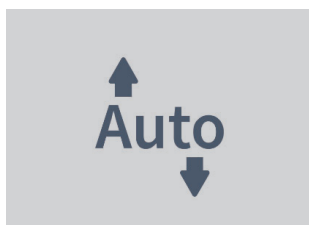


Pro-care Auto Pediatric

Improving full body pressure injury and deformation prevention in petite patients

75% of pediatric patients, who are not suitable for adult standards of care, experience pressure injuries (PI) due to immature tissue and reduced pain perception, which accelerates the development of PI and deformities.¹⁻³ Treatment costs for pediatric PIs are 94% higher than adults, with a 14-day longer hospital stay and increased nursing workload.^{2,4}

Pro-care Auto Pediatric features a design with inflatable elements tailored for small bodies, simplifying nursing workflows and enhancing precision with a patented system. It automatically adjusts mattress firmness, optimizing pressure relief from head to toe and minimizing the risks of pressure injuries (PI) and deformities. This makes it suitable for patients weighing 5 to 95 kilograms.



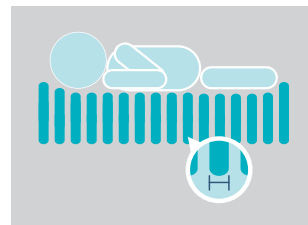
Enhance Care Process

Automatically adjusts to the most optimal pressure for the patient, ensuring both clinical effectiveness and cost efficiency.



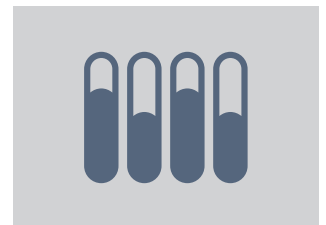
Customized Firmness for Comfort

Full body pressure redistribution improves prevention against occiput and other pressure injuries for supine and lateral positions.



Narrow Air Cells for Petite Bodies

Narrower (5.8 cm), sturdier, and more tightly packed air cells improve pressure relief and prevent bottoming out or trapped limbs — patented design.



Specially Designed for Sensitive Patients

Alternating Low Pressure Mode (ALP) helps to ensure consistent pressure relief, care, and comfort by reducing pressure during alternating cycles.

1. Delmore, B., Deppisch, M., Sylvia, C., Luna-Anderson, C., & Nie, A. M. (2019). Pressure injuries in the pediatric population: a national pressure ulcer advisory panel white paper. *Advances in Skin & Wound Care*, 32(9), 394-408.
 2. Kottner, J., Cuddigan, J., Carville, K., Balzer, K., Berlowitz, D., Law, S., ... & Haesler, E. (2019). Prevention and treatment of pressure ulcers/injuries: The protocol for the second update of the international Clinical Practice Guideline 2019. *Journal of tissue viability*, 28(2), 51-58.
 3. Baharestani, M. M., & Ratliff, C. R. (2007). Pressure ulcers in neonates and children: an NPUAP white paper. *Advances in skin & wound care*, 20(4), 208-220.
 4. Triantafyllou, C., Chorianopoulou, E., Kourkouni, E., Zautis, T. E., & Kourlaba, G. (2021). Prevalence, incidence, length of stay and cost of healthcare-acquired pressure ulcers in pediatric populations: a systematic review and meta-analysis. *International Journal of Nursing Studies*, 115, 103843.

Pro-care Auto Pediatric

Design for Pediatric Pressure Injury Prevention



CPR Knob

Quickly deflate the mattress for emergencies.



Quiet Operation

Low noise disturbance ensures patients can rest comfortably.



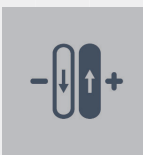
Protecting Vulnerable Areas of the Head

The head area air cells have an alternating function to protect against occiput pressure injuries in neonates and young children.



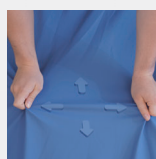
Quick Inflation

Dual compressors inflate the mattress in 20 minutes, operating interchangeably to extend lifespan and ensure effective pressure relief.



Customized Firmness for Comfort

Tuning function improve patient comfort by manually micro-adjust mattress firmness.



4-Way Stretch Top Cover

Offering low shear, low friction, vapor permeability, and moisture protection, coupled with optimal immersion and envelopment.



Water Resistance



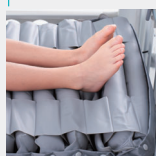
Flame Resistance



Biocompatibility



Vapour Permeable





Protect Vulnerable Heels

The individual air cell can be easily removed achieve zero pressure, preventing heel pressure injuries.



Decreases the Risks of Infection

The top cover is made with welded seams (high frequency Induction hardening[®]) to avoid fluid ingress.

Specifications		Pro-care Auto Pediatric			
Pump 	Dimension	34.0 x 13.5 x 20.5 cm (13.4 x 5.3 x 8.1 in)			
	Weight	3.8 kg (8.4 lb)			
	Supply voltage	220 - 240 V / 50 - 60 Hz			
	Therapy mode	Max firm / Alternating / Continuous Low Pressure / Alternating Low Pressure			
	Noise Level	< 26 dB			
Mattress 	Dimension	Cells	Length	Width	Height
		24 - 26	140 - 150 cm (55.1 - 59.1 in)	65 - 70cm (25.6 - 27.6 in)	18 cm (7 in)
	Type	7" / Replacement			
	Weight	9.5 kg (20.9 lb)			
	Top cover material	Poly / PU			
	Cell material	TPU			
	Maximum patient weight	95 kg (209 lb)			

Pump: water resistant standards (IP21); Mattress: flame retardant standards (EN597-1, EN597-2), RoHS, WEEE

