



Anti-decubitus mattress kit in Nylon+PVC h582_243

Professional anti-decubitus kit in Nylon+PVC with compressor. Prevention up to stage IV, Cell-on-Cell technology and maximum capacity of 200 kg.

The **h582_243 anti-decubitus kit** is an advanced therapeutic system consisting of a **cell mattress and compressor with manual adjustment**. Specifically designed for the **prevention of pressure sores up to stage IV**, the device meets the needs of hospital wards, nursing homes and complex home care settings. The structure is designed to maximize patient comfort and facilitate the work of healthcare personnel, integrating active and passive safety functions.

The mattress architecture features **20 total elements**, including **4 static elements** positioned as a head pillow and **8 micro-perforated elements** to promote breathability. The **CELL-ON-CELL** technology represents the heart of the system: each cell is divided into two superimposed modules, where the lower one remains constantly inflated. This technical feature eliminates the **bottom-out** (sinking) effect and guarantees a safe support base even in the event of a sudden power failure or during maintenance operations.

Technical specifications

- **Therapeutic indication:** Pressure sore prevention up to stage IV
- **System:** Cell mattress + compressor
- **Mattress material:** Nylon+PVC with 20 elements (8 micro-perforated)
- **Mattress dimensions in use:** 200 x 86 x 21 cm
- **Inflated element height:** 20.3 cm (allows use without an additional mattress)
- **Technology:** CELL-ON-CELL (always inflated lower module anti bottom-out)
- **Operation:** 2-way alternating with STATIC function
- **Maximum capacity:** 200 kg
- **CPR valve:** Deflation time approx. 15 seconds
- **Cover:** Padded Nylon/PU, biocompatible, waterproof, breathable and verified according to European fire reaction standards
- **Zip:** Perimeter on all four sides
- **Fastening:** Supplied straps and cable management eyelets for orderly cable management
- **Connection:** Quick connectors with safety lock for patient transport
- **Compressor dimensions:** 300 x 135 x 110 mm
- **Compressor power supply:** 220V / 50 Hz with 5-meter cable
- **Delivered pressure:** Manually adjustable from 55 to 120 mmHg
- **Air output:** 7.5/8.5 LPM
- **Cycle time:** 12 minutes
- **Noise level:** 30–35 dB
- **Compressor safety:** Visual and audible low pressure alarm, interchangeable air filter, T1A 250V fuse

Image for illustrative purposes only

INFORMATION

- **Depth** 21 cm
- **Width** 86 cm
- **length** 200 cm
- **Type** air



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