

With over thirty years of experience, Carilex has established itself as a global leader in the wound care industry by developing state-of-the-art technology in the prevention and treatment of pressure ulcers. Established relationships with medical institutions worldwide allow us to gain critical insight into the needs of our patients and their clinicians. Our expertise in research and development, manufacturing, and quality control and assurance allow us to provide unparalleled products in wound care management in the form of a comprehensive product lines proven in the prevention and treatment of pressure sores and wound. Our strength is in our people and their dedication to and belief in the excellence of the Carilex product. It is evident in our continuous and rigorous devotion to providing the finest medical devices.

Together with commitment and constant innovation, Carilex is driven forward by our motto—CARING MAKES THE DIFFERENCE. All of us at Carilex believe paying extra care in everything we do is the key to make real differences.

We take pride and find joy knowing that our patients are in good hands when they are using Carilex products.

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carilex[®]

DualPlus

Revolutionary intelligent mattress replacement system that rethinks the way to optimize comfort.



Revolutionary intelligent mattress replacement system that rethinks the way to optimize comfort.

DualPlus offers multiple comfort levels that delivers optimal internal pressure according to each patient's sensation; as well as both dynamic and static modes to meet individual patient's needs. Electronic pressure sensors and sophisticated microprocessors run through intricate algorithms in order to respond to patient movements on mattress and adjusting internal pressure appropriately – with no extra input needed. Carilex took all the complications in wound care systems and turn it into carefully calculated technology that is fuss-free for you. It is intuitively effortless to use.

Simply brilliant.

Brought to you by the inventive research and design team at Carilex, comes the replacement system with instinctive input design to create maximum comfort. Taking care of patients can be demanding, that is why it is crucial to have simple input options. DualPlus Power Unit does not need to input patient's weight. Thanks to years of rigorous research and countless examinations in what is most comfortable for patients.

The DualPlus Automatic Power Unit with IPS Technology

The IPS Technology, Intelligent Pressure Sensing Technology, responds to patient movements on mattress by automatically adjusting mattress pressure, which allows DualPlus to regulate airflow and continuously provide a total envelopment for our patients. Carilex is the first brand in the industry to master IPS. This gives us more experience and vast knowledge in the technology that is years ahead of our competitors. The automatic unit does not need to enter patient's weight.

① Comfort Setting

Provides optimal internal pressure according to each patient's sensation. Includes options for comfort level adjustment, no weight input needed.

② Intelligent Pressure Sensing

Responds to patient movements on mattress by automatically adjusting internal mattress pressure.

③ Dynamic / Static Therapy Modes

Provide both dynamic and static functions to meet individual patient's need.

④ Multiple Cycle Time

Multiple cycle time selection for alternating pressure therapy.

Memory Recall

Restores to the previous systems automatically after abnormal power outage.



The Modular DualPlus Mattress

The Carilex DualPlus Mattress Replacement System is designed to facilitate blood circulation and provide maximum pressure redistribution for treating and preventing pressure injuries. It is the ideal therapy system providing low noise level and comfortable modular cell design for superior sleeping quality.

The air cells with modular structure and are independent but fully interconnected for the whole length, offer the best adaptability to any kind of bed and patient.

- ⑤ **Easily Exchangeable Air Cells**
Detachable air cells to exchange when necessary.
- ⑥ **Instant CPR**
Rapid deflating the entire mattress within seconds in case of emergency.
- ⑦ **Extra Soft 100% TPU Material**
Ensuring patients safety from sharp or protruding objects while providing optimal comfort.

Directional Snap ⑧



Easy Carry Design ⑨



Excellent Hygiene Control

Durable and washable coverlet that completely covers the mattress. Hospital grade mattress base with easily wipe clean material.

- ⑧ **Directional Snap**
Specifically designed buttons to provide better structural stability from air cells.
- ⑨ **Easy Carry Design**
Mattress designed specifically for easy carrying.

Bridging Cells

Special replaceable 5" cell provides the constant pressure relief and localize healing.



Instant CPR ⑥

Key Features of DualPlus



Alternating Pressure Relief



Low Pressure Alarm



Pressure Redistribution



High Pressure Alarm



Patient Envelopment



Power Failure Alarm



Memory Recall



Alarm Mute



Whisper Quiet



Upright Mode



Lightweight Power Unit



Panel Lock



MAX Inflation



Mattress Replacement



DTX Coverlet



Protective PE layer



Cable Management



Durable Material



TPU Soft Air Cells



Easy Cleaning



Quick Connect Coupling



Multiple Mattress Sizes

Technical Data

- Power Unit Model : _____ REF : SR361
- Power Input : _____ 220-240Vac 50/60Hz 0.2A
- Power Consumption : _____ 12W
- Weight : _____ Power Unit : 2.8Kg
Mattress Set : 10.5Kg , 11.3Kg
- Dimension : _____ Power Unit : 315 x 220 x 120mm
Mattress Set : 32" x 80" x 8" (82 x 200 x 21 cm)
36" x 80" x 8" (90 x 200 x 21 cm)
other size upon request
- Agency Approval : _____ IEC/EN60601-1, ANSI/AAMI ES60601-1,
AS/NZS IEC60601-1
- Operating Condition : _____ Temperature : 5°C to 40°C, Humidity : 15% to 90%
- Transportation & Storage Condition : _____ Temperature : -25°C to 70°C, Humidity : 0% to 90%
- Weight Capacity : _____ 250kg
- This Power Unit is not AP/APG protected