



Fully automatic anti-decubitus mattress replacement system equipped with automatic upright sensor and battery backup. For high risk and bariatric patients up to stage IV

carilex[®]
Advanced Clinical Solutions



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Summit is the most advanced automatic anti-decubitus pressure relief system that is equipped with patented Self Monitoring Automatic Air Regulating Technology (S.M.A.R.T.) and Intelligent Pressure Sensing (I.P.S.) technology. It is ideal for high risk and bariatric patients up to stage IV. This system is made with the highest quality material, which is durable and reliable for acute care, hospital, including ICU environments, nursing home and home care.

The Future of Pressure Ulcer Management: Self Monitoring Automatic air Regulating Technology

S.M.A.R.T.™

Smart and advanced technology that is not found in competing products. It is the future of pressure ulcer management.

Maintains the optimal internal pressure by using separate electronic pressure sensors and sophisticated micro-processing algorithms to determine the patient load on the mattress surface.

Automatically monitors and regulates the internal pressure to continuously optimize the patient's pressure relief and comfort.

Relief pressure and provides step-less internal pressure adjustment. Uses the mattress as a direct sensor pad, which eliminates the need for extra underlying sensor pad.

Treat and prevent pressure ulcer for standard and bariatric patients up to stage IV.

Summit Power Unit with **ips** technology

Battery backup

Advanced power detection sensor automatically activates battery backup in the event of main power failure and allows treatment to continue uninterrupted during patient transportation and examination.

Automatic upright function

Integrated upright sensor. Quickly and automatically detects when bed is articulating and provides additional mattress support to prevent patient from bottoming out.

Large graphic display

3-inch blue LCD provides clear and easy-to-read screen for all users.

5 user interface languages

English, French, German, Italian and Spanish.

Timer

Displays total operating time.

Fast initial inflation

Initial inflation time around 10 to 20 minutes, varies by mattress size.

Visual/audible alarms

Indicate when low pressure or low battery, which includes mute function.

Panel lock button

Locks control panel and prevents tampering.

Elegant design

Ultra quiet, simple and attractive on the outside; highly sophisticated technology packed on the inside.

Secure hanger

Easy to use hanger hooks on the back of the power unit, securely hang the unit on the bed frame.

Integrated air filter

Use to enhance system durability and sustainability.

Hose connection detector with CPR function

Automatically detects hose connection and use for CPR function, which rapidly deflates the entire mattress in case of emergency.

Memory recall

Returns system to previous settings when the system is turned on after disconnect or when returning from standby mode.



Summit Mattress

Twenty individual 8-inch high square air cells

provide superior immersion for pressure relief and therapy, combined with a sealed, 2-inch air pad base for added protection in case of power outage.

Square air cell design

provides added comfort and pressure redistribution while patient is lying down and gives additional safety and security for egress/ingress.

Weight capacity

for patients up to 660lbs / 300kg.

Modular air cell construction

for easy cleaning, repair, and replacement.

Zoned system

includes static head section for extra relief and specialized air cells in heel section for comfort and superior pressure redistribution.

Cross contamination prevention

through enhanced mattress base



Unique directional snaps

connect air cells to mattress base, which delivers increased structural stability and safety, and prevents air cells from accidentally detaching and deflating.

Securely fastened

protected zipper makes coverlet easy to remove for laundering and replacement.

Dartex coverlet

with 4-way stretch to minimize shear forces. Waterproof, vapor-permeable, fire-retardant, antibacterial and anti-fungal coated coverlet.

Convenient transport plug

allows mattress to stay inflated for approximately two hours after being detached from power unit. (Intended for transport purposes.)



Directional Snaps



Transport plug



Rapid deflation CPR facility



Graphic Screen

Product Specification

Individual ART. No.		Material	
Power Unit.....	S2003-3	Power Unit.....	ABS fire retardant UL
Mattress.....	S2003-2	Mattress Cell.....	100% nylon with TPU lamination
Coverlet.....	S2003-A	Coverlet.....	Dartex
Power Unit		Weight	
REF SR 388 Summit		Power Unit.....	8kg
Power Input.....	AC220 - 240V / 50 - 60Hz	Mattress Set.....	10kg
Power Consumption.....	Max. 30W	Operating & Transportation & Storage Conditions	
Dimension		Temperature.....	5 ~ 40°C
Power Unit.....	37.5 x 32 x 18.5cm	Humidity.....	15 ~ 60%
Mattress set (inflated)		Maximum Weight Capacity.....	300kg
Standard.....	200 x 90 x 23cm	Product Compliance.....	EN60601-1, EN60601-1-2
Narrow.....	200 x 82 x 23cm	This power unit is not AP/APG protected.	

carilex®

With about 30 years of experience, we at Carilex has built a wealth of knowledge in the field of wound care management and patient care. We collaborated with leading experts, scholars and researchers, in various fields, to develop optimal products using state-of-the-art technology and base on pioneering research data. We also work closely with our clients and medical professionals, to gain first hand information on patient needs and market demands.

In house design, manufacturing, and quality control ensures Carilex to provide durable and reliable products with the highest standard. All of Carilex's products are made according to stringent medical device manufacturing guidelines and meet the regulatory requirements in most countries.

Carilex is a leading global brand in the market of wound care management. In addition to our headquarter in Germany, we have established offices in the United Kingdoms, the United States of America, and Taiwan. We have developed a strong network for distribution, allowing us to reach our customers in every corner of the world. Today, Carilex provides our products and services to clients and patients in more than 40 countries.



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