

P500 Mattress Replacement Solution

Hill-Rom's P500 Therapy Surface vs. Dolphin® Mattress

Hill-Rom® P500 Therapy Surface: Easy, safe, and effective therapy surface designed for the prevention and treatment of pressure injuries.



Features	P500 Therapy Surface	Dolphin® Mattress
Safe skin at many levels of acuity.		
Pressure redistribution for the prevention and treatment of pressure injuries	Weight-based pressure redistribution technology adjusts pressure in real-time based on patient's weight and head-of-bed angle to achieve the right balance between envelopment and support.	The air density of the bladders are adjusted every second based on the weight and body contour of the patient. The surface does not offer multiple zones or varying pressure for different parts of the body.
Heat and moisture management	Advanced Microclimate® therapy supports the removal of heat and moisture, helping to keep the skin cool, dry and comfortable.	The middle air bladders have a single pinhole to provide air flow.
Shear and friction management	It is designed with layers of shear resistant material and a real-time pressure redistribution algorithm.	Dolphin cover is nylon fabric.
Heel section interface pressure	Dedicated heel zone.	Not available.
Ease of use at the point of care.		
Head-of-bed (HOB) compliance	Four HOB angle indicators, HOB alarms, and graphical HOB visual indicator.	Not available.
Easy patient handling.		
Bed Exit	Bed Exit System offers a visual and adjustable audible alarm.	Not available.
Turn Assist	Turn Assist provides a comfortable means of repositioning the immobile patient and the confirm rails up feature offers added patient safety.	Not available.

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Features	P500 Therapy Surface	Dolphin® Mattress
Advanced Microclimate® Technology (Next Generation Low Air Loss)	X	
Zip on coverlet for Microclimate Management® Surface adds 2 layers of ticking and added comfort	X	
Vented coverlet allows heat and moisture to exit surface away from patient	X	
Real-time weight-based pressure redistribution adjustments based on patient weight and head-of-bed angle	X	
Pressure adjustments vary by section (head, sacral, heel zones)	X	
Multi-zone Comfort Adjust settings	X	
Firm perimeter	X	
Heel slope/dedicated heel bladders	X	
Bed Exit alarms	X	
30° Head-of-Bed alarm	X	
Turn Assist	X	
Reminder alarm	X	
X-Ray cassette sleeve	X	
Digital message display	X	
Lockout control	X	X
Alarm Silence	X	X
Max Inflate	X	X
Older style Low Air Loss System (Pin Hole design)		X

Dolphin® is a registered trademark of Joerns, LLC.

Information on the Dolphin Mattress was taken from the Dolphin Mattress User Manual 6110109 RevF.

Hill-Rom reserves the right to make changes without notice in design, specifications and models. The only warranty Hill-Rom makes is the express written warranty extended on the sale or rental of its products.

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