



Alto Dynamic Replacement Mattress System



Product Weight	9.5kg (2.5kg pump & 7kg mattress)
User Weight Capacity	225kg (35.4st)
Width	90cm
Depth	20cm
Length	203cm
Risk Factor	At High Risk
Cover Material	PU Multi-stretch, Water Resistant, Vapour Permeable
Seams	Welded
Fire Retardancy	BS7175:1989
Cycle Time	10, 15, 20, 25 minutes
Cell Cycle Type	1 in 2 (AB Pattern)
Washing	Up to 95°
Operating Modes	Alternating Mode, Static Mode, Max Inflate and Seat Mode
Product Warranty Info	2 years

Description and Features

The Alto is a full air replacement mattress (air on air) system and provides support for individuals at high risk of skin breakdown. Alternating Therapy mode provides pressure relief over a 10 (default), 15, 20 or 25 minute cycle in a AB (2 in 1) pattern. The Alto also features static, max inflate and seat modes to assist both the user and care giver.

Alternating therapy is the default therapy once the system is ready. Static mode inflates all air cells to the default or selected weight setting pressure. It can be used for ingress/egress of the bed. Static Mode also allows for clinical interventions to be performed or to fully inflate the system prior to using the transport mode. The Static mode provides a firm surface for patients to reposition or transfer from. Max inflate mode will automatically inflate all cells to maximum pressure. The pressure will return to the default alternating 80kg setting after 20mins.

Seat Mode can be used when the bed has been profiled to provide additional support to the sacral area. Seat Mode increases the mattress pressure by + 5mmHg and can be activated in conjunction with Alternating or Static modes. Audible and visual alerts for low pressure, power failure and alternate failure. Auto lockout - the pump will lockout after 5 minutes of inactivity to prevent accidental setting changes. A green LED indicates that the pump controls are locked.

Mute button - once the audible alert has been acknowledged the alert can be muted whilst the cause is investigated.

Weight setting default is 80kg and can easily be adjusted using the + and – buttons. Accessible rear filter with cover for ease of maintenance.

Integral hanging hooks enable the pump to be suspended from the bed footboard.

The mattress includes 20 cells consisting of 3 static head cells and 17 alternating cells, with 20 static base air cells. Individual cell's 'air on air' construction reduces the risk of 'bottoming out' as the lower section of each cell remains inflated to provide a supportive base.

The Alto mattress features 2 CPR pull tags at the footend, which allow for rapid deflation in the event of an emergency.

A Transport Mode facility is achieved by connecting the two umbilical cord connectors. The Transport Mode can be used for up to 8 hours to ensure that the support surface provides pressure redistribution in power outages or when transport is required.

The top cover is PU, multi stretch, water resistant and vapour permeable.

An antimicrobial agent Ultra-fresh™ is encapsulated in the covers to help control microbial deterioration and extend the life of the covers*. They feature a white inner substrate to assist in identifying signs of cover damage and strike-through. Additionally, the Alto mattress bottom cover includes a cable management system to safely route the power cable and reduce the risk of a trip hazard.

A 360° zip allows ease of access to the internal cells and the welded seams and waterfall flap reduce risk of fluid ingress.

The mattress has 6 strategically positioned straps with D rings to enable them to be easily secured to a range of bed frames (moveable parts only).

To assist with moving and handling of the inflated mattress, there are two handles on both sides of the mattress (for use in evacuation procedures).

The mattress cover base also includes 2 non-slip pads.