

THERA-TURN MILLENNIUM

Lateral Rotation

Low Air Loss

Mattress
replacement
system



Advanced Digital and
Sensor Technology in a
portable Lateral Rotation and
Low Air Loss Mattress System,
unmatched in patient comfort and
unparalleled in its flexibility.

A new era in Lateral Rotation therapy

Superior rotation, unmatched comfort and unparalleled flexibility, the Thera-Turn system is a microprocessor controlled, therapeutic Lateral Rotation and controlled Low Air Loss mattress system designed to accommodate a wide range of patient weights.

It is widely recognised that immobility can lead to serious physiological complications. The Lateral Rotation feature of the Thera-Turn system supplies a continuous turning motion through sequentially inflating and deflating air cells to rotate the patient up to 40°. This turning motion helps to reduce the risk of pulmonary complications, as well as other medical conditions associated with immobility. Six vertical air cells are individually zipped in place to maintain correct positioning. The outer edge cells (bolsters) remain inflated to help support and position the patient.

The controlled Low Air Loss (LAL) feature provides an optimum temperature environment to assist in patient comfort. LAL therapy is delivered through a patented SenTech Coverlet that provides a flow of diffused air directly to the patient's skin through thousands of micro-vents. This air flow helps regulate heat and moisture and prevent tissue breakdown. In addition, the mattress fabric is designed to provide an anti-shear surface to minimise skin friction.

The Thera-Turn electronic controllers provide a real-time display of the mode, duration, and extent of turn. The amount of pressure to support a patient can be set automatically based on patient height and weight or can be manually set for custom configurations while in the central hold position. The whisper quiet control unit includes a built-in maintenance screen to assist with immediate answers. Whether assistance with patient set-up or operation is only a push-button away.



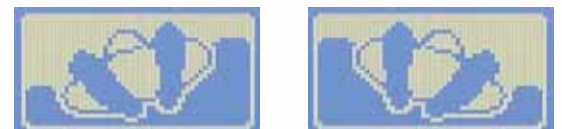
electronic controller



Interactive Set up function



Low Air Loss

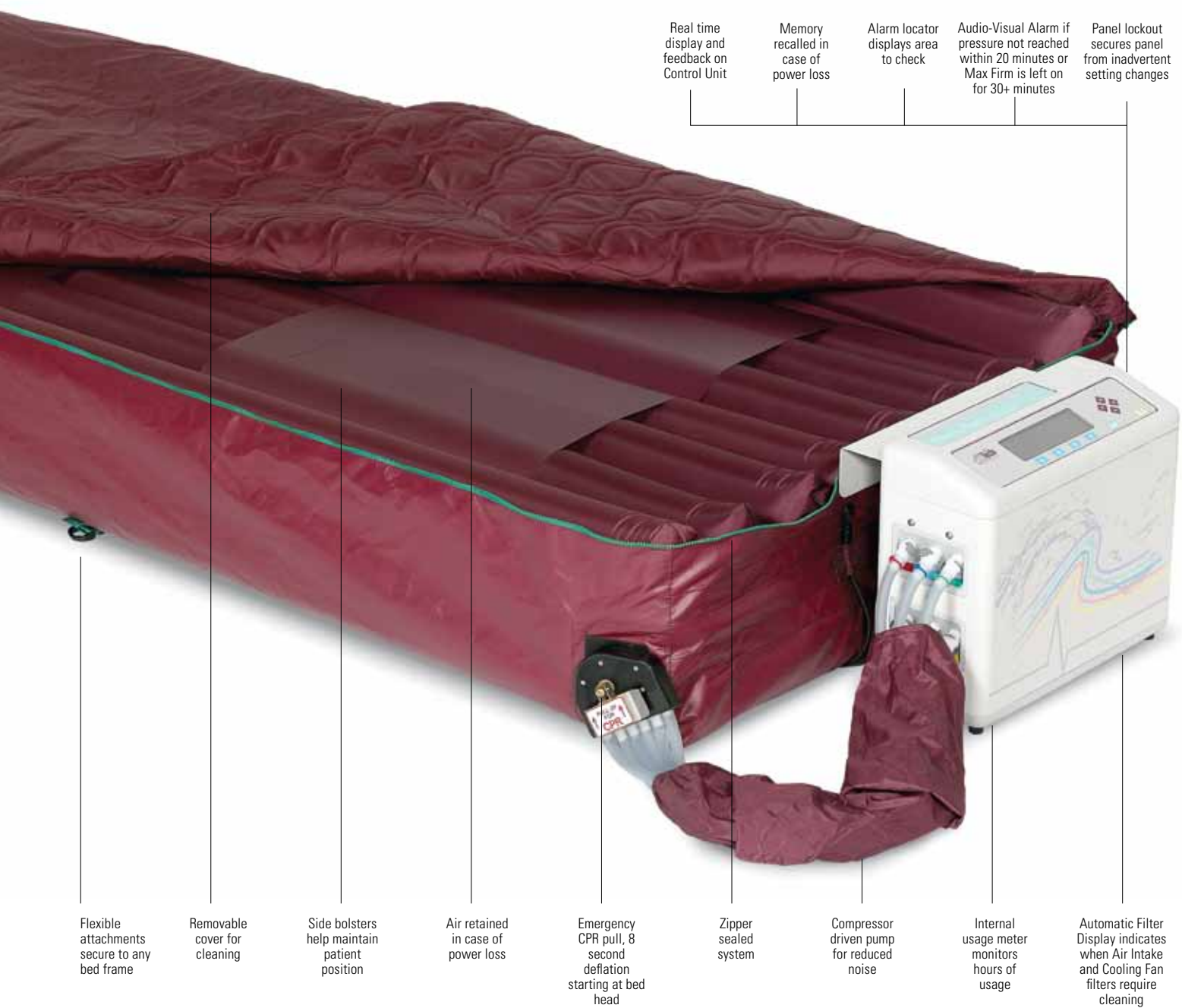


Patient Turning



Feature	Function	Benefit
Lateral Rotation	Automatically turns patient up to 40°	Reduces the risk of pulmonary and other medical complications associated with immobility
Angle of turn	Choice of four pre-programmed angles of patient turn: Off, Gentle, Moderate and Maximum (turning angle can be independently set)	Optimal medical effect and patient comfort
Cycle control	Rotate patient to left, centre, right and centre again using the motion of inflating and deflating air cells	Maximum patient therapy can be achieved by selecting degree of turn and length of time in each position
Frequency of turn	Desired turning duration can be set between 4 and 90 minutes (frequency can be independently set)	Optimal medical effect and patient comfort
Hold Position	The automatic turn cycle can be halted and the patient held in left, right or central position, at the gentle, moderate or maximum angle	Better positioning for care giver or nursing access
Low Air Loss (LAL)	Activate thousands of microscopic air-vents in the patented SenTech Coverlet to provide diffused airflow directly to the patient's skin, suitable for flap, graft and burn patients	Improved wound care by addressing moisture and heat buildup, assists in patient healing and comfort in both rotation, or hold mode
Patented fabric for maximum shear relief	Quilted, breathable, five-layer design, impermeable to water, yet permeable to vapour molecules (perspiration).	Demonstrable reduction in friction and shear between patient's skin and mattress surface
Visual Monitoring and Sensor Technology	Sensitive to changes in patient positioning and movement, automatically adjusts airflow to compensate	Greater patient comfort, reduced risk of developing pressure wounds
Interactive Set-up	Enter patient height, weight and press Auto Set for air pressure set up (settings can be modified independently)	Time efficient, simple set-up and function management for carers
'On-line' Help screen	Built-in Help key provides user assistance with system set-up and operation	Easy access to general instructions, modes or features information
Max Firm	Maximum static pressure setting to 40 mmHg (no alternation in this mode)	Creates a firm surface for nursing protocols or patient transfer, includes a 30 minute time out alarm





Real time display and feedback on Control Unit

Memory recalled in case of power loss

Alarm locator displays area to check

Audio-Visual Alarm if pressure not reached within 20 minutes or Max Firm is left on for 30+ minutes

Panel lockout secures panel from inadvertent setting changes

Flexible attachments secure to any bed frame

Removable cover for cleaning

Side bolsters help maintain patient position

Air retained in case of power loss

Emergency CPR pull, 8 second deflation starting at bed head

Zipper sealed system

Compressor driven pump for reduced noise

Internal usage meter monitors hours of usage

Automatic Filter Display indicates when Air Intake and Cooling Fan filters require cleaning

The Thera-Turn Millennium is also available to meet the needs of bariatric patients up to 340 kgs. Ask about the Thera-Turn Millennium Plus custom widths.

Specifications	Electronic Controller	Dimensions	30.7 h x 36.8 w x 15.2 d cm	
		Weight	9.5 kgs	
		Electrical Parameters	Power requirements	240V, 50Hz
			Fuse	1A, 250V, Fast Acting
		Operating Parameters	Maximum Current	<0.5 A
	Weight range		36-136 kgs	
	Height range		127-190.5 cms	
	Limited Warranty	Compressor Pump	3 years	
		Electronic controller	2 years	
	Mattress Replacement (fully inflated)	Dimensions	30.5 h x 91.4 w x 203.2 d cm	
Weight		10.9 kgs		
Limited Warranty		Soft Goods	1 year	
		Cycle Time	4-90 minutes	
Approvals		Hose Connectors	Colour-coded, press on	
	TGA and C-tick			
Bariatric	The Thera-Turn Millennium is also available to meet the needs of bariatric patients up to 340kgs, ask us about the Thera-Turn Millennium Plus custom widths available upon request.			