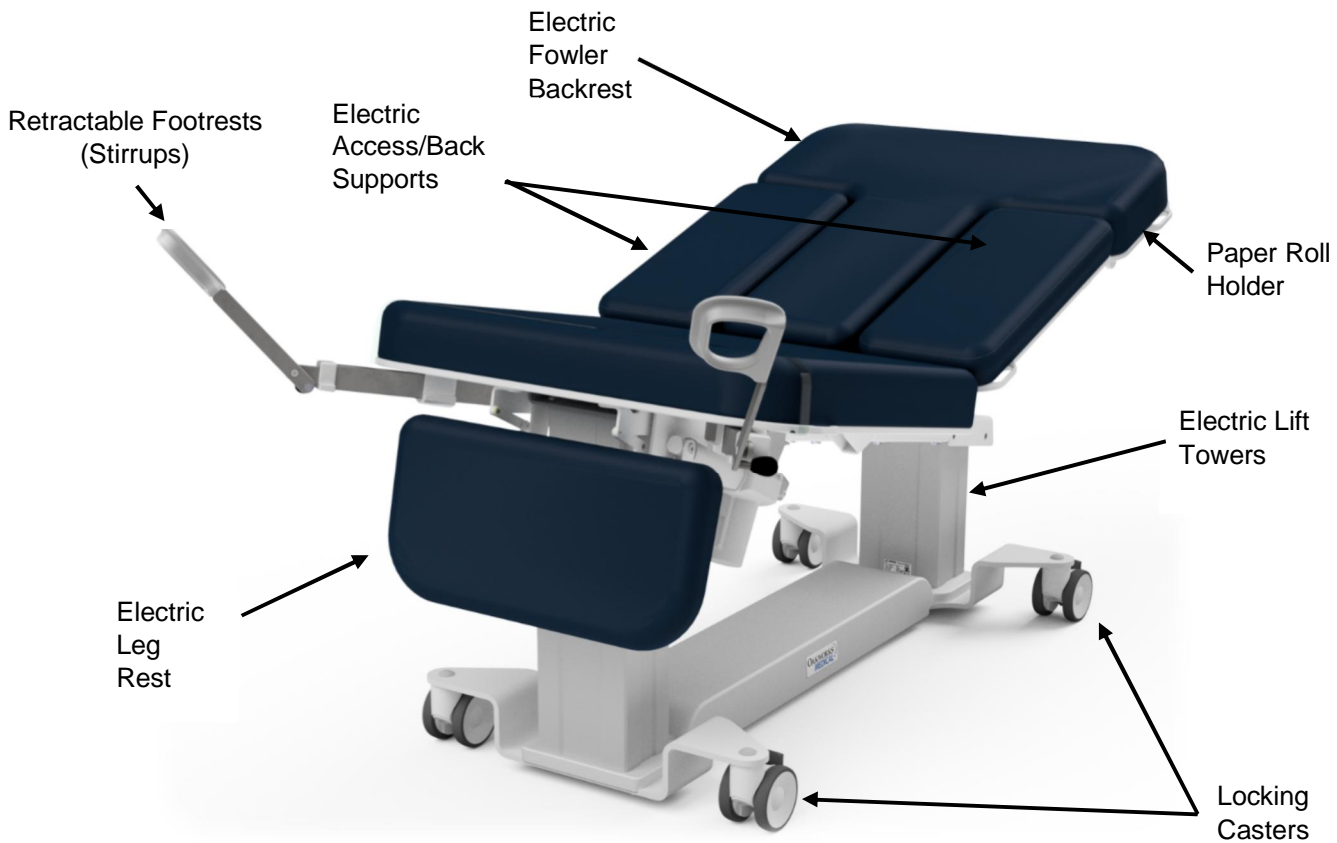
Access Mode- Press to toggle between right and left panels as indicated on the display, then use action buttons to move the panel in the direction indicated on the display.

Central Base Locking Button- Press to toggle between locked and unlocked as indicated on the display.

Foot Control Operation (option): Press and hold the corresponding button to adjust table motions indicated.



MULTI-SPECIALTY ULTRASOUND EA TABLE

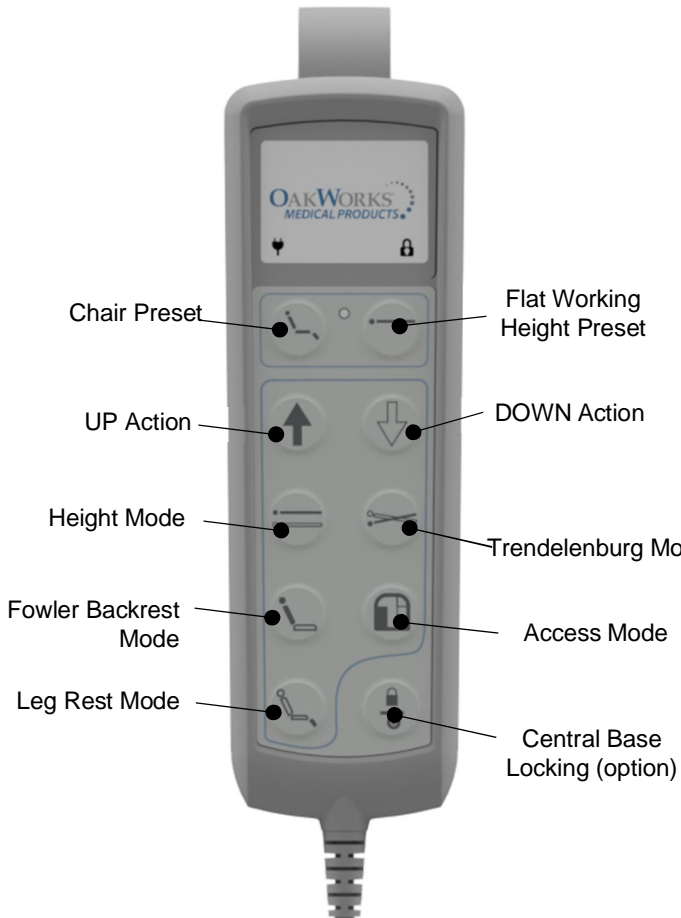


STANDARD SPECIFICATIONS	
Motion 1	Electric 19"-33" (48.3-83.8 cm.) Height Range
Motion 2	Electric $\pm 18^\circ$ Trendelenburg/ Reverse with pause at level
Motion 3	Electric 0-75 ^o Fowler Backrest
Motion 4	Electric 0-90 ^o Leg Rest
Access/ Back Supports	Electric 10"W (25cm) X 22"L (56cm) 0-75 ^o Access/ Back support for patient positioning- right & left side (see page 25)
Retractable Footrests	Stow away under the seat, adjustable (see page 27)
Hand Control	All powered motions (see page 17)
Paper Roll Holder	up to 21" (53.3 cm.) rolls (not included) (see page 24)
Table Voltage	120V/60Hz or 230V/50Hz
Table Capacity	550 lbs. (250 kg.) (patient and accessories)
Widths	30" (76 cm.) Leg Rest – 22" (56 cm.)
Length	Fowler – 34" (86 cm.), Seat – 26" (66 cm.), Leg Rest – 11" (28 cm.), Overall – 75" (190 cm.)
Casters	4" (10 cm.) diameter double wheel – locking (see page 24)
Padding	3" (8 cm.) Comfort Foam™, all pads are removeable for cleaning/ replacement (see page 24)
Table Weight	359 lbs. (163 kg.)
Options and Accessories	See page 23

MULTI-SPECIALTY EA CONTROLS

CAUTION

Do not sit on the Fowler Backrest or Leg Rest sections.
 Do not leave the patient unattended.
 When lowering the table or using the Trendelenburg functions, make sure there is nothing underneath that can impede motion.



Hand Control Operation:

Graphic Display- Displays the current Mode or Action.

Preset Buttons- Press and hold to adjust the table to preset positions.

Action Buttons- Use with Mode buttons to adjust table motions.

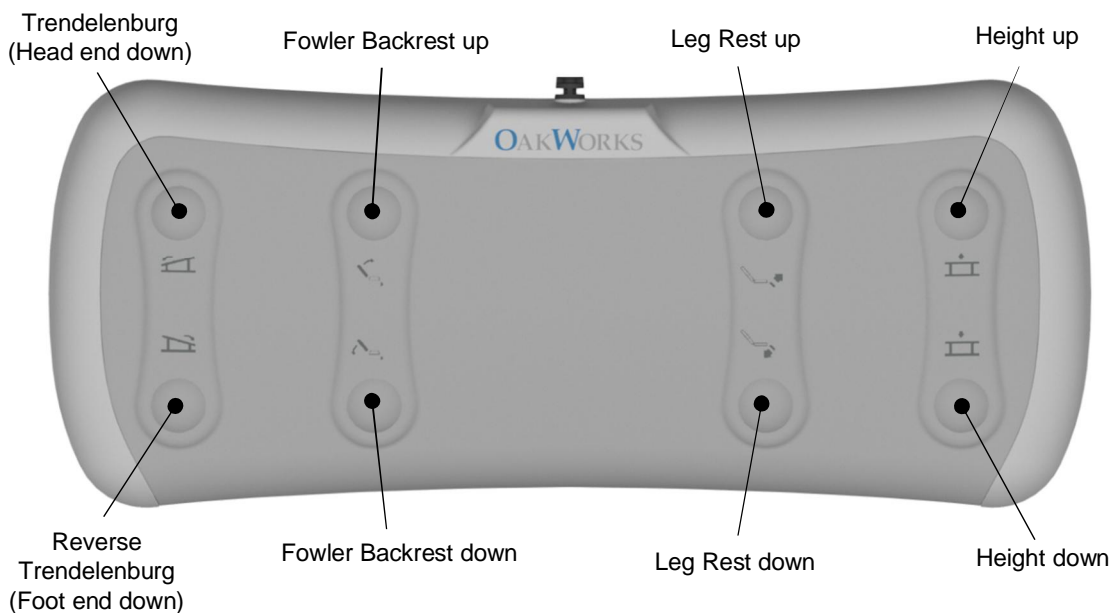
Mode Buttons- Select a Mode using the indicated button, then press the Action button to move in the direction indicated on the display.

Trendelenburg Mode: Function will pause for 1 second when the table returns to level

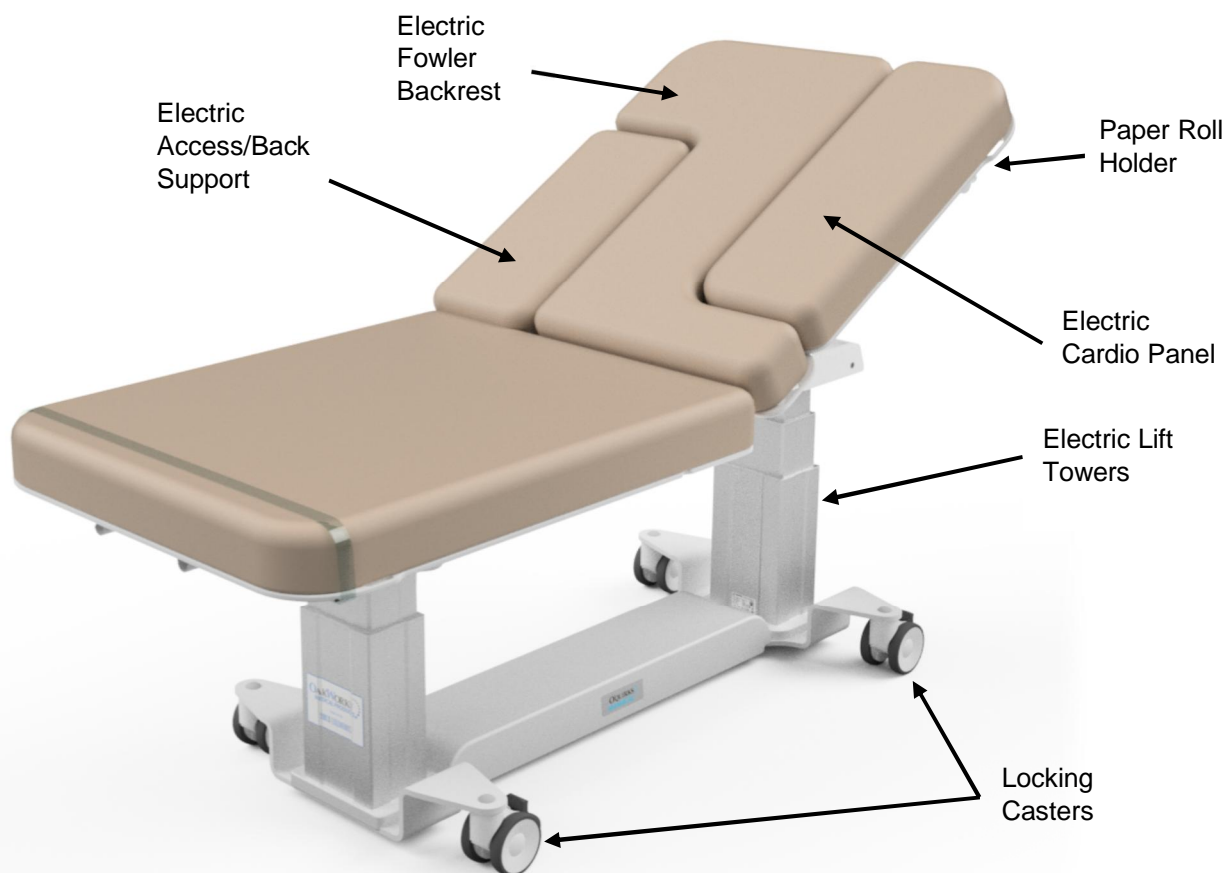
Access Mode- Press to toggle between right and left panels as indicated on the display, then use action buttons to move the panel in the direction indicated on the display.

Central Base Locking Button- Press to toggle between locked and unlocked as indicated on the display.

Foot Control Operation (option): Press and hold the corresponding button to adjust table motions indicated.



ECHOCARDIOGRAPHY ULTRASOUND EA TABLE



STANDARD SPECIFICATIONS	
Motion 1	Electric 19"-33" (48.3-83.8 cm) Height Range
Motion 2	Electric $\pm 18^\circ$ Trendelenburg/ Reverse with pause at level
Motion 3	Electric 0-75 $^\circ$ Fowler Backrest
Right Access/Back Support	Electric 10"W (25 cm) X 22"L (56 cm) 0-75 $^\circ$ Access/ Back support for patient positioning- right side (see page 25)
Electric Cardio Panel Left side	Adjusts open up to 15" (38 cm.) (see page 25)
Hand Control	All powered motions (see page 19)
Paper Roll Holder	up to 21" (53.3 cm) rolls (not included) (see page 24)
Table Voltage	120V/60Hz or 230V/50Hz
Table Capacity	550 lbs. (250 kg) (patient and accessories)
Widths	30" (76 cm)
Length	Fowler – 34" (86 cm), Seat – 38" (97 cm), Overall – 72" (183 cm)
Casters	4" (10 cm) diameter double wheel – locking (see page 24)
Padding	3" (8 cm) Comfort Foam™, all pads are removeable for cleaning/ replacement (see page 24)
Table Weight	359 lbs. (163 kg)
Options and Accessories	See page 23

ECHOCARDIOGRAPHY EA CONTROLS

CAUTION

Do not sit on the Fowler Backrest section.
 Do not leave the patient unattended.
 When lowering the table or using the Trendelenburg functions, make sure there is nothing underneath that can impede motion.



Hand Control Operation:

Graphic Display- Displays the current Mode or Action.

Preset Buttons- Press and hold to adjust the table to preset positions.

Action Buttons- Use with Mode buttons to adjust table motions.

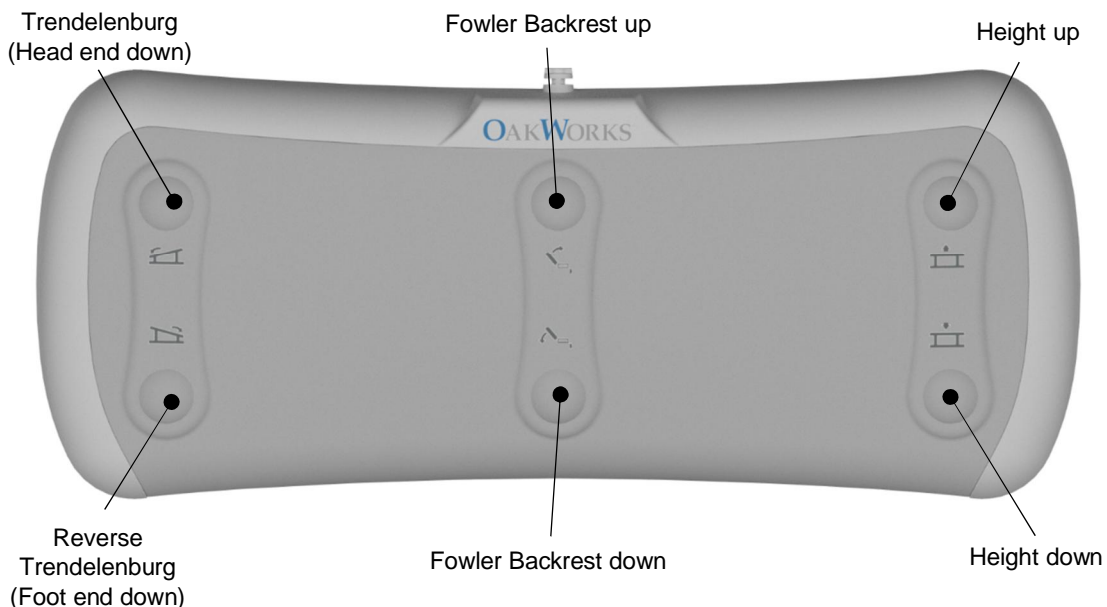
Mode Buttons- Select a Mode using the indicated button, then press the Action button to move in the direction indicated on the display.

Trendelenburg Mode: Function will pause for 1 second when the table returns to level

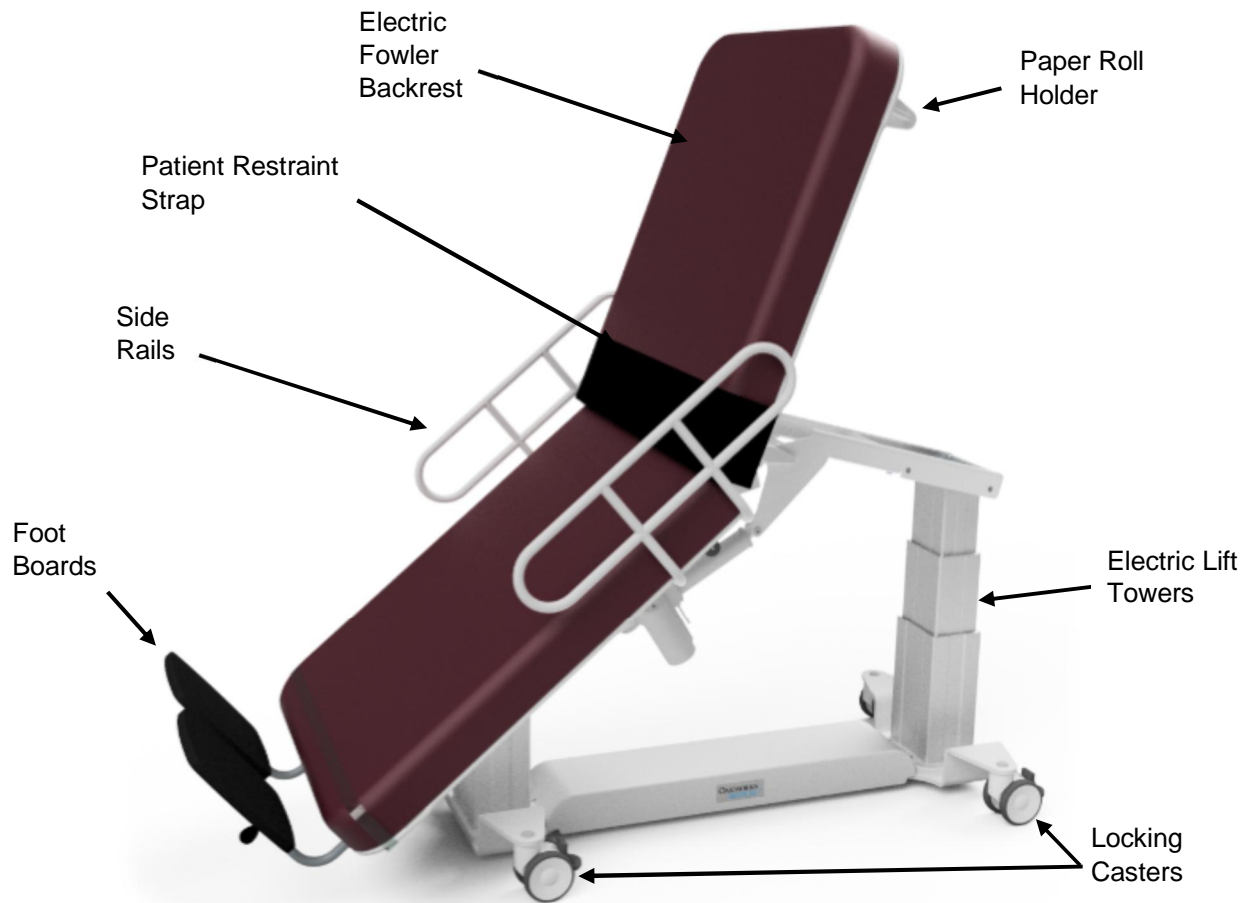
Access / Cardio Mode- Press to toggle between right and left panels as indicated on the display, then use action buttons to move the panel in the direction indicated on the display.

Central Base Locking Button- Press to toggle between locked and unlocked as indicated on the display.

Foot Control Operation (option): Press and hold the corresponding button to adjust table motions indicated.



VASCULAR (V2) ULTRASOUND EA TABLE

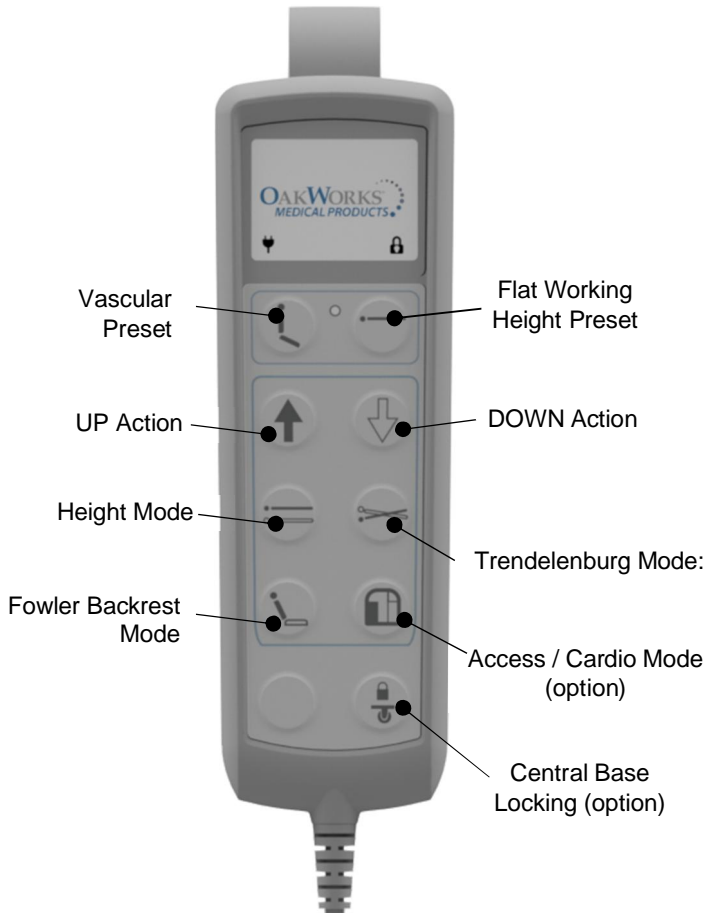


STANDARD SPECIFICATIONS	
Motion 1	Electric 19"-33" (48.3-83.8 cm) Height Range
Motion 2	Electric 0-18° Trendelenburg with stop at level
Motion 3	Electric 0-40° Reverse Trendelenburg with stop at level
Motion 4	Electric 0-75° Fowler Backrest
Vascular Preset	Combined Reverse Trendelenburg & Fowler Backrest for up to 90° positioning
Foot Boards	Split, drop away and removable (see page 22)
Side Rails	25"L (64cm) 6"H (15cm) Increased stability and security for patients (see page 26)
Patient Restraint Strap	Must be used during all procedures (see page 22)
Hand Control	All powered motions (see page 21)
Paper Roll Holder	up to 21" (53.3 cm) rolls (not included) (see page 24)
Table Voltage	120V/60Hz or 230V/50Hz
Table Capacity	550 lbs. (250 kg) (patient and accessories)
Widths	30" (76 cm) or 26" (66 cm)
Length	Fowler – 34" (86 cm), Seat – 38" (97 cm), Overall – 72" (183 cm)
Casters	4" (10 cm) diameter double wheel – locking (see page 24)
Padding	3" (8 cm) Comfort Foam™, all pads are removeable for cleaning/ replacement (see page 24)
Table Weight	359 lbs. (163 kg)
Options and Accessories	See page 23

VASCULAR (V2) EA CONTROLS

CAUTION

Do not sit on the Fowler Backrest section.
Do not leave the patient unattended.
When lowering the table or using the Trendelenburg functions, make sure there is nothing underneath that can impede motion.



Hand Control Operation:

Graphic Display- Displays the current Mode or Action.

Preset Buttons- Press and hold to adjust the table to preset positions.

Action Buttons- Use with mode buttons to adjust table motions.

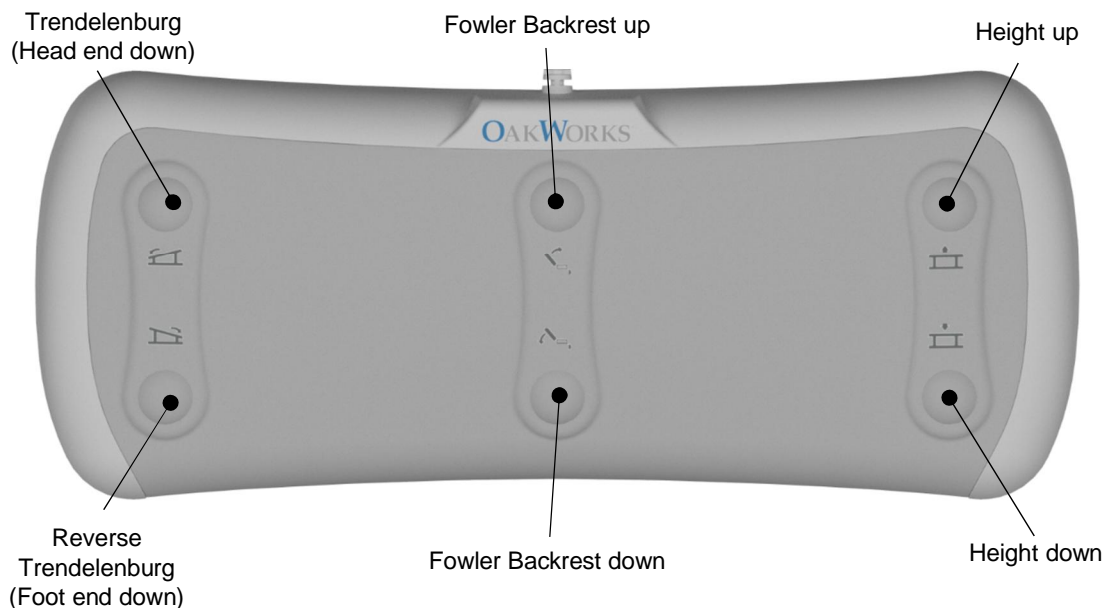
Mode Buttons- Select a Mode using the indicated button, then press the Action button to move in the direction indicated on the display.

Trendelenburg Mode: Function will stop when the table returns to level. Press again to continue in the other direction

Access / Cardio Mode- Press to toggle between right and left panels as indicated on the display, then use action buttons to move the panel in the direction indicated on the display.

Central Base Locking Button- Press to toggle between locked and unlocked as indicated on the display.

Foot Control Operation (option): Press and hold the corresponding button to adjust table motions indicated.



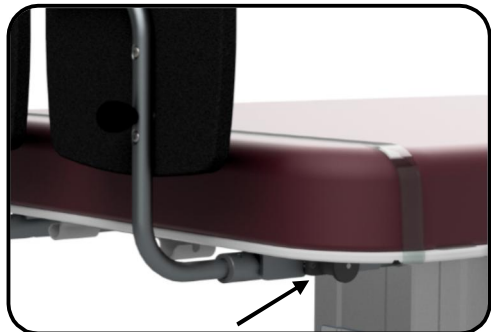
VASCULAR FOOT BOARDS



CAUTION

Always have the patient mount and dismount the table in the flat position. Do not use the footboards as a step to mount the table.

When the Vascular Foot Boards are in the lowered position, it is possible for them to hit the floor in low height or extreme reverse Trendelenburg conditions. Operate the table with the foot boards up if possible or remove them to avoid hitting the floor. If not, then monitor floor clearance to prevent damage.



To reposition Foot Boards, pull firmly on knobs located under the tabletop to unlock.



Foot Boards can be removed from the table.

Foot Board Positioning Options:



2" (5cm) position



6" (15cm) position



staggered position



lowered position
(see caution above)

PATIENT RESTRAINT STRAP



CAUTION

The Patient Restraint Strap must be used during all procedures to prevent the patient from falling off the table.



Attach Patient Restraint Strap brackets to the screws underneath the tabletop using the attached thumb nuts.

FEATURES, OPTIONS AND ACCESSORIES

FEATURES, OPTIONS AND ACCESSORIES MATRIX										
✓= Standard ○= Optional ✕= Not Available		General 3 Section (G3) EA 26"	General 3 Section (G3) EA 30"	General 2 Section (G2) EA 26"	General 2 Section (G2) EA 30"	Women's Imaging EA 30"	Multi-Specialty EA 30"	Echocardiography EA 30"	Vascular (V2) EA 26"	Vascular (V2) EA 30"
		Motions	Height Range 19-33" (48.3-83.8 cm)	✓	✓	✓	✓	✓	✓	✓
High Height Range 22-36" (56.5-91.5cm)	○		○	○	○	○	○	○	○	○
Trendelenburg/ Reverse	✓		✓	✓	✓	✓	✓	✓	✓	✓
40° Reverse Trendelenburg	✕		✕	✕	✕	✕	✕	✕	✓	✓
Electric Fowler	✓		✓	✓	✓	✓	✓	✓	✓	✓
Electric Leg Rest	✓		✓	✕	✕	✓	✓	✕	✕	✕
Controls	Hand Control all electric motions	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Foot Control	○	○	○	○	○	○	○	○	○
Backrest Panel Configurations	Plain	✓	✓	✓	✓	✕	✕	✕	✓	✓
	Right Access/Back Support (page 25)	✕	✕	✕	✕	✓	✕	✕	✕	✕
	Left and Right Access/Back Supports (page 25)	✕	✕	✕	✕	✕	✓	✕	✕	✕
	Left Cardio & Right Access/Back Support (page 25)	✕	○	✕	✕	✕	○	✓	✕	○
Options	Central Base Locking (page 26)	○	○	○	○	○	○	○	○	○
	Side Rails (page 26)	○	○	○	○	○	○	○	✓	✓
	Retractable Footrests (Stirrups) (page 27)	○	○	○	○	✓	✓	○	✕	✕
	Procedure Tray (page 28)	○	○	○	○	○	○	○	✕	✕
	Battery Backup (Page 29)	○	○	○	○	○	○	○	○	○
Accessories	T-Rail Adapter (page 30)	○	○	○	○	○	○	○	○	○
	Detachable Arm Board (page 30)	○	○	○	○	○	○	○	○	○
	Table Extender (page 30)	○	○	○	○	○	○	○	○	○
	Quicklock Face Rest (page 31)	○	○	○	○	○	○	○	○	○

TABLETOP PADS

Upholstered Top pads can be removed for cleaning or replacement. First, remove the paper cutting strap. Pull up around the edges of the pad to remove. Pads are held in place with hook and loop (Velcro®) fasteners.



PAPER ROLL HOLDER



To load paper, pull down on the 2 support arms located on the underside of the Fowler Backrest and rotate to the vertical position.



Insert the rod through the paper roll and place the rod into the indents in the support arms.



Pull paper over tabletop and thread through the paper cutter strap. After each use pull the paper through the strap and tear off used portion.

Note: the paper cutter strap can be adjusted with hook and loop fastener under the tabletop

LOCKING CASTERS

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



LOCKING THE CASTERS

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

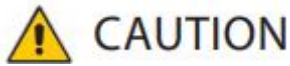


UNLOCKING THE CASTERS

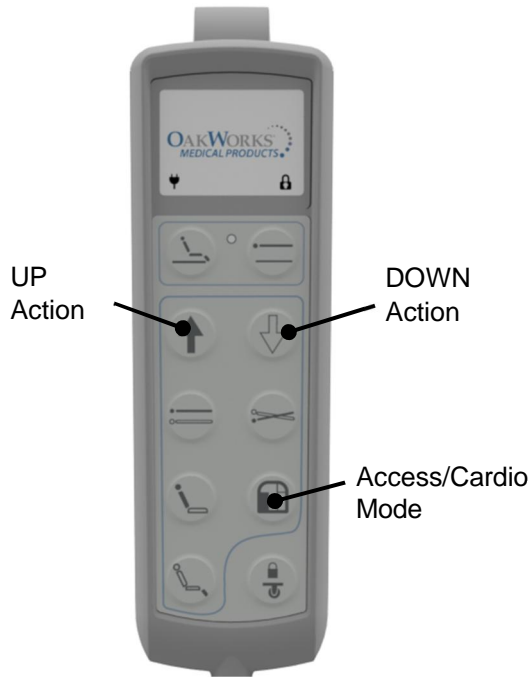
1. Place your shoe against the vertical locking tab.
2. Press firmly inward until you hear a click noise and the caster is unlocked.



OPTIONAL ACCESS / BACK SUPPORT PANELS



Do not put excessive weight on Access / Back Support (Max Capacity 150lbs (68kg))
The powered access/back panel(s) are not intended to lift a patient's weight. First roll the patient to the side, raise the panel, then roll the patient back against the panel.



Press the Access/Cardio Mode button once to activate the left side, press again to activate the right side.

The screen will change indicating which side is to be adjusted.



Adjust left side

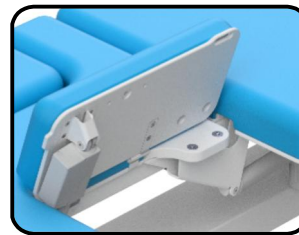


Adjust right side

Press the UP or DOWN Action buttons to make the adjustment. The screen will change to indicate movement.

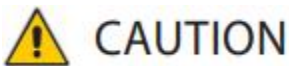


Right side UP



Right side DOWN

OPTIONAL CARDIO PANEL



Make sure all parts of the patient's anatomy are clear of the sliding cardio panel when closing.

Do not put excessive weight on the extended end (beyond the main top) of the cardio panel.
Maximum capacity is 150 lbs. / 68 kg. Make sure patient's weight is not on the panel while adjusting.



Press the Access/Cardio Mode button once to activate the left side cardio panel.

The screen will change indicating which side is to be adjusted.



Adjust left side cardio panel

Press the UP (open) or DOWN (close) Action buttons to make the adjustment. The screen will change to indicate movement.



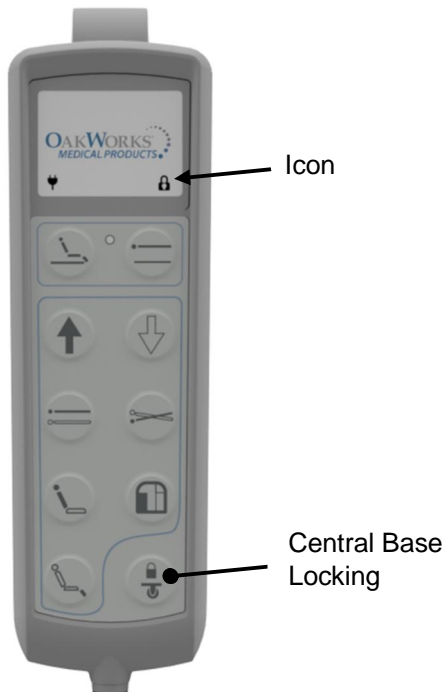
Cardio panel out (open)




Cardio panel in (close)


OPTIONAL CENTRAL BASE LOCKING SYSTEM

The Central Base Locking System allows the table to be firmly secured in its location on the floor. For added security, all four casters should also be locked at all times during use with a patient. Tables with the Central Base Locking System must be used on a flat surface.

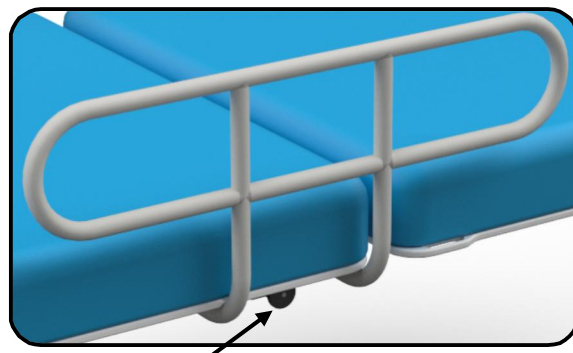


Press once to lock or unlock table in its floor position. The icon in the lower right corner of the screen indicates whether the table is locked or unlocked.

 Table is locked.

 Table is unlocked.

OPTIONAL SIDE RAILS



To fold Side Rails up or down, pull firmly on the knob below the tabletop to unlock. Side Rails lock in the up or down position. Be sure the side rail is securely locked in place before use.

OPTIONAL RETRACTABLE FOOTRESTS (STIRRUPS)



CAUTION

Pinch Point- Keep fingers away.
Maximum weight rating 102 lbs (46 kg) each.



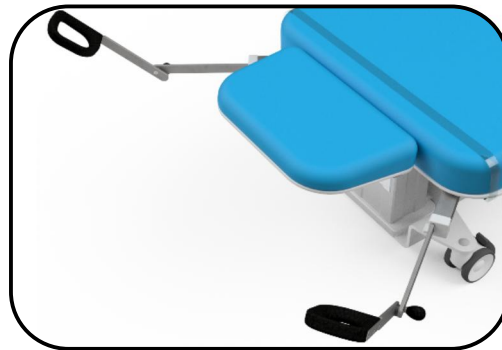
Grasp the black handle and pull footrest straight out all the way.



Rotate the footrest out to clear the Leg Rest (if applicable).



Unfold the stirrup arm.



Position footrests for patient comfort.



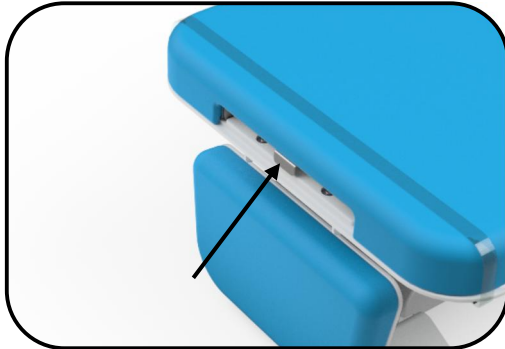
Lower the Leg Rest of the table (if applicable).

OPTIONAL PROCEDURE TRAY



CAUTION

Make sure the Leg Rest is fully lowered before using the procedure tray. Do not sit or push on the Procedure Tray when it is extended from the seat. Maximum weight rating 15 lbs (7 kg).



Slide the tray drawer out by pulling on the tab in the center.

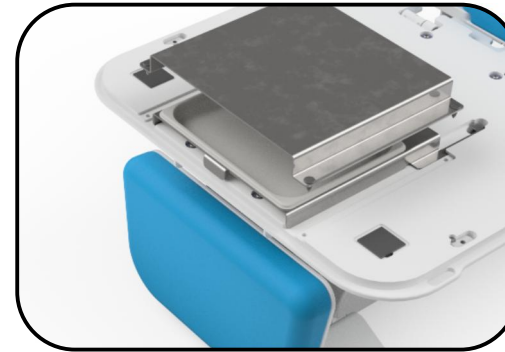


The tray can be removed from the drawer for cleaning.

The drawer assembly is removable for cleaning.



Remove the paper cutter strap and pull up on the pad around the edges. (See pad removal instructions on page 24)



Pull up on the tray cover- it is held in place by four friction-fit pins.



Slide the tray drawer forward and lift it off the seat platform to clean underneath.

OPTIONAL BATTERY BACKUP

Battery indicator: The icon in the lower left corner of the handset screen indicates the state of charge of the backup battery. The battery level icons only appear when the table is unplugged.



Icon



Table is plugged into AC power and battery is being charged.



Battery is fully charged.

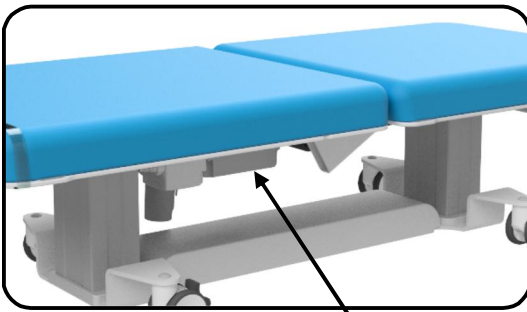


Battery is partially charged.



Battery has low charge.

The Battery has an ON/OFF switch located under the tabletop. This is used to disconnect the battery for long term storage or for servicing. Press the ON or OFF buttons for 3 seconds to activate.



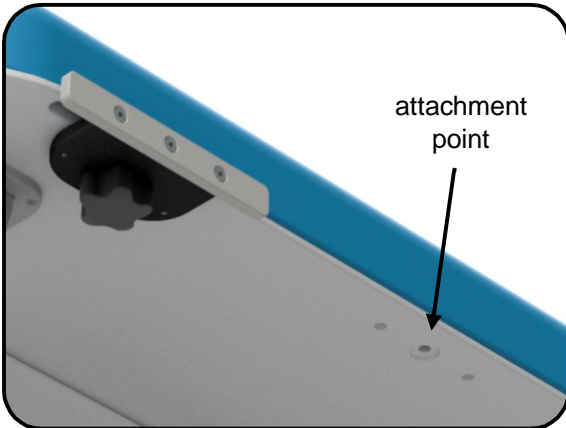
Battery location



ON/OFF switch

T-RAIL ADAPTER ACCESSORY

The T-Rail Adapter allows use of common medical accessories such as IV poles etc. to be used. It is also used to attach the Detachable Arm Board (sold separately).



Thread the T-rail Adapter knob into any one of six attachment points on the underside of the tabletop.



Attach common medical accessories to the T-rail. Maximum load 100 lbs. (45 kg.)

DETACHABLE ARM BOARD ACCESSORY



CAUTION

Do not put excessive weight or pressure on the Arm Board. Maximum weight rating 30 lbs (13 kg).

This product can be used on any of OAKWORKS® Ultrasound tables with a T-Rail adapter (sold separately) and can support a variety of positioning configurations.



TABLE EXTENDER ACCESSORY



CAUTION

Do not put excessive weight or pressure on the Table Extender. Maximum weight rating 30 lbs (13 kg).

The Table Extender lengthens the table allowing for access to the patient's head and neck.



Insert the Table Extender legs into the Accessory Mounting Plate.
Make sure the push buttons snap into place.

QUICKLOCK FACE REST ACCESSORY

Do not put excessive weight or pressure on the Quicklock Face Rest. Do not extend the dowels of the Quicklock Face Rest more than 3" (8 cm) from the end of the tabletop. Maximum weight rating 30 lbs (13 kg).



CAUTION

Double articulating action provides a wide range of prone and supine positioning options. The adjustable pad takes pressure off sensitive facial areas while maintaining support. Adjustments are made by loosening the cam locks, adjusting for height and angle, then locking the cam locks in the desired position. The Quicklock Face Rest can fold out of the way when not in use.



Can be used for either prone or supine positioning.



3" (8 cm) max. extension from tabletop



Insert dowels into Accessory Mounting Plate



Loosen cam locks and adjust height and angle.



Tighten the cam locks.

INSTALLATION

All 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.

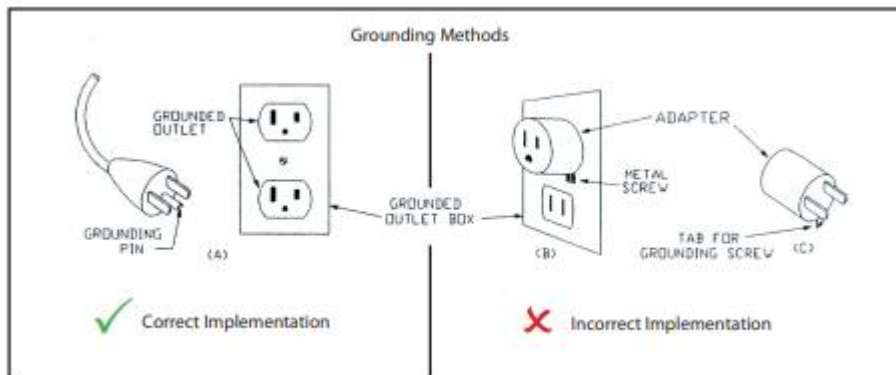
GROUNDING



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.

RESET PROCEDURE



If any electrically actuated motion appears to be malfunctioning, reset the control box using the following method.

1. On the handset, press both the Height Mode and Trendelenburg Mode button simultaneously and hold. The programmed table reset sequence will begin to move all actuators to fully retracted positions.
2. Continue to hold the buttons until all actuators are fully retracted and the LED blinks 3 times.

CLEANING & DISINFECTION

RECOMMENDED CLEANERS/DISINFECTANTS



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.

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 disinfectant 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 recommended cleaner or disinfectant 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.

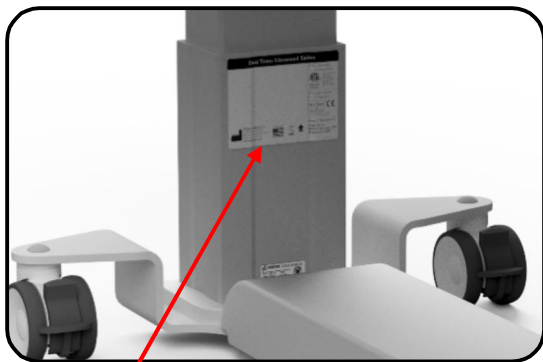
RECOMMENDED PERIODIC INSPECTIONS (yearly or local standard)

- Check for damage to the power, hand controls 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 (if available). Listen 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.

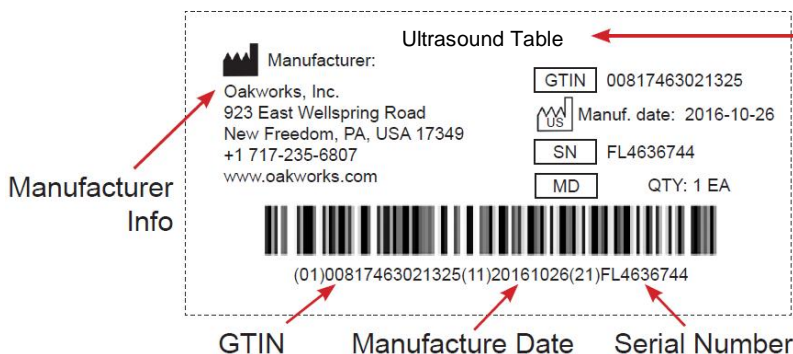
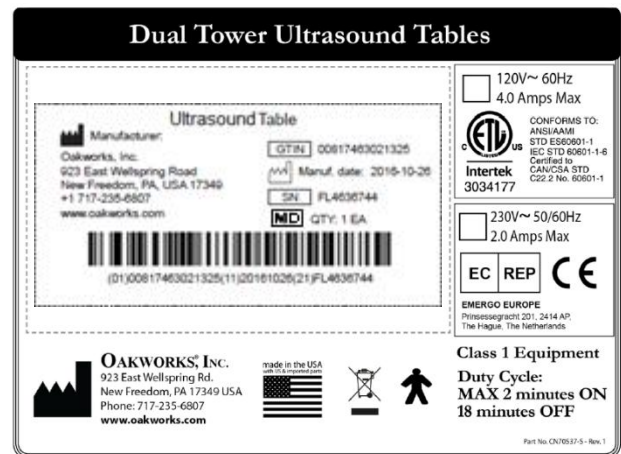
WARRANTY

View complete warranty details at www.oakworksmmed.com under the "INFO" tab, "Warranty and Return Policy".

UNIQUE DEVICE IDENTIFICATION (UDI) INFORMATION



The UDI Label is under a clear window of the Product Label, located on the foot end column.



Model Name

Unique Device Information:

- GTIN - 14 digit number unique for each variation of a model
- Manufacture Date - Country of manufacture and date the device goes into production in YYYY-MM-DD format
- SN - Serial Number
- MD - Medical Device Symbol
- QTY - Quantity of the product

SPECIFICATIONS



PRODUCT SPECIFICATIONS

Weight	359-452 lbs. (163-205 kg.)
Shipping Weight	452-544 lbs. (205-247 kg.)
Lifting capacity	550lbs. (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
Maximum Momentary Current Consumption	4.0 amps	2.0 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
Ingres 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

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. The table is suitable for the 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.
RF emissions CISPR 11	Class A	
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	80 MHz to 800 MHz	800 MHz to 2.5 GHz
	$d = 1.2 \sqrt{P}$	$d = 1.2 \sqrt{P}$	$d = 2.3 \sqrt{P}$
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	7.3
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.

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	±8 kV contact ±15 kV air	±8 kV contact ±15 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 Not applicable	Mains power quality should be that of a typical commercial or hospital environment.
Surge IEC 61000-4-5	±1 kV line(s) to line(s) ±2 kV line(s) to earth	±1 kV line(s) to line(s) ±2 kV line(s) to earth	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	30 A / m	30 A / m	Power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercial or hospital environment.

NOTE UT is the a.c. mains voltage prior to application of the test level.

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>10 V/m 80 MHz to 2,7 GHz</p>	<p>3 Vrms</p> <p>10 V/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. Recommended separation distance $d = 1.2 \sqrt{P}$ 80 MHz to 800 MHz $d = 2.3 \sqrt{P}$ 800 MHz to 2,5 GHz 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). Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey, should be less than the compliance level in each frequency range. b Interference may occur in the vicinity of equipment marked with the following symbol:</p> 
<p>Power frequency (50/60 Hz) magnetic field IEC 61000-4-8</p>	<p>30 A / m</p>	<p>30 A / m</p>	<p>Power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercial or hospital environment.</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 3 V/m.

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USER MANUAL

OAKWORKS®

Ultrasound EA Line Exam Tables

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CONFORMS TO:
ANSI/AAMI STD ES60601-1
IEC STD 60601-1 3RD EDITION
IEC STD 60601-1-2 4TH EDITION
IEC STD 60601-1-6 3RD EDITION
IEC STD 60601-2-32
CERTIFIED TO CAN/CSA STD C22.2 NO. 60601-1
CB TEST CERTIFICATE AND REPORT

FCC Rules and Regulations, Title 47, Part 15, Subpart B, Class A. Unintentional Radiators.

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Notice: Any serious incident that has occurred in relation to the device should be reported to OAKWORKS®, Inc. and to the competent authority of the Member State in which the user and/or patient is established.

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