



TITAN

Fully Integrated/Total Electric Low/Bed

USER/PARTS MANUAL

MODEL

TITAN-ILB600

**TELE-MADE, INC
3215 HUFFMAN EASTGATE RD
HUFFMAN, TX 77336
281 324-2900
FAX 281-324-3090**

TABLE OF CONTENTS

Important Safety Information	1
Operational Instructions	
Bed Frame	2
Integrated Low Air Loss System	3
Patient Restraints	4
Patient Transfers	4
Transporting the Bed Frame	4
Side Rail Adjustments	4
Warranty	5
Assembly Instructions	5
Technical Specifications	6
Classifications and Standards	6
Parts List	7
Motor Assembly	7

TITAN BED

SAFETY

IMPORTANT SAFETY INFORMATION

1. Please read the entire manual before operation the bed. Failure to read the manual can cause injury or undue stress on the equipment or yourself.
2. **Do not exceed the 600 lb. weight capacity** of the bed frame.
3. Insure that the side rails are in the upright position when the patient is in the bed.
4. Run the power supply cord under the bed to insure safety from running over it or accidentally unplugging the unit.
5. When the bed is in use make sure the casters are locked in place.
6. Make sure the head of the bed frame is not touching the wall to insure there is no damage to the wall or the bed frame.
7. When transporting a patient into the bed make sure that the bed frame is at its lowest position and the air mattress is fully inflated for an easy transport.
8. When restraints are used, be sure to attach to some part of the bed that articulates when the gatches are raised and lowered. Failure to do so could result in the restraints injuring the patient.

OPERATIONAL INSTRUCTIONS

Bed (hi/low) function – press and hold the up or down buttons on the handset with the picture of the bed. This will raise and lower bed.

Head (up/down) function – press the top buttons on the handset with the picture of the head up or down.

Foot (up/down) function – press the bottom buttons on the handset with the picture of the foot up or down.

Trendelenburg function – press the buttons on the handset with the picture of the bed in the trendelenburg position.

Integrated Low Air Loss System

The TITAN Integrated LAL System incorporated Low Air Loss therapy techniques to reduce interface pressures on the skin surface. When the patient is placed on the mattress surface, the mattress firmness is adjusted with the firmness controls to allow as much of the body surface to come in contact with the surface as possible. This distributes the body weight uniformly across the mattress surface.

Air is released through the openings in the top of each air cell to remove water vapor that has transpired through the top cover and to allow air to flow through the top cover onto the patient's skin. This reduces the effect of excessive moisture on the skin and can assist in the healing wounds to the skin.

System Controls

The function of each key is described below:

Firm: This key causes the mattress surface to become firmer. The firmness level selected is displayed by the number of L.E.D.'s. 1 is the softest and 10 is the firmest.

Soft: This key causes the mattress surface to become softer. The firmness level selected is displayed by the number of L.E.D.'s. 1 is the softest and 10 is the firmest.

Auto Firm: This key causes the mattress to inflate to maximum firmness for positioning the patient on the bed.

Low Air Loss: This key is used to cancel the pulse mode. Pressing this key causes the mattress to enter the low air loss mode that equalizes pressure in (3) mattress zones.

Pulse: This key changes the pressure every (30) seconds.

Lockout: **THIS IS A HIDDEN KEY** the flag must be held down for three seconds or until L.E.D. is illuminated next to the key. This prevents accidental changing of the operating mode. **Exit lockout by pressing the flag (1) time.**

Instructions for Proper Use

For patient comfort, adjust pressure by pushing the "soft" or "firm" buttons. After adjustment, assure proper inflation of air cells by placing hand under the air cells making sure four (4) fingers can slide between the patient's buttocks and the underlying foam base. This will assure no bottoming out of patient to bed pan. Check patient at least every eight (8) hours to assure proper system inflation.

Air Filter: Air Filter is accessible from underneath center of bed. Pull on plastic retainer to gain access to foam filter. Periodically hand wash filter part pat dry and re-assemble.

CPR: To deflate mattress for CPR push power button, turning air supply off. Disconnect air supply main line, deflating mattress.

PATIENT RESTRAINTS

If patient restraints are used, they must be attached to some part of the bed that articulates when the gatches are raised and lowered. Failure to do so could result in the restraints injuring the patient.

PATIENT TRANSFERS

- 1) Set the brake on all wheels.
- 2) Adjust the bed to match the transfer height (it is always better to transfer down).
- 3) Lower the side rails or remove them.
- 4) Firm mattress (Auto Firm)
- 5) Use a hospital sheet or draw sheet and appropriate number of personnel to lift the patient on/off the bed.

TRANSPORTING THE BED FRAME

- 1) Unplug the bed before transporting out of the room or down the hall.
- 2) For best stability lower the bed before rolling.
- 3) Use a minimum of two persons when moving the bed for added stability.
- 4) **USE CAUTION** when moving the bed in/out of elevators, or when rolling on uneven surfaces. Failure to use caution can result in injury to equipment or persons.

SIDE RAIL ADJUSTMENT

Side rails rotate up and down with a spring loaded pull pin locking in place. Make sure side rails are locked when in up position.

WARRANTY

(5 YEAR) METAL BED FRAME

(2 YEAR) LINAK MOTORS & MECHANICAL PARTS

(2 YEAR) INTEGRATED AIR SYSTEM

Tele-Made, Inc. warrants to the original purchases against manufacturers defects in material and/or workmanship for the indicated, from the date of the purchase under normal usage. Tele-Made, Inc.'s warranty does not include labor in the field. Only labor performed at Tele-Made's facility is free during the warranty period (freight no included).

QUESTIONS OR COMMENTS

CALL US AT (281) 324-2900

FAX (281) 324-3090

ASSEMBLY INSTRUCTIONS

The TITAN Bariatric bed ships in 1 section for ease in shipping and handling.

- Step 1 Remove bed from packaging and pallet.

- Step 2 Plug in hand control.

- Step 3 Add head and foot boards.

- Step 4 Run bed through complete operational test.

TITAN-ILB600

TECHNICAL SPECIFICATIONS

Total length	93”
Sleep surface	84”
Urethane air cells	20 each, 8” height
Weight capacity	600 lbs.
Bed deck low	7”
Bed deck high	30”
Caster size	3”
Total weight (Bed Only)	420 lbs.
Power requirements	120V AC 60Hertz
Motors	DC Volts
Battery backup	Yes
Air supply	200 Liter per minute

CLASSIFICATION AND STANDARDS

The TITAN Integrated Low Bed is designed and manufactured to meet the following equipment classifications and standards:

Technical and Quality Assurance	IEC-60601-1
Equipment Classification per IEC-60601-1	Class 1 equipment, internally powered equipment.
Degree of protection against electric shock	Type B
Degree of protection against the pressure of flammable anesthetic mixtures	Not for use with flammable anesthetics. Not to be used with oxygen tents. Use oxygen administered equipment of the nasal, mask, or ventilator only.

TITAN-ILB600

Model ILB600

PARTS LIST

DESCRIPTION

PART#

Side Rail	TITAN-SR/AB
Pull Pin & Nut	TITAN-LB600-PPIN
Base Frame Head End	100BFHE
Base Frame Foot End	100BFFE
Head Deck	100HD_____WIDTH
Upper Leg Deck	100ULD_____WIDTH
Lower Leg Deck	100LLD_____WIDTH
Transfer Caster Bar	100TCB
Locking Casters	3" LOCK CASTER
Swivel Casters	3" STEER CASTER
Air Cells	AIR BLAD
Blower Assembly	AMETEK BLOWER
Top Cover	ILB600-TC

MOTOR ASSEMBLY

Head Motor	LA31HEAD
Knee/Foot Motor	LA31KNEE
Hi/Low Motor	LA31HILOW
Control Box	CONTROL BOX
Battery Backup	BATTERY
Hand Control	TITAN-HC