

Duo™ 2

Advanced low pressure mattress replacement system



Features and benefits

- Three individual low-pressure zones, including a dedicated heel zone
- Real-time pressure adjustment controlled by the internal I-mersion™ sensor adjusts internal cushion pressures instantly according to patient size, shape, weight or position
- Select continuous or alternating low pressure therapy modes at the touch of a button
- Real-Heel™ zone with ultra-low pressure for optimal protection of the vulnerable heel area, and with enhanced lower-leg support
- One touch P-MAX feature for easier patient repositioning and transfer
- Rapid inflation – ready for patient use in 2 minutes
- Easy activation of functions from a handheld pendant
- No bulky external control box freeing space at foot of bed

Enhancing outcomes for patients and their caregivers:

Hill-Rom

Duo 2

Two clinically accepted therapies in one proven product

The Duo 2 mattress replacement system from Hill-Rom helps to prevent and treat pressure ulcers from stage I to IV in low to very high risk adult patients.

Duo 2 offers two therapy modes:

1. Continuous Low Pressure mode achieves the lowest tissue interface pressures in its category^{1,2} and provides maximal distribution of patient weight.
2. Alternating Low Pressure mode has a 1 in 4 alternating cycle in the body zone supporting 75% of the patient at all times, to reduce the high peak pressures associated with conventional alternating mattresses.^{2,3}

The innovative Real-Heel zone features 8 micro-cushions that adjust independently to the body zone and provide contoured support around the vulnerable heel area.

At the heart of the Duo 2, the internal I-mmersion sensor controls the internal cell pressures to achieve very low tissue interface pressure across all body zones and in both therapy modes.



Technical Specifications

Therapeutic Mattress

Length	200 cm
Width	85 cm
Height	23 cm
Weight	19.4 kg

Control Pendant

Height	12 cm
Width	17 cm
Depth	9 cm
Weight	0.445 kg

Safe Working Load	250 kg
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Recommended therapeutic weight	30 to 150 kg
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Cover Material

Polyurethane coating on polyester material, low-friction, stretchable in both directions, breathable, bacteriostatic, fungistatic and antimicrobial. Can be wiped and washed. Chlorine based solutions can be used. Concentration must be less than or equal to 1,000 ppm.

References

1. Colin D., Clinical Evaluation of an Innovative Mattress. 1997. 7th European Conference on Advances in Wound Management, Harrogate, UK
2. Colin D., Evaluation of a pressure-relieving Air Mattress. 1997. 7th European Conference on Advances in Wound Management, Harrogate, UK
3. Schregel W. et al, Journal of Tissue Viability, 1993

Hill-Rom is a leading global medical technology company with more than 10,000 employees worldwide. We partner with healthcare providers in more than 100 countries, across all care settings, by focusing on patient care solutions that improve clinical and economic outcomes in five core areas: **Advancing Mobility, Wound Care and Prevention, Patient Monitoring and Diagnostics, Surgical Safety and Efficiency and Respiratory Health.** The people, products and programs of Hill-Rom work towards one mission: **Every day, around the world, we enhance outcomes for patients and their caregivers.**

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The Duo 2 surface is intended to help prevent and treat pressure ulcers Stage I, II, III and IV in low to very high risk patients, with a minimum weight of 30 kg and a minimum height of 1.46 m, in a range of healthcare facilities.

Class IIa

Notified Body: LNE/G-Med CE0459

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This medical device is a regulated health product which, pursuant to such regulation bears a CE mark. Hill-Rom recommends that you carefully read the detailed instructions for safe and proper use included in the documents accompanying the medical devices. The personnel of healthcare establishments are responsible for the proper use and maintenance of these medical devices. Hill-Rom reserves the right to make changes without notice in design, specifications and models. The only warranty Hill-Rom makes is the express written warranty extended on the sale or rental of its products.

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