EchoBed®

medicalpositioning.com
800-593-3246

Instructions For Use

Owner: _____

Model: _____

Serial #: _____

Date: _____

Please ensure these instructions stay with the product at all times.

A copy can be downloaded from our website medicalpositioning.com

Note: The information contained in this document is subject to change without notice.

Symbol Legend

CAUTION

DATE OF MANUFACTURE

WARNING

SEE INSTRUCTIONS FOR USE

SERIAL NUMBER

MANUFACTURER

PROTECTIVE EARTH

AGENCY MARK

WARNING, SITTING IS PROHIBITED. FAILURE TO COMPLY MAY RESULT IN INJURY.

CONSULT IFU

TYPE B= APPLIED PART

CATALOG NUMBER

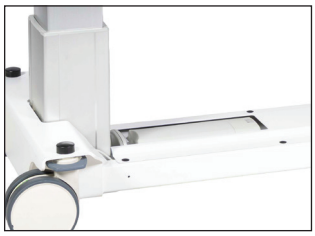
UNIQUE DEVICE IDENTIFICATION LABEL/CERTIFICATION LABEL

Controls and Indicators

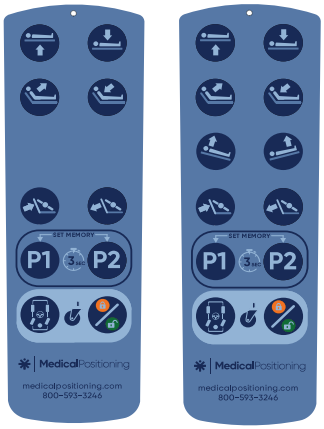
IMAGING DROP SECTION RAPID RELEASE

REMOTE RAPID RELEASE FOR IMAGING DROP SECTION

AC INPUT

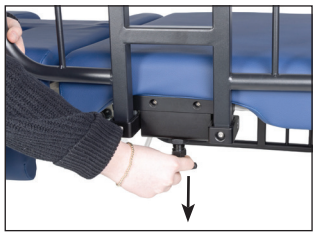


BATTERY



HAND CONTROL OVERLAY

CASTER LOCK



FOLD-AWAY SAFETY HANDRAIL RELEASE

Table of Contents

Product Description

Intended Use
The EchoBed® products are patient support platforms that are primarily used for ultrasound and heart imaging procedures. This product is intended to be used in an environment where ultrasound and other such diagnostic equipment is present, including hospitals, outpatient facilities, and doctor's offices.

Indications for Use
The EchoBed® is indicated for most individuals weighing up to 750lbs (340kg).

Contraindications
The product is contraindicated for patients, who in the caregiver's opinion, cannot safely sit in a chair or lie on an elevated surface.

Essential Function and Performance
The device is to serve as a supportive structure to position and transition a patient from a seated or lying position, with adjustable supportive surfaces to raise and lower the patient safely and securely.

Expected Life
The expected life of the product is 7 years of normal use. Some components may have a shorter life and require replacement.

Note: See Warranty section for warranty information.

Discard the Unit
Upon reaching the end of its useful life the product may be discarded in accordance with local and federal standards. Recycle when possible.

Safety Features
This product is equipped with multiple automated safety features to prevent danger or damage during use. The entire system is electrically isolated to ANSI/AAMI ES 60601-1, CAN/CSA-C22.2 No. 60601-1, IEC 60601-1, and IEC 60601-6 basic safety standards.

The actuator assemblies are current overload protected. If overloaded, the actuators will stop and reset automatically.

The sealed Hand Control operates the actuators by directing small amounts of low voltage D.C. current to the control box. All actuator drives are equipped with internal limit switches which automatically prevent over-extension.

The product is equipped with electrical braking casters at all four corners. Casters are operable by Hand Control and manually.

Serious Incidents
If a serious incident were to occur in relation to your device, please report this incident to MedicalPositioning, Inc. If you are unable to report to MedicalPositioning directly, you may report this to your medical equipment distributor, who will then report the incident to MedicalPositioning. Please also report the incident to the Competent Authority in the Member state in which you are located.

_____
(The distributor from whom the product was purchased)

MedicalPositioning, Inc.
9732 Pflumm Road
Lenexa, KS 66215

MedicalPositioning.com
816-474-1555
800-593-3246 (ECHO)

Safety Precautions

Please read and understand all safety precautions and user instructions prior to use.
Call MedicalPositioning, Inc. with any questions or for additional information.

Always read and strictly follow the warnings and cautions listed on these pages. Service only by qualified personnel.

⚠ Obey these safety instructions to help prevent injury and/or equipment damage:

- Read and understand all warnings in this manual and on the unit itself prior to use.
- The device shall be operated by trained personnel only.
- Authorized and qualified personnel will be those who are approved by MedicalPositioning Inc. to repair or modify the product.
- Do not service the device while in use with the patient.
- Do not modify this equipment without authorization from the manufacturer.
- Equipment shall only be serviced by authorized personnel.
- The procedures in this manual are only the manufacturer's suggestions. The final responsibility for patient care with respect to this device remains with the caregiver.
- Do not use in an oxygen rich environment.
- Do not leave a patient unattended while using the product.
- To reduce the risk of electric shock, grounding reliability can only be achieved when the equipment is connected to an equivalent receptacle marked "hospital only" or "hospital grade".
- If damage has occurred to the power cord, immediately remove the cord from service. Failure to do so could result in serious injury or death.
- Power cord can be replaced by qualified and approved service personnel.
- The battery should be periodically inspected for damage. If damage has occurred to the battery, immediately remove the battery from service. Failure to do so could result in serious injury or death.
- Removal of secured covers may increase the risk of electrical shock. Refer service to qualified and approved personnel only.
- The potential for electrical shock exists with electrical equipment. Failure to follow facility protocols may cause death or serious injury.
- Ensure the patient is properly secured prior to using the equipment.
- To reduce the risk of a potential injury, lock casters before using equipment.
- Once the product and patient have been properly positioned for the procedure, ensure the casters are locked and the Hand Controller is placed in a safe position to prevent unwanted contact and unwanted movement of the support surface.
- To reduce the risk of the product becoming unbalanced, always position the product in the lowest reasonable height when moving.
- Verify that the area around the product is free of impediments before operating to prevent injury or equipment damage.
- Keep hands and feet clear from beneath the patient surface when lowering surface height or making positioning adjustments to avoid possible injury.
- Keep hands clear of any hinges during operation to avoid possible injury.
- Sitting at the end of the patient surface can result in device instability. Do not allow a patient to sit at the either end of the patient surface.
- Protect vinyl upholstery from sharp objects and abrasions to avoid damage.
- Always read manufacturer's instructions and warnings before using any cleaning product or disinfectant. Refer to instructions located in this manual for vinyl cleaning recommendations.
- Substances such as imaging gels and alcohol will not damage the vinyl surface when immediately removed. Extended exposure for longer than a few minutes can damage the topcoat and will eventually discolor vinyl.
- Do not use abrasives to clean painted surfaces.
- It is recommended that the product be cleaned between patients; please follow your facility's documented policy.
- Keep this manual available for future reference.
- If the product is used adjacent to other electrical equipment, observe the product and the other electrical equipment to ensure they operate as intended.
- Verify that the patient's body is clear of impediments prior to raising the side rail.
- Failure to latch siderails may result in patient injury. Verify siderails are locked in position after any adjustments to the siderails.
- Failure to latch Drop Sections may result in patient injury. Verify Drop Sections are locked in position before and after use.
- Secure Hand Control in a safe location when not in use. Keep cable clear of moving parts.
- Verify lines and other patient attachments are clear before making adjustments.
- Not made with natural rubber latex.
- Before loading the patient on to the device, ensure the casters are locked and the Hand Controller is placed in a safe position to prevent unwanted contact and unwanted movement of the support surface.
- To reduce the risk of the product becoming unbalanced, always position the product in the lowest reasonable height when moving the device or loading and unloading a patient from the device.
- Do not exceed the weight capacity of the product.

⚠ **WARNING:** Do not operate any powered movement functions (e.g., elevation, Trendelenburg, reverse Trendelenburg, backrest articulation) when load exceeds 809lbs (366kg)

⚠ **WARNING:** Loads between 809lbs-1000lbs (366–453kg) must remain in a flat, static position. Exceeding these limits or using powered functions above the dynamic threshold may result in equipment damage, patient injury, or caregiver harm.

Product Specifications

Model Number: EB724 Description: EchoBed®

Standard

- +/-15° Trendelenburg Positioning
- Dual Rapid Release Imaging Drop Sections
- Electric Patient Back Support
- Fold-Away Safety Handrails
- Hand Control with Memory Positioning
- Electric Locking Casters
- Height Positioning 17"-31"
- Hand Control Loops
- 85° Fowler Positioning
- AC Power and DC/Battery Power

Optional

- Foot Control
- Additional Battery
- Battery Wall Charging Kit
- Grip Bar
- Paper Roll Holder and Cutter Strap
- Sonographer Extension
- Positioning Wedge
- Pediatric Adapter

Model Number: EB723 Description: EchoBed®

Standard

- Dual Rapid Release Imaging Drop Sections
- Electric Patient Back Support
- Fold-Away Safety Handrails
- Hand Control with Memory Positioning
- Electric Locking Casters
- Height Positioning 17"-31"
- Hand Control Loops
- 85° Fowler Positioning
- AC Power and DC/Battery Power

Optional

- +/-15° Trendelenburg Positioning
- Foot Control
- Additional Battery
- Battery Wall Charging Kit
- Grip Bar
- Paper Roll Holder and Cutter Strap
- Sonographer Extension
- Positioning Wedge
- Pediatric Adapter

Model Number: EB924 Description: EchoBed®

Standard

- +/-15° Trendelenburg Positioning
- Dual Rapid Release Imaging Drop Sections
- Electric Patient Back Support
- Fold-Away Safety Handrails
- Hand Control with Memory Positioning
- Electric Locking Casters
- Height Positioning 19"-37"
- Hand Control Loops
- 85° Fowler Positioning
- AC Power and DC/Battery Power

Optional

- Foot Control
- Additional Battery
- Battery Wall Charging Kit
- Grip Bar
- Paper Roll Holder and Cutter Strap
- Sonographer Extension
- Positioning Wedge
- Pediatric Adapter

Model Number: EB923 Description: EchoBed®

Standard

- Dual Rapid Release Imaging Drop Sections
- Electric Patient Back Support
- Fold-Away Safety Handrails
- Hand Control with Memory Positioning
- Electric Locking Casters
- Height Positioning 19"-37"
- Hand Control Loops
- 85° Fowler Positioning
- AC Power and DC/Battery Power

Optional

- +/-15° Trendelenburg Positioning
- Foot Control
- Additional Battery
- Battery Wall Charging Kit
- Grip Bar
- Paper Roll Holder and Cutter Strap
- Sonographer Extension
- Positioning Wedge
- Pediatric Adapter

SPECIFICATIONS	EB724		EB723		EB924		EB923	
	IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC
Max Patient Weight	750lbs	340kg	750lbs	340kg	750lbs	340kg	750lbs	340kg
Max Static Support Weight	1000lbs	454kg	1000lbs	454kg	1000lbs	454kg	1000lbs	454kg
Min Surface Height	17"	431.8mm	17"	431.8mm	19"	482.6mm	19"	482.6mm
Max Surface Height	31"	787.4mm	31"	787.4mm	37"	914.4mm	37"	914.4mm
Min Back Support	0°	0°	0°	0°	0°	0°	0°	0°
Max Back Support	75°	75°	75°	75°	75°	75°	75°	75°
Min Fowler	0°	0°	0°	0°	0°	0°	0°	0°
Max Fowler	85°	85°	85°	85°	85°	85°	85°	85°
Max Trendelenburg	15°	15°	N/A	N/A	15°	15°	N/A	N/A
Max Reverse Trendelenburg	15°	15°	N/A	N/A	15°	15°	N/A	N/A
Surface Width	30"	76.2cm	30"	76.2cm	30"	76.2cm	30"	76.2cm
Surface Length	83"	210.8cm	83"	210.8cm	83"	210.8cm	83"	210.8cm
Base Width*	24.8"	62.9cm	24.8"	62.9cm	24.8"	62.9cm	24.8"	62.9cm
Base Length*	60.5"	153.7cm	60.5"	153.7cm	60.5"	153.7cm	60.5"	153.7cm
Product Weight	425lbs	193kg	425lbs	193kg	425lbs	193kg	425lbs	193kg

*Wheelbase dimensions

USAGE MODE	MAXIMUM LOAD	DESCRIPTION
Dynamic Use	Patient Weight: 750lbs (340kg)	Maximum patient weight for full powered functionality, including height adjustment, Trendelenburg/Reverse Trendelenburg, and other articulated movements.
	Safe Working Load: 809lbs (366.9kg)	Maximum load (patient weight and accessories that may be placed on the product) for full powered functionality, including height adjustment, Trendelenburg/ reverse Trendelenburg, and other articulated movements.
Static Use	1000lbs (454kg)	Maximum total supported load when the device is stationary and flat. No powered movement is permitted above 809lbs (366.9kg)

MATERIALS

ATTRIBUTE	DESCRIPTION
Frame	Steel, Stainless Steel
Plastics	HDPE, ABS, UHMW, TPU, Acrylic-PVC Alloy
Cushion	1850 Foam, PE Crosslink Foam, Neoprene Foam
Fabrics	Modena EcoSense from Spradling®, Velcro®

RECOMMENDED ENVIRONMENTAL CONDITIONS

ATTRIBUTE	RANGE FOR USE	RANGE FOR STORAGE AND TRANSPORT
Ambient Temperature	+5°C to +40°C	-10°C to + 50°C
Relative Humidity	20%-80%	20%-80%
Atmospheric Pressure	85kPa-106kPa	85kPa-106kPa

FEATURE	DESCRIPTION OF USE	WEIGHT LIMIT
Sonographer Seat Extension	Provides support for the sonographer to lean against during imaging procedures. This feature is not intended to support full body weight for extended periods. The stated load includes foreseeable misuse conditions where full body weight may be applied.	200lbs
Back Support	Supports the patient's upper body (head and torso) during positioning. In accordance with IEC 60601-1 (Ed. 3.2), patient weight is distributed across multiple support surfaces of the table. Only a portion of the patient's total body weight is applied to the back support, corresponding to the upper body region. This component is not intended to support the patient's full body weight independently.	200lbs
Drop Section	Provides access for imaging procedures. This section is not intended for sitting or supporting full patient weight. In accordance with IEC 60601-1 load distribution principles, the patient's weight is distributed across the full support surface, and only a localized portion of the total body weight is applied to the drop section during normal use.	250lbs

POWER REQUIREMENTS

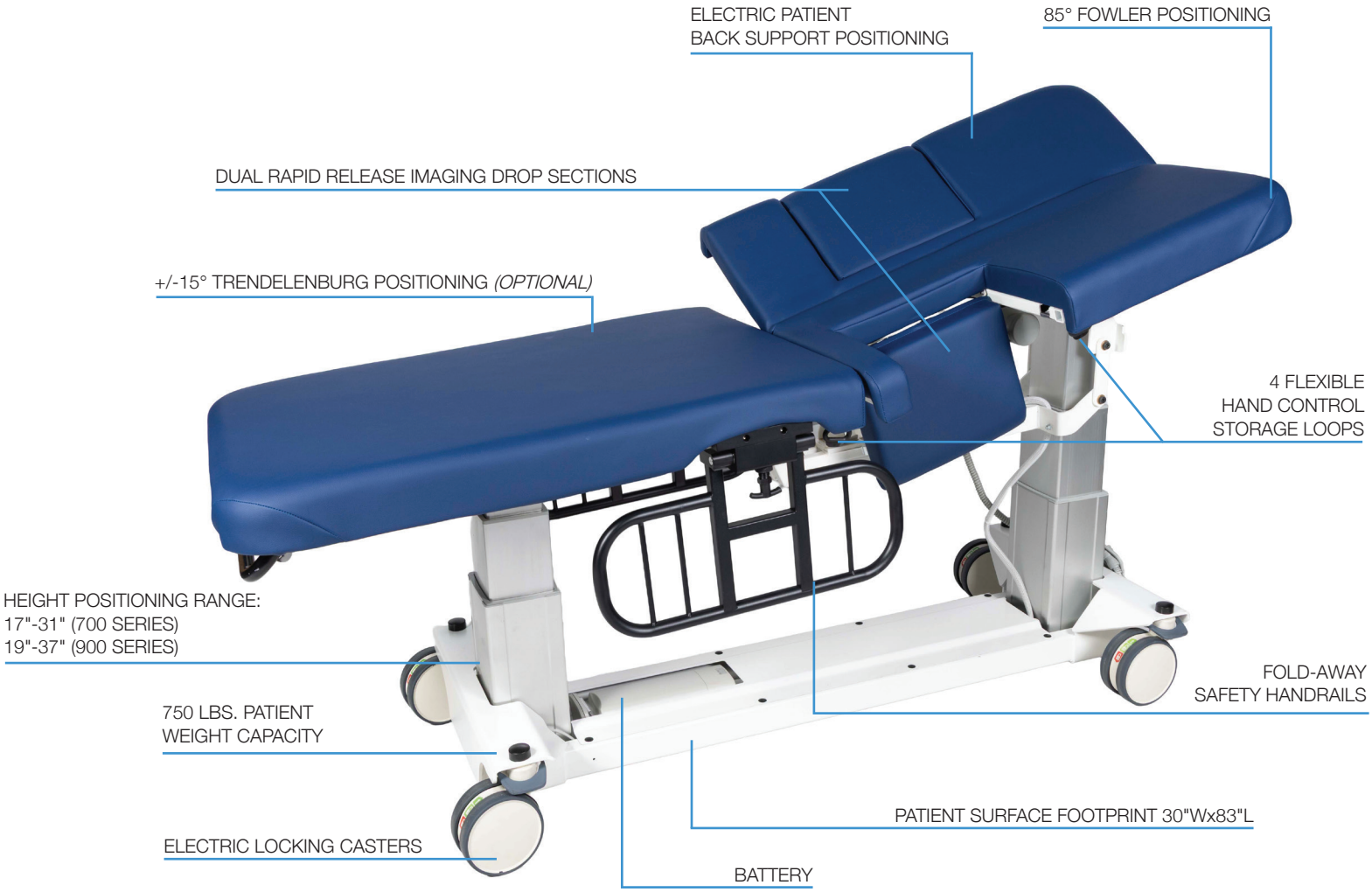
ATTRIBUTE	SPECIFICATION
Electrical, Product	100–240 VAC, 50/60 Hz, max 4.5 A
Battery Option	25.9V, 2.25Ah, 58.28Wh
Duty Cycle	10% max, 2 min. on / 18 min. off
Battery Duty Cycle	5% max, 1 min on / 19 min off

- All electrical circuitry is isolated from chassis.
- Grounding reliability can only be achieved when the equipment is connected to an equivalent receptacle marked "Hospital Only" or "Hospital Grade".
- The power cord is to be used for mains disconnection.
- Attached power supply cord set is not allowed to be diverted to other equipment.

CLASSIFICATIONS AND STANDARDS

ATTRIBUTE	SPECIFICATION
Standards	• IEC 60601-1:2005, IEC 60601-1:2005/AMD1:2012, IEC 60601-1:2005/AMD2:2020 • CAN/CSA-C22.2 No. 60601-1:08, CAN/CSA-C22.2 No. 60601-1:14 (including amendment 1) and Amendment 2:2022 (MOD) to CAN/CSA-C22.2 No. 60601-1:14 • AAMI ES60601-1:2005, ES60601-1:2005/AMD1 1:2012 , ES60601-1:2005/AMD2:2021 • IEC 60601-1-6:2010, IEC 60601-1-6:2010/AMD1:2013, IEC 60601-1-6:2010/AMD2:2020 for use in conjunction with IEC 62366-1:2015, IEC 62366-1:2015/AMD1:2020, and IEC 60601-1:2005, IEC 60601-1:2005/AMD1:2012, IEC 60601-1:2005/AMD2:2020 • IEC 60601-1-2:2014, AMD1:2020

PRODUCT FEATURES *(SOME OPTIONAL FEATURES SHOWN)*



Use Instructions

Initial Product Set Up

The product has been shipped in "plug and play" condition. Initial testing should be performed to ensure that all functions are in correct working order. After performing the test and reviewing this manual the product is ready for use.

1. After removing packaging materials, locate the primary power supply cord and attach to a suitable grounded power outlet.

2. To test actuator function, locate the Hand Control and depress each button one at a time.

3. If any function does not operate, perform the test procedures listed in the Troubleshooting Guide.

Powering the Product

The product may be powered by AC power from a wall outlet or by DC power via the battery. The product is "on" when plugged into AC power or when a charged battery is installed.

While on DC power only the product may be turned off by pressing and holding the "off" button on the battery cradle for 3 seconds. Pressing the "on" button on the battery cradle will turn the product back on.

The battery may be charged by plugging in the product to AC power or by removing the battery and charging it on an external charging station.

To remove the battery, pull the release latch and lift the battery.

Note: The lifting capacity and speed of the product may be reduced while on battery power.

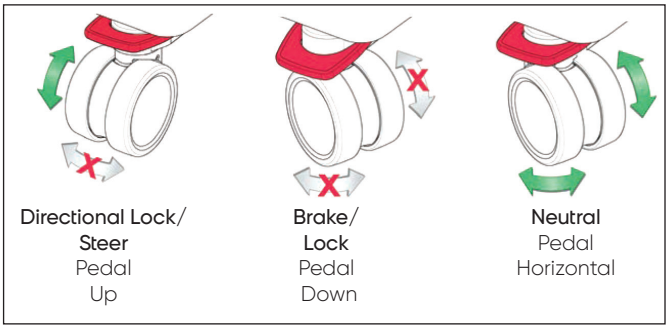
See the section "Battery Information" for indicator information and proper care for batteries.

⚠ WARNING

- *To reduce the risk of electrical shock, grounding reliability can only be achieved when the equipment is connected to an equivalent receptacle marked "hospital only" or "hospital grade."*
- *If damage has occurred to the power cord, immediately remove the cord from service. Failure to do so could result in serious injury or death.*
- *If damage has occurred to the battery, immediately remove the battery from service. Failure to do so could result in serious injury or death.*
- *The battery should be periodically inspected for damage. Replace the battery if necessary.*
- *Equipment should only be serviced by authorized personnel.*
- *The potential for electrical shock exists with electrical equipment. Failure to follow facility protocols may cause death or serious injury.*

Electric Casters

The electric casters are capable of controlling both lock, unlock and steer functions by using the pedal at each caster or by the buttons on the Hand Control. Each caster is labeled to specify the brake positions that correspond with the pedal configuration.



When the steer function is enabled on the Hand Control or manually, the casters on the patient's foot end maintain a forward facing orientation and the casters on the patient's head end will go into neutral. This is the default configuration of steer.

The casters are capable of all functions manually in the event of power loss.

⚠ WARNING

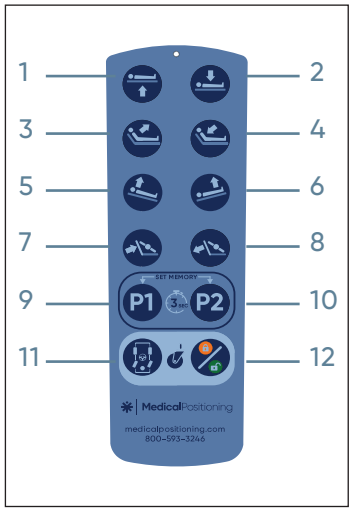
- *To reduce the risk of a potential injury, lock casters before using equipment.*
- *Once the product and patient have been properly positioned for the procedure, ensure the casters are locked and the Hand Controller is placed in a safe position to prevent unwanted contact and unwanted movement of the product surface during the procedure.*

Control

Hand Control Functions

Button Functions

1 - Height Up
2 - Height Down
3 - Fowler Back Up
4 - Fowler Back Down
5 - Reverse Trendelenburg *(optional)*
6 - Trendelenburg *(optional)*
7- Electric Patient Back Support UP
8- Electric Patient Back Support Down
9- Memory Position 1
10- Memory Position 2
11- Caster Steer
12- Caster Unlock/Lock



Surface Height Positioning (Height Up and Height Down)

The surface height may be positioned between 17"-31" (700 Series) 19"-37" (900 Series).

Fowler (Back) Positioning (Back Up and Back Down)

The Fowler section may be positioned between 0° and 85°.

Electric Patient Back Support Positioning

The Back Support section may be positioned between 0° and 75°.

⚠ **CAUTION:** Do not press and hold controller buttons for extended periods or press multiple buttons simultaneously. Doing so may initiate an unintended system reset or change operating settings.

Fowler Positioning

When the Fowler angle is less than approximately 35°, the Electric Patient Back Support has full range of motion. If the Fowler reaches approximately 35° and the Electric Patient Back Support is at any angle other than 0°, the system will emit three rapid beeps if the user attempts to increase the Fowler angle further. To increase the Fowler angle beyond 35°, the Electric Patient Back Support must first be returned to 0°. If the Fowler angle exceeds 35°, the system will emit three rapids beeps when attempting to extend the Electric Patient Back Support. To continue adjusting the Electric Patient Back Support, the Fowler must be returned to below 35°.

Trendelenburg Positioning

The EchoBed® may be adjusted between 15° Trendelenburg and 15° Reverse Trendelenburg, if equipped. The Trendelenburg positioning will pause when stationary section is in a level position.

Memory Function

The Hand Control features two programmable memory positions.

Adjust the product to the desired position. The Electric Patient Back Support will not be programmed by the memory position.

Press and hold buttons 9+10 simultaneously for 3 seconds. The control box will beep 3 times and the LED on the Hand Control begins flashing, indicating it has entered memory saving mode.

Press button 9 or 10 to assign the current position into the memory. The control box will beep 1 time when the memory position has been set.

Press and hold button 9 or 10 to recall the memory position.

If the Patient Back Support is above 0° and a memory position is recalled that would set the Fowler angle above 35°, the system will first move the Fowler to 35°, emit three beeps, and retract the Electric Patient Back Support to 0° before continuing to the programmed memory position.

Hand Control Storage

Store the Hand Control on any of the four loops, two located on the imaging side and two on the sonographer side.

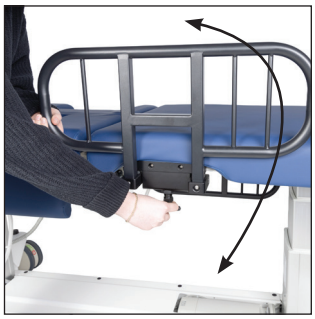
⚠ **WARNING**

- *Ensure IV lines and Oxygen tubing and other patient attachments are clear before moving product.*
- *Verify the area around the product is free of impediments before operating to prevent injury or equipment damage.*
- *Keep hands and feet clear from beneath the patient surface when lowering surface height or making positioning adjustments in order to avoid possible injury.*
- *Keep hands clear of any hinges during operation to avoid possible injury.*

Accessories

Fold-Away Safety Handrails

The Fold-Away Safety Handrails may be upright or stored by pulling the release plunger and rotating the safety handrail up or downward.



The Fold-Away Safety Handrails are stored under the support surface when not in use and automatically locked by the spring-loaded locking pin.

⚠ WARNING

- *Verify the Fold-Away Safety Handrails are secure prior to using the product and after each handrail adjustment.*
- *Verify the patient's body is clear of impediments prior to raising the Fold-Away Safety Handrails.*

Sonographer Extension with Storage Shelf *(optional)*

The EchoBed® offers an optional removable Sonographer Extension. This accessory is designed to increase the usable sitting area and enhance comfort for right-handed scanning sonographers. The extension can be added or removed as needed.

When the Sonographer Extension is not in use, the cushion stores at the foot-end of the product on a storage shelf.

To use the Sonographer Extension, remove it from its storage position.

Rotate the support bracket out from under the Fowler.

Insert the pin on the bottom of the Sonographer Extension into the opening on the support bracket. Ensure the seat is fully installed before sitting on it.

⚠ WARNING

- *Sonographer should not be seated on the Sonographer Extension when operating the actuators or moving the product.*
- *The Sonographer Extension is designed to support up to 200lbs safely.*
- *When using the Sonographer Extension, the combined weight of the patient and sonographer shall not exceed the maximum capacity of the product.*
- *The product should be positioned at the lowest reasonable height when using the sonographer's extension to ensure maximum stability.*

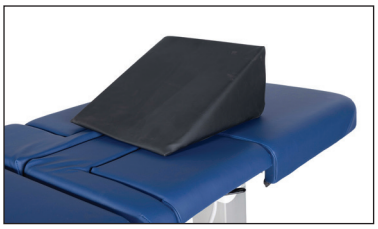
Paper Roll Holder and Cutter Strap *(optional)*

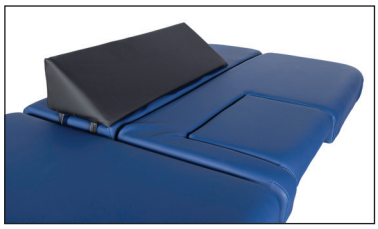
The product is compatible with an optional Paper Roll Holder equipped with an integrated strap-style paper cutter.

Accessories

Positioning Wedge *(optional)*

The product may be used with a Positioning Wedge. The Positioning Wedge can be used to achieve additional patient positions.





Grip bar *(optional)*

Use the Grip Bar to assist with movement of the unit. Installation of Grip Bar can be indicated for head or foot end of bed at time of order.

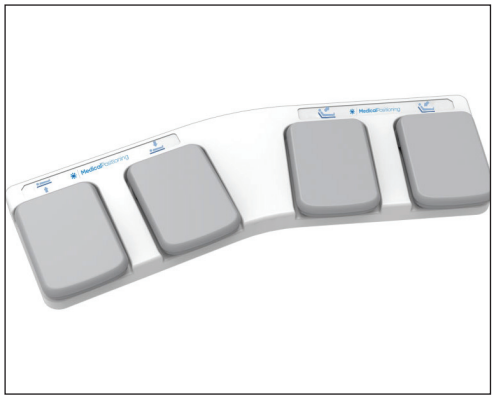
Foot Controls *(optional)*

3 Function Foot Control

1-Height Column Up
2-Height Column Down
3-Fowler Back Up
4-Fowler Back Down
5-Reverse Trendelenburg
6-Trendelenburg

2 Function Foot Control

1-Height Column Up
2-Height Column Down
3-Fowler Back Up
4-Fowler Back Down



WARNING

- *Improper placement of optional foot control cables may create a tripping hazard. Ensure cables are routed and positioned appropriately.*

Ergonomic Patient Access

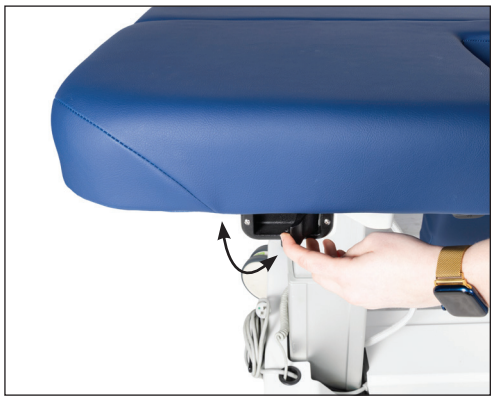
Dual rapid release imaging Drop Sections: rapid release imaging drop section and sonographer drop section

The EchoBed® is equipped with Drop Sections in the Fowler section. These Drop Sections may be lowered to provide the sonographer access to the patient.

Hold the release lever open while lowering the drop section to its open position.

To close the drop section, lift up on the drop section until the latch engages.

The Rapid Release Imaging Drop Section may also be lowered using the remote release, located on the patient right head end of the bed



⚠ WARNING

• Failure to latch Drop Sections may result in patient injury. Verify Drop Sections are locked in position before and after use.

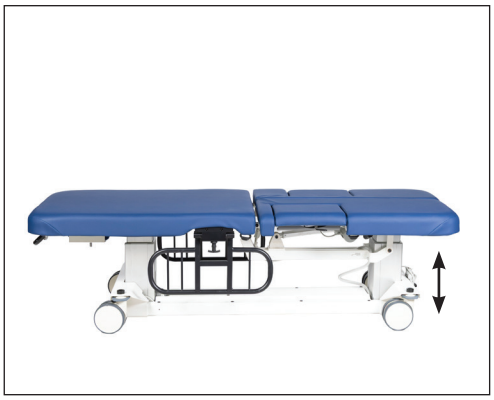
Electronic Adjustment

Electric Patient Back Support Positioning

The EchoBed® is equipped with Electric Patient Back Support. The Electric Patient Back Support Positioning system is adjustable from 0° to 75°. When raised, it provides support for a patient positioned on their side during imaging procedures. The back support may be repositioned while supporting loads up to 200lbs (90.7kg).

Height Positioning

The surface height may be adjusted between
17"–31" (700 Series) 19"–37" (900 Series)



Trendelenburg Positioning

Trendelenburg may be adjusted between 15° Trendelenburg and 15° Reverse Trendelenburg.

Fowler Positioning

The Fowler section may be adjusted between 0° and 85°.

Battery Information

The rechargeable battery must be charged periodically for at least 24 continuous hours to protect the battery from fully discharging. If the battery is not charged for an extended period of time, it may lose its ability to hold a charge and will require replacement. The battery may be charged by plugging the EchoBed® into AC power or by using the optional external battery charger listed in the Replacement Parts and Upgrade Kits section of this manual.

If the product is being stored for an extended period of time it is recommended the battery be charged for at least 24 hours every 6 months.

The service life of the battery depends on many factors. For the longest service life, keep the battery charged. The system is recommended to be continually connected to mains in a state of float charge. The battery will begin to deplete when left disconnected from mains. The single factor most determinate to battery life is the number of complete discharge/recharge cycles. If the battery is fully depleted before recharging, performance is expected to severely degrade after only approximately 200 cycles. Your battery service life will vary according to your specific usage. If the battery is left in storage for greater than 6 months without charging, it may be damaged and no longer capable of holding a functional charge.

The battery should be charged continuously at least 24 hours under the following circumstances:

- First Operation
- Before long period storage without AC-in
- First operation after long period storage

⚠ WARNING

- *The lifting capacity of the product is reduced while on battery power. The product will only lift a 500lb patient from the minimum height.*

The battery charge level is indicated by the LED on the battery cradle. The following table provides an overview of battery status:

STATUS	LED INDICATOR	BATTERY LEVEL
Hi Charging	Green – Continuous On	>80%
Charging	Green – Blinking (1 sec on / 1 sec off)	<80%
Hi Battery	Green – Blinking (.5 sec on / 4 sec off)	>25%
Low Battery	Orange – Blinking (.5 sec on / 4 sec off)	<25%
Protection	LED is off	<20%
Failure	Orange – Continuous On	-

DUTY CYCLE	10%, 2 minutes continuous use, 18 minutes not in use
CHARGE TIME	Approx 24 hours (continuous)
RECHARGING DURING STORAGE	First recharge of the battery must be no later than 6 months after the production date stated on the label. Hereafter the battery must be recharged at least every 6 months.
OPERATING TEMPERATURE	+ 5 °C to + 45 °C
STORAGE TEMPERATURE	-10 °C to + 50 °C The batteries must be stored in an applicable storage room without direct sunlight.

Model: TBB7
Power Rating: 2.9 Ah
Type: Lead-acid battery
IP Rating: IP54

⚠ WARNING

- *DO NOT heat or burn the battery*
- *DO NOT short circuit the battery*
- *DO NOT expose the battery to high impact*
- *DO NOT crush or puncture the battery*
- *DO NOT use batteries with signs of damage or corrosion*
- *DO NOT charge or store the battery near combustible material*
- *DO NOT expose the battery to water or other liquids*

Replacing the Power Cord

The product has a detachable power cord.

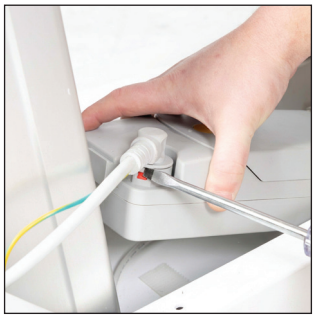
Use a flat head screwdriver to pry cover up from the unit.

Remove the cover.

To remove AC cord from the product, free the ground wire by removing screw with a 5/32" tamper-proof torx driver or equivalent and a 3/8" wrench.

Remove control box from the base, which is fastened by hook and loop.

Pull AC cord out from the control box by using a small flathead to push the red safety clip out.



Remove black plug to help assist in removal of the AC cord.

Pull AC cord out, and discard old cord

Guide new AC cord through the black plug and hole. insert back plug onto hole. Install AC cord into the control box.

Reinstall the control box. Reinstall ground wire to the base and screw with a 5/32" tamper-proof torx driver or equivalent and a 3/8" wrench.

Place the cover back onto the unit and secure push pins in place.

⚠ WARNING

- *Power cord can be replaced by qualified and approved service personnel.*
- *Improperly secured cords can cause serious injury to the operator or patient.*

Removing and Replacing the Battery for External Charging

The battery may be removed for external charging by pulling the release latch and lifting the battery.

The battery may be replaced by sliding the battery into the tray and pressing it down into place.

⚠ WARNING

- *Equipment should only be serviced by authorized personnel.*
- *The battery should be periodically inspected for damage. If damage has occurred to the battery, immediately remove the battery from service. Failure to do so could result in serious injury or death.*
- *The potential for electrical shock exists with electrical equipment. Failure to follow facility protocols may cause death or serious injury.*

Relocating the Product (transporting from location to location)

Before repositioning the product, remove all load from the device. Stow away any accessories. Release the caster locks and relocate the product. Re-engage the caster locks before reloading the device.

The device is not intended for patient transport.
Prior to moving the device to a new location:

- Remove all load from the device.
- Stow the sonographer seat extension, if present.
- Position the device to a level position (Fowler down, back support down, no Trendelenburg)
- Release the caster locks.
- Move the device to the desire location.
- Engage the caster locks before placing any load on the device.

⚠ WARNING

- *The EchoBed® is not to be used to transport patients. With exception of slight repositioning, as detailed in the usage instructions, never disengage floor locks when patient is on EchoBed®. Failure to heed this warning can result in injury to both the patient and the staff.*

Medical Electrical Equipment Classifications

ATTRIBUTE	SPECIFICATION
Type of protection against electric shock	• Class I ME Equipment
Degree of protection against electric shock (Type of applied parts)	• Type B applied part • Padded surfaces
Mode of operation	• Duty cycle 10 %max, 2 min ON / 18 min OFF
Ingress Protection Code (protection against intrusion, dust, accidental contact, and water)	• TiMotion Column TL3– 4000N – IPX4 • TiMotion TC21 Control Box – IP66 • TC14 Control Box – IP66 • TiMotion TBB7 Battery – IP54 • TA38 Actuator – IP54 • TA23 Actuator – IP66 • TH12 Hand Control – IP66 • Fallshaw Trinity EBC Casters – IPX5 • TiMotion TYC Cable – IP54 • TiMotion TEC Extension Cables – IP54 • TiMotion TLB Splitter Box – IP66 • IPX0
Method(s) of sterilization or disinfection	• Not intended to be sterilized or disinfected

IP Rating Definitions:

- IPX4: Protection against ingress of splashes from all directions
- IPX5: Protection against water jet from all directions
- IP54: The product is fully protected against solid objects and splashing of water from any angle.
- IP66: Protection from ingress and water.

Electromagnetic Emissions Guidance

The product use components that meet the requirements for IEC 60601-1-2. Other products that are used in the vicinity of this product should also comply with this standard. If they do not comply, electromagnetic interference between the products could cause the products to operate incorrectly. If problems do occur, contact the product manufacturer(s).

Make sure the product operates correctly when used near other electronic devices. Portable and mobile radio frequency (RF) communications equipment can affect electrical equipment.

⚠ WARNING

- *If the product is used adjacent to other electrical equipment, observe this product and the other electrical equipment to make sure they operate as intended.*

Electromagnetic Compatibility

Medical electrical equipment needs special precautions regarding electromagnetic compatibility (EMC) and needs to be installed and put into service according to the EMC information provided in this user manual.

Portable and mobile radio frequency (RF) communications equipment can affect medical electrical equipment.

GUIDANCE AND MANUFACTURER'S DECLARATION - ELECTROMAGNETIC IMMUNITY

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

EMISSIONS TEST	COMPLIANCE	GUIDANCE
RF Emissions CISPR 11	Group 1	This product 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 A	The product 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. The EMISSIONS characteristics of this equipment make it suitable for use in industrial areas and hospitals (CISPR 11 class A). If it is used in a residential ENVIRONMENT (for which CISPR 11 class B is normally required) this equipment might not offer adequate protection to radio-frequency communication services. The user might need to take mitigation measures, such as relocating or reorienting the equipment.
Harmonic Emissions IEC 61000-3-2	Per Standard	
Voltage Fluctuations/ Flicker Emissions IEC 61000-3-3	Per Standard	

IMMUNITY TEST	IEC 60601 TEST LEVEL	COMPLIANCE LEVEL	GUIDANCE
Electrostatic Discharge IEC 61000- 4-2	± 8 kV Contact ± 2 ± 4 ± 8 ± 15 kV Air	± 8 kV Contact ± 2 ± 4 ± 8 ± 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 100kHz repetition frequency – AC Mains	± 2 kV 100kHz repetition frequency – AC Mains	Mains power quality should be that of a typical commercial or hospital environment.
Surge IEC 61000-4-5	± 0.5 kV, ± 1 kV line to line ± 0.5 kV, ± 1 kV, ± 2 kV line to ground	± 0.5 kV, ± 1 kV line to line ± 0.5 kV, ± 1 kV, ± 2 kV line to ground	Mains power quality should be that of a typical commercial or hospital environment.
Voltage Dips, Short Interrupts, & Variations on Power Supply Lines IEC 61000-4-11	0% U_T (>95% dip in U_T) for 0.5 cycles 0% U_T for 1 cycles 70% U_T (30% dip in U_T) for 25 cycles 0% U_T (>95% dip in U_T) for 250 cycles	0% U_T (>95% dip in U_T) for 0.5 cycles 0% U_T for 1 cycles 70% U_T (30% dip in U_T) for 25 cycles 0% U_T (>95% dip in U_T) for 250 cycles	Mains power quality should be that of a typical commercial or hospital environment. If the user of the product requires continued operation during mains interruptions, it is recommended that the product be powered from an uninterruptible power supply or a battery.
Power Frequency Magnetic Fields	30 A/m 50 or 60 Hz	30 A/m 50 or 60 Hz	Power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercial or hospital environment.
IEC 61000-4-8 Clause 8.11	65 A/m 134.2 kHz PM 2.1 kHz 7.5 A/M 13.56 MHz PM 50 kHz	65 A/m 134.2 kHz PM 2.1 kHz 7.5 A/M 13.56 MHz PM 50 kHz	

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

IMMUNITY TEST	IEC 60601 TEST LEVEL	COMPLIANCE LEVEL	GUIDANCE
Conducted RF IEC 61000-4-6	3 V 0.15 MHz to 80 MHz 6V in ISM bands between 0.15 MHz to 80 MHz 80% AM at 1 kHz	3V	Filed strengths from fixed RF transmitters, as determined by an electromagnetic site survey, [a] 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: 
Radiated RF IEC 61000-4-3	3 V/M 80 MHz to 2.7 GHz 80% AM at 1 kHz	3 V/m	

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 product is used exceeds the applicable RF compliance level above, the product should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as reorienting or relocating the product.

[b] Over the frequency range 150 kHz to 80 MHz, field strengths should be less than [V1] V/m.

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

⚠ WARNING

- *Use of this equipment adjacent to or stacked with other equipment should be avoided because it could result in improper operation. If such use is necessary, this equipment and the other equipment should be observed to verify that they are operating normally.*
- *Use of accessories, transducers, and cables other than those specified or provided by the manufacturer of this equipment could result i in increased electromagnetic emissions or decreased electromagnetic immunity of this equipment and result in improper operation.*
- *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 EchoBed® including cables specified by the manufacturer. Otherwise, degradation of the performance of this equipment could result.*

Preventive Maintenance

A regular preventive maintenance program should be established for all MedicalPositioning, Inc. equipment to ensure it is in safe operating condition. Preventive maintenance may need to be performed more frequently based on the usage level of the product. The following preventative maintenance should be performed at a minimum annually. If any of these checks fail, repair, or replace the part as applicable.

MedicalPositioning recommends that a written record is maintained of inspections of this product.

Recommended Preventive Maintenance checks should include:

- Visually inspecting all fasteners (bolts, nuts, screws, etc.) to ensure all are fully installed. Tighten as necessary.
- Visually inspect all mechanical assemblies and moving parts on the product ensuring smooth, steady operation.
  - Verify: • Fold-Away Safety Handrails move and lock properly
- Operate all motors to ensure full extension, retraction, and correct operation. The motors are permanently lubricated and require no additional lubrication.
  - Verify: • Electric Back Support is operating properly
    - Trendelenburg is operating properly (if applicable)
    - Height columns raise and lower the product properly
    - Fowler is operating properly
- Operate the braking system to ensure proper engagement of the caster and swivel lock mechanism. Replace as necessary.
  - Verify: • Casters are secure, swivel properly, and lock securely
- Visually inspect all electrical cables and wires for signs of abrasion or other damage. If damaged, replace.
- Visually inspect all electrical connections to ensure they are fully and properly connected. Reconnect as necessary.
- Visually inspect the Hand Control. If damaged, replace.
- Operate all latch mechanisms to ensure proper engagement of latch into receiver. Adjust if necessary.
- Operate all accessories to ensure proper attachment and operation. Tighten, adjust, or replace if necessary.
- Visually inspect the battery for damage. Replace the battery if necessary.
- Visually inspect the external battery charger (if equipped) for damage. Replace charger if necessary.
- Visually inspect surface support padding for rips or cracks.
- Unauthorized modification of this product voids any applicable warranty.

This section applies to all people that may interact with the equipment, including radiologists and service personnel. Never service equipment while a patient is on the device.

If there is any doubt about the continued safe use of your product or if any of its parts should fail or become worn, discontinue use of the product, and contact our Product Support team or your local distributor for replacement parts immediately. Repair or replacement should be conducted by authorized personnel only.

The manufacturer will make available on request circuit diagrams, component part lists, descriptions, calibration instructions, or other information that will assist service personnel to repair those parts of ME equipment that are designated by the manufacturer as repairable by service personnel.

⚠ WARNING

- *No modification of this equipment is allowed.*
- *Equipment should only be serviced by authorized personnel.*
- *Removal of secured covers may increase the risk of electrical shock. Refer servicing to qualified and authorized personnel.*
- *The potential for electrical shock exists with electrical equipment. Failure to follow facility protocols may cause death or serious injury.*
- *Do not service the device while in use with a patient.*

Cleaning & Care Information

Plastic and Painted Surfaces

The painted metal and plastic surfaces can be cleaned with normal cleaners and disinfectant. The preferred method of everyday cleaning is using a soft cloth or sponge with mild soap and water or disinfectant. Spills and accidents require immediate attention for the best results. When caught quickly, most stains such as grease, blood and felt tip pens can be wiped right off. Mild soap and water is the preferred method; however, typical hospital-grade antiseptic wipes work as well. For more stubborn stains, a variety of concentrated and solvent type cleansers may be used without damaging the surface as it is wiped dry.

Always start with the mildest cleaning agents first. Never use harsh powdered abrasive cleansers or steel wool. Products containing bleach, ammonia or alcohol should be wiped from the surface with a wet cloth after use. Residue from these products will damage plastic and painted surfaces.

STEP	ACTION
1	Clean and/or disinfect with liquid cleaner of choice being careful to follow label instructions provided with cleaner. (Always test a small area first to determine suitability of solution)
2	Wipe the surface clean with a damp cloth after applying cleaners and disinfectant to remove excess residue buildup.

Modena EcoSense fabric

The upholstered surfaces can be cleaned in one of the following ways:

The preferred method of everyday cleaning is using a soft cloth or sponge with mild soap and water or disinfectant. Spills and accidents require immediate attention for the best results. When caught quickly, most stains such as grease, blood and felt tip pens can be wiped right off. Mild soap and water is the preferred method; however, typical hospital-grade antiseptic wipes work as well. For more stubborn stains, a variety of concentrated and solvent type cleansers may be used without damaging the surface as long as they are thoroughly rinsed off with water.

Always start with the mildest cleaning agents first. Never use harsh powdered abrasive cleansers or steel wool. Products containing bleach, ammonia or alcohol should be wiped from the surface with a wet cloth after use. Residue from these products will damage upholstered surfaces.

STEP	ACTION
1	Clean and/or disinfect with liquid cleaner of choice being careful to follow label instructions provided with cleaner. (Always test a small area first to determine suitability of solution)
2	Wipe the surface clean with a damp cloth after applying cleaners and disinfectant to remove excess residue buildup.

	RECOMMENDED MAXIMUM CLEANER TO WATER SOLUTIONS
MILDEST	1:9 mix of pH neutral soap and water. Use a soft white cotton cloth saturated with cleaning material. Wipe surface with damp cloth with water only after cleaning.
	Straight application of pH neutral soap. Use a soft white cotton cloth saturated with cleaning material. Wipe surface with damp cloth with water only after cleaning.
	Straight application of medical Sani-wipes. Wipe surface with damp cloth with water only after cleaning. Wipe surface with damp cloth with water only after cleaning.
	1:10 mix of common cleaner and water. Use a soft white cotton cloth saturated with cleaning material. Wipe surface with damp cloth with water only after cleaning.
	Straight application of common cleaner. Use a soft white cotton cloth saturated with cleaning material. Wipe surface with damp cloth with water only after cleaning.
	1:9 mix of isopropyl alcohol and water. Use a soft white cotton cloth saturated with cleaning material. Wipe surface with damp cloth with water only after cleaning.
	1:1 mix of isopropyl alcohol and water. Use a soft white cotton cloth saturated with cleaning material. Wipe surface with damp cloth with water only after cleaning.
STRONGEST	1:9 mix of 5% bleach and water. Use a soft white cotton cloth saturated with cleaning material. Wipe surface with damp cloth with water only after cleaning.

This information is not a guarantee and does not relieve the user from the responsibility of proper and safe use of the product and all cleaning agents.

⚠ WARNING

- *It is recommended that the product be cleaned between patients; please follow your facility's documented policy.*

⚠ CAUTION

- *Substances such as imaging gels, alcohol, and barium swallow mixtures will not damage the fabric surface when immediately removed. Studies have shown that exposure for longer than a few minutes can damage the top coat and will eventually discolor fabric.*
- *Always read manufacturer's instructions and warnings before using any cleaning product or disinfectant.*
- *Do not use abrasives to clean painted surfaces.*

Product Support

A "**Troubleshooting Guide"** is included to instruct you in the event of a malfunction. If you are experiencing any of the following symptoms, this guide may help you quickly solve the problem. If, after consulting this guide, you are still unable to operate your product please contact MedicalPositioning at 1-800-593-3246. Please have the following information ready when you call:

1. Model Number or Name of Product
2. Serial Number
3. Date Received
4. Condition When Received
5. Symptom (or problem) Encountered & Result of Troubleshooting Procedure
6. Contact Information
7. Email and call back number
8. Department of Contact

Troubleshooting Guide

SYMPTOM	PROBABLE CAUSE	SUGGESTION
NO ACTUATOR FUNCTION ACTUATOR(S) NOT RUNNING	Power cord not plugged all the way into wall receptacle.	Push power cord securely into receptacle.
	Power outlet receptacle not supplying AC power.	Check power availability or plug unit into another receptacle.
	The power cord may be separated from the control box.	Securely press power cord into control box.
	Battery may be drained.	Replace or charge battery.
	Actuator cord may be unplugged.	Push actuator cords securely into actuator receptacle.
	Product was overloaded and tripped internal fuse in control box.	Replace control box.
	Position loss error	Complete control box reset, press and hold Hand Control button 1 and 11 simultaneously. While holding both buttons the Fowler actuator is fully extended and the Height Columns are fully extended and the Electric Patient Back Support actuator retracts. *(Refer to PG. 6 for Hand Control Functions)*
CONTROL BOX BEEPS	Control system limits certain product positions. 3 Beeps indicate limit positions have been reached.	Normal operation, no action necessary. Return the product to center position to restore full range of motion.
	Control box will beep 1 time when memory function is set.	Normal operation, no action necessary.
	Control box will beep 1 time when control caster lock/unlock/steer function is activated.	Normal operation, no action necessary.
	Battery may be drained.	Replace or charge battery.
SQUEAKING NOISES DURING OPERATION	Actuator pins are not sufficiently lubricated.	Apply WD40 or similar lubricant to actuator pins.
BEEPING SOUND WHEN PRESSING A FUNCTION ON THE HAND WAND	A caster function is being initialized.	Normal operation, no action necessary.

⚠ WARNING

- *Do not modify this equipment without authorization of the manufacturer.*
- *Removal of secured covers may increase the risk of electrical shock. Refer servicing to qualified personnel.*
- *The battery should be periodically inspected for damage. Replace the battery if necessary.*

TC21 Control Box Audible/Visual Indicator Definitions

SOUND DESCRIPTION	WHAT IT INDICATES	WHAT IS THE SOUND
Function locked indicator	This is when the Fowler is trying to exceed a limit with the back support at any angle	Beep beep beep 3 beeps in quick succession
Position reset indicator	The position reset function has completed.	Beep
Memory Set	The memory function has been successfully set.	1 beep with a 1.5 sec duration LED shall flash 3 times and control box shall beep 1 beep with a 1 sec duration

Parts and Upgrade Kits

The following items are parts or upgrade kits for the EchoBed®.

PART #	PART DESCRIPTION
15395	Battery
16494*	AC Power Cord, US, 4M, TC21
16568	AC Power Cord, CAN, 2.5M, TC21

*Not available for Canadian Market

PART #	KIT DESCRIPTION
17563	Grip Bar Kit – Foot End
17573	Grip Bar Kit – Head End
17565	Sonographer Seat Extension Kit
10098	Paper Roll Holder and Cutter
10097	Pediatric Adapter
17566	3 Function – Foot Control TSF8
17567	2 Function – Foot Control TSF5
17661	Hand Control with Trendelenburg
17660	Hand Control without Trendelenburg
15508	External Battery Cradle (includes the Cradle and Plug)
16030	Battery Kit (includes the Battery and the Bed Cradle)
16397	Extra Battery with External Battery Charger Kit (Spare Battery, External Charging Cradle, Charging Cord)

Declaration of Conformity

The EchoBed® is listed as a Class I Medical Device under US regulations.

MedicalPositioning, Inc. as manufacturer with sole responsibility declares that the EchoBed® conforms to the requirements of 21 CFR Part 820, CAN/CSA-C22.2 No. 60601-1:08, CAN/CSA-C22.2 No. 60601-1:14, IEC 60601-1 General Requirements for basic safety and essential performance, IEC 60601-1-2 Electromagnetic disturbances, IEC 60601-1-6 Usability, IEC 62366 Usability Engineering for Medical Devices, and ISO 14971 Risk Management in Medical Devices.

Return Policy

MedicalPositioning accepts returns of unused products within 30 days from the date of delivery, irrespective of any inspection period. Returns are subject to a 30% restocking fee, any applicable duties or taxes and quality inspection. No product may be returned without prior written authorization from MedicalPositioning. The customer is responsible for all shipping charges and any applicable duties or taxes incurred in connection with a return.

WAR093-A

Warranty

EchoBed®

5 YEAR WARRANTY

MedicalPositioning, Inc. warrants and represents that this product will be free from material and workmanship defects during the period indicated above (the "Warranty Period"), commencing with tender of delivery as defined in Uniform Commercial Code § 2-503, irrespective of any inspection period and provided that the product is maintained and operated in accordance with MedicalPositioning's specifications.

If the product fails due to a manufacturing defect, MedicalPositioning will, at its sole expense and discretion, repair the product, authorize repairs to the product, or replace the product. MedicalPositioning will ship any replacement products or parts using standard shipping rates; if the customer requires expedited shipping of replacement products or parts, the customer is responsible for paying shipping costs above standard rates.

Preventative maintenance and repairs due to damage by use, accident, improper care, negligence, or other non-defect related failures are not covered by this warranty. This warranty is void as to products that have been modified without the advance written permission of MedicalPositioning.

OTHER THAN AS SET FORTH HEREIN, MEDICALPOSITIONING MAKES NO WARRANTY WHATSOEVER, EITHER EXPRESSED OR IMPLIED, WITH RESPECT TO THIS PRODUCT. MEDICALPOSITIONING SPECIFICALLY DISCLAIMS THE (a) IMPLIED WARRANTY OF MERCHANTABILITY; (b) WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE; AND (c) WARRANTY AGAINST INFRINGEMENT OF ANY PATENT, COPYRIGHT, TRADEMARK, TRADE SECRET OR OTHER PROPRIETARY RIGHTS OF A THIRD PARTY; WHETHER ARISING BY LAW, COURSE OF DEALING, COURSE OF PERFORMANCE, USAGE OF TRADE OR OTHERWISE.

This warranty is nontransferable. The remedies provided under this warranty are the customer's sole and exclusive remedies. In no event will MedicalPositioning be liable for any direct, indirect, special, incidental, consequential damages or lost profits or income whether based on contract, tort, or any other legal theory.

MedicalPositioning, Inc.
9732 Pflumm Road
Lenexa, Kansas 66215
(816) 474-1555
(800) 593-3246
Fax (816) 474-7755

medicalpositioning.com

MedicalPositioning