

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

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-mersion 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

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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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