



homecare equipment

Envelop

Modular Mattress Replacement



Mattress Replacement



Cable Management



Infection Control



Rapid CPR Deflation



Quick Connect Coupling



Durable Material



8 inch Square Air Cells



High MVP Rate



Easy Cleaning

The Carilex Mattress Replacements are designed to facilitate blood circulation and provide maximum tissue pressure redistribution and relief for treating and preventing pressure injuries.

They form the ideal therapy system when used with a compatible pump, providing low noise levels and a comfortable modular cell design for superior sleeping quality.

GENERAL FEATURES

S31 tested	79% immersion, creating the best envelopment effect in the industry
Rapid CPR Pull Tab	Deflating the entire mattress within seconds in case of an emergency
Bariatric Extension	Side extensions fitting width of 90cm, 105cm and 120cm – one mattress fits all
Square Air Cells	No gap between air cells delivers maximum support and pressure redistribution while patient is lying down. This also gives additional safety for egress and ingress.
Directional Snap	Specifically designed buttons provide better structural stability from air cells
Multiple Coverlet Material	Standard breathable quilted nylon coverlet or optional Dartex coverlet providing high quality waterproof and air permeable medical fabric
Transportation Plug	Allows the mattress to stay inflated after being detached from the power unit

TECHNICAL DETAILS

Risk/Category	Very High
Waterlow Score	20+
Pressure Sore Grading	4
Safe Working Load	Up to 450kg
Air Cell Configuration	20 x 8" square cells
Cycle Times	10 minutes, 2:1
Available Size/Dimensions	Single 90cm x 200cm x 25cm King Single 107cm x 200cm x 25cm
Securing Mattress to Bed	Buckle Straps
Travel Weight	Mattress rolls up into a bag, weighing 11.5kg
Clinical Settings	Suitable for Hospital, Home Care and Nursing Home environments
Compatible Pumps	Envelop
Warranty	2 years



Envelop

Pump

Technology from the future: true automatic deep fluid envelopment for an ultimate wound care solution. The IPS Technology works with S.M.A.R.T to create effective envelopment. IPS responds to patient movements on the mattress by automatically adjusting the internal mattress pressure, which allows Envelop to regulate airflow and continuously provide total envelopment for the patient.



Whisper Quiet



Power Failure Alarm



Panel Lock



Upright Mode



Alternating Pressure Relief



Memory Recall



Low Pressure Alarm



Lightweight Power Unit



Max Inflation



GENERAL FEATURES

1 Patented S.M.A.R.T. Technology	Automatically determines the patient load on the mattress surface
2 Intelligent Pressure Sensing (IPS)	Responds to patient movements on mattress by automatically adjusting internal mattress pressure
3 Bariatric Mode	High weight capacity supporting both standard and bariatric patients up to 450kg
4 Battery Backup	Automatic power detection sensor activates battery backup in the event of power failure and allows treatment to continue uninterrupted during patient transportation and examination
5 LCD Panel	Liquid crystal display for intuitive operation
Fowler Boost	Allows patients to be in a reclined sitting position
Max Inflate	Rapidly hyper-inflates the mattress providing a firm and convenient surface for nursing tasks
Memory Recall	Restores to the previous settings automatically after abnormal power outage
Low Pressure Alert	Orange LED indicates insufficient pressure
Panel Lock	System is locked when this light is orange
Power Failure Alarm	Audible and visual alarms to alert caregivers in case of abnormal power outage

TECHNICAL DETAILS

Risk / Category	Very High
Waterlow Score	20+
Pressure Sore Grading	4
Safe Working Load	Up to 450kg
Travel / Weight	Pump weighs 6kg
Clinical Settings	Suitable for Hospital, Home Care and Nursing Home environments
Compatible Support Surfaces	Envelop Modular Mattress - Single & King Single
Warranty	2 years



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