K-2S2102-30351 V2.0
DualPlus
Revolutionary intelligent mattress replacement system that rethinks the way to optimize comfort.

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 Carilex to gain critical insight into the needs of our patients and their clinicians. Our expertise in research and development, combined with state-of-the-art manufacturing and quality control, allows Carilex to provide unparalleled products in wound care.

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 mantra—Caring Makes the Difference. We take pride and find joy knowing that our patients are in good hands when they are using Carilex products.
**Revolutionary intelligent mattress replacement system that rethinks the way to optimize comfort.**

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 stressful, 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, DualPlus offers multiple comfort levels that deliver 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.

### The DualPlus Automatic Power Unit with IPS Technology

The IPS Technology, Intelligent Pressure Sensing Technology, responds to patient movements on mattress by automatically adjusting internal 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.

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<td><strong>1. Comfort setting</strong></td>
<td>Provides optimal internal pressure according to each patient’s sensation. Includes options for comfort level adjustment, no weight input needed.</td>
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<td><strong>2. Intelligent pressure sensing</strong></td>
<td>Responds to patient movements on mattress by automatically adjusting internal mattress pressure.</td>
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<td><strong>3. Dynamic / Static therapy modes</strong></td>
<td>Provide both dynamic and static functions to meet individual patient’s need.</td>
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<td><strong>4. Dynamic cycle time</strong></td>
<td>Multiple cycle time selection for alternating pressure therapy.</td>
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<td><strong>5. Memory recall</strong></td>
<td>Restores to the previous systems automatically after abnormal power outage.</td>
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The DualPlus Mattress
The Carilex DualPlus Mattress Replacement System is designed to facilitate blood circulation and provide maximum tissue pressure redistribution and relief 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.

1. **Easily exchangeable air cells**
   Detachable air cells to exchange when necessary.

2. **Instant CPR**
   Rapid deflating the entire mattress within seconds in case of emergency.

3. **Extra soft 100% TPU material**
   Ensuring patients safety from sharp or protruding objects while providing optimal comfort.

4. **Infection control**
   Aims to ensure the protection of those who might be vulnerable to acquiring an infection.

5. **Directional snap**
   Specifically designed buttons to provide better structural stability from air cells.

6. **Easy carry design**
   Mattress designed specifically for easy carrying.
Other Features

- Alternating Pressure Relief
- Pressure Redistribution
- Patient Immersion
- Whisper Quiet
- Upright Mode
- MAX Inflation
- Dartex Coverlet
- Durable Material
- Quick Connect Coupling
- Easy Cleaning
- Protective PE layer
- Cable Management
- TPU Soft Air Cells
- Multiple Mattress Sizes
- Durable Material
- Quick Connect Coupling
- Easy Cleaning

Technical Data

- Power Unit Model: ____________________________ REF: SR361
- Power Input: ____________________________ 100-120Vac 60Hz 0.1A / 220-240Vac 50Hz 0.1A
- Power Consumption: ____________________________ 15W
- Weight: ____________________________ Power Unit: 2.5Kg
- Mattress Set: 10.5Kg, 11.3Kg
- Dimension: ____________________________ Power Unit: 295 x 225 x 120mm
- Mattress Set: 32” x 80” x 8” (82 x 200 x 21 cm)
- other size upon request
- Agency Approval: ____________________________ UL60601-1
- Operating, Transportation & Storage Condition: ____________________________
  - Temperature: 5°C to 40°C
  - Humidity: 15% to 60%
- Weight Capacity: ____________________________ 250Kg
- This Power Unit is not AP/APG protected