

NoDec® WIZARD

3 Cell-Cycle Alternating Zero Pressure Air Mattress Replacement System with Lateral Rotation Functions

NoDec® WIZARD is a unique 3 cell-cycle 'zero pressure' dynamic support surface that provides both pressure injury prevention and reduces the risk of infective chest complications in completely immobile patients. The mattress design of NoDec® WIZARD is based upon unique V-shaped air-cells which provide complete pressure elimination.

The NoDec® WIZARD offers three different 'therapy methods' in one system - a 3 cell-cycle alternating zero pressure air-mattress, a lateral rotation mattress and a combined 3 cell-cycle alternating zero pressure cycle air mattress with lateral rotation functions.

The tilt function provides lateral rotation therapy on either a continuous or a programmed 6 hour basis. The slow and controlled tilt transfers body support laterally changing contact points, as well as assisting with pulmonary functions and reducing manual handling. The mattress also uses solenoid valves to increase airflow efficiency in and out of the air-cells, whilst vacuum assisted deflation quickly reduces interface pressure over the off-loaded tissue to create a reactive hyperaemic response in the deep tissues surrounding the bony prominences.

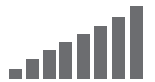
The NoDec® WIZARD mattress has 20 arrow shaped air-cells placed transversely with two reinforced, permanently inflated cells running lengthwise at the edges to protect against patient falls and assist when transferring from bed. Selecting a lateral rotation program gently inclines the patient left or right and the permanently inflated cells act as protective bolsters keeping the patient away from the mattress edges.

Recommended for nursing patients who:

Are critically ill, immobile, especially if intubated / completely immobile and at risk of pulmonary infection



Are at very high risk of developing pressure injuries



Have existing pressure injuries



3 CELL-CYCLE:



TILT FUNCTIONALITY:



COMBINED FUNCTIONALITY



Clinically Proven Therapy

- V-shaped air-cells are retained in place beneath the body so that contact pressure is removed from exactly the same site that it had been applied
- Continuous lateral rotation therapy is provided by deflating the outside portion of the base segment of the V-shaped cells
- Touch screen display enables selection of lateral rotation frequency
- 3 cell-cycle system with 50% more support cells makes it easier for deflating cells to retract away from body contact and achieve zero interface pressure
- Vacuum assisted air-cell deflation ensures complete evacuation of air from deflating cells

Patient Safety and Comfort

- Touch screen display enables one touch program selection for both pressure area management and lateral rotation therapy
- Ergonomic patient management unit with touch screen, automatically adjusts cell pressures to patient weight and changes in body position
- Comfort control with three pressure settings allows adjustment to suit individual patient comfort or clinical requirement
- In the event of a power failure, the mattress remains inflated depending on the weight of a patient
- Permanently inflated side formers provide a firm mattress edge to ensure patient safety and support during bed exits or transfers to trolley or chair

Microclimate Control

- The optimised moisture vapour transmission rate of the Dartex® cover allows control of the microclimate
- Reduction of both temperature and moisture at the skin/mattress interface decreases the risk of pressure injury as well as enhancing patient comfort

Additional Nursing Support

- Impressive tilt facility to allow patients to be gently turned onto their side
- Fast deflation through Rapid Release CPR valve
- Intuitive touch screen display allows easy control of mattress functions
- Maximum Inflate mode quickly produces a firm surface for nursing procedures or for bed exits or transfers to chair or trolley
- Transport mode facilitates bed movement without patient risk
- Audible and visual alarm provides peace of mind for nursing staff
- Cable management system ensures power cable is safely and securely retained off the floor
- V-Lock system prevents the power cord from being accidentally unplugged
- Control panel automatically locks out after 2 minutes of inactivity
- Clearly marked foot end to aid correct positioning of patient

Maximises Infection Control

- Waterproof Dartex® cover with high frequency welded seams prevent the ingress of fluid into the mattress
- Cover contains an antimicrobial agent that can withstand high temperature washing
- Smooth covers reduce shear and friction and allow for easy wipe down with disinfectant
- 360° zip ensures cover can be easily removed for infection control of cells and laundering
- Generous waterfall flap protects the zip and the integrity of the air-cells

Technical Specifications

Mattress sizes	18 cells	1900 x 900 x 250 mm
	19 cells	2000 x 850 x 250 mm 2000 x 900 x 250 mm
	20 cells	2100 x 850 x 250 mm 2100 x 900 x 250 mm
Max. patient weight	250 kg	
Mattress material	Cells: Polyurethane Cover: Dartex® two-way stretch Polyurethane coated Nylon	
Pump unit dimensions	400 x 160 x 250 mm	
Mattress weight	11 kg	
Pump weight	6.8 kg	
Classification	Class B Medical Device / Class I	
Mattress - flammability rating	Complies with BS7175 ignition source 0, 1 and 5	
Power unit - flammability rating / ingress protection	UL 94 V-0 / IP 42	
Power supply / power consumption:	230 V~ ±10%, 50 / 60 Hz 20 W max	

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