Advanced low pressure mattress technology

De-Teq® pressure control technology

Inflatable cell pressure on most conventional mattress systems is controlled to prevent peak pressure from exceeding a safe limit. With the unique low pressure control technology De-Teq®, Duo™ maintains constant high tissue oxygenation levels in both modes at all times, allowing the patient to experience greater comfort. This results in higher tissue oxygenation levels and improved healing rates, leading to further innovation in Duo™ technology.

Technical Data

**MATERIALS**
- Weight of Patient: 75 kg
- Body Weight: 150 kg
- Weight of Device: 90 kg

**ELECTRICAL REQUIREMENTS**
- Voltage: 230 V
- Frequency: 50 Hz
- Power Consumption: 200 W

**Rapid deflation for easy folding**

**Value-added features:**
- Two therapies in one: Continuous low pressure and Alternating low pressure
- Unique ultra-low pressure
- Proven high peak internal cell pressures that maximise oxygenation and therefore improving wound healing
- One-touch CPR
- Transport mode
- Rapid inflation in less than 3 minutes
- Auto-fit vacuum system allows rapid deflation for easy folding and moving
- New mattress design providing superior lateral stability
- Independent seat cushion option delivering full care

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Two clinically accepted therapies in one proven product

**Duo® 2** is designed with 2 principle therapy modes: Continuous low pressure and Alternating low pressure. Both are continuously controlled by De-Teq®

**Continuous Low Pressure Mode**
- Head zone: Continuous low pressure providing a high level of comfort and safety
- Body zone: Continuous low pressure

**Alternating Low Pressure Mode**
- Head zone: 1 in 4 alternating cycle
- Body zone: 1 in 4 alternating low pressure cycle

**Duo® 2** achieves the lowest tissue interface pressures in its category providing maximal distribution of patient weight.

**Cushion Design**
- Stability and security: The mattress has a new cushion design that offers improved lateral stability giving the patient a higher level of comfort and increased security at all times.
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**Real-Heel™ Technology**
- New 8 Micro-Cushion Heel Zone
- Body zone: Continuous ultra low pressure adjusts independently to the body zone to improve the contour support of the heels, ensuring optimal pressure relief in this high-risk area.
- Body zone: Continuous low pressure

**One-Touch Ultra Compact Control Pendant**
- All functions are effortlessly activated at the touch of a button. The pendant can be hand held, free standing or simply clipped to the bed.
- The unique concept prevents entrapment of cables and hoses in the side rails.

**Rapid Inflation**
- This function inflates the mattress in less than 2 minutes for immediate use, even with the patient on the mattress.

**Alarm Silence**
- De-Teq® indicator
- Power-on indicator
- Transport mode indicator, activated within 1 second, allows patient support for a minimum of two hours. Simply unplug the mattress and silence the alarm.

**24h Care**
- An independent seat cushion option is available. It connects to the bed for inflation and deflates automatically to the patient’s weight. Once inflated and disconnected, it allows greater patient independence, delivering 24 hour care.