

CuroCell[®] M4 CX20

A dynamic mattress replacement system with good comfort and functionality

The CuroCell[®] M4 CX20 provides simplicity together with user comfort while aiding in the prevention and treatment of pressure ulcers/pressure injuries up to and including category 4, and unclassified pressure ulcers⁽¹⁾. It is designed for simplicity and provides features for good user comfort, reduction of shear forces and improvement of the microclimate.

The CuroCell[®] M4 CX20 mattress system includes a control unit with a user-friendly interface. The internal pressure of the mattress system automatically returns to an internal pressure preset by the product or user, regardless of user weight and position.

The control unit is equipped with the pulsating mode. With the pulsating mode, the benefits from constant low pressure (reduced maximum pressure) and the pressure-relieving effect of the dynamic mode are combined. Pulsating mode means that the pressure alternates and cells are emptied, but not completely. This gives a lower maximum pressure against the skin and slight movements in the mattress, which contributes to increased comfort and stability. The clinical effect of the pulsating mode has been investigated in scientific studies where both tissue perfusion, as well as prevention and therapeutic effect is measured⁽⁶⁾⁽⁷⁾.



CuroCell[®] M4 CX20 with Top part Stone/bottom part CC





All mattresses are supplied with a four way stretch hygienic cover which meets standards for hygiene, quality and safety⁽³⁾⁽⁸⁾. All covers are manufactured from modern, recyclable materials and are vapour permeable⁽⁴⁾, which contributes to reduce the risk of skin maceration.


FACTS	OPTIONAL
<ul style="list-style-type: none"> • Type: Dynamic mattress replacement system • Height: 20 cm • Recommended user weight: 0-250 kg • Input voltage: 100-240 V / 50-60 Hz • Sound level, control unit, max.: 17 dBA⁽²⁾, 35dBA⁽⁵⁾ • Warranty: 2 years • PVC free • Machine wash max 95 °C, tumble drying • Cleaning of cover: Wipe with cleaning agent and/or disinfectants • Chlorine resistant (1%) multi stretch cover (cover Stone with welded seams, 10%) 	<ul style="list-style-type: none"> • Durable bag • Sheet holder
	<p>SIZES</p> <p>80/85/90/100/105/120x200/210 x 20 cm</p>

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Available covers:

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- Stone (CuroCell CX10)**
- Welded seams
 - Color: dark grey
 - Material: 61 % polyester, 39 % polyurethane coating

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- Olivia (CuroCell CX10)**
- Stitched seams
 - Color: light grey
 - Material: 55 % polyester, 45 % polyurethane coating

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- Bottom part CuroCell**
- Color: black
 - Material: 100 % polyester polyurethane
 - Integrated cable holder, carrying handles (for replacement mattresses only)

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- Bottom part Evac**
- Color: black
 - Zippers on four sides
 - Handles on short and long sides for moving the mattress
 - Velcro straps for securing patients in emergency situations
 - Material: 100 % polyester polyurethane
 - Integrated cable holder

FEATURES CONTROL UNIT

- User friendly interface
- Audible and visual notifications
- Three program modes: Pulsating, Alternating and CLP (constant low pressure)
- Caring mode (max-firm)
- Pack&Go[®] function
- Silent running and vibration free
- Low voltage (12V power supply)
- Soft friction hangers with soft tip
- Air flow control; Constant temperature, good user comfort, energy reduction

FEATURES MATTRESS

- Individually replaceable cells with safety mattress
- Static head cells
- Heel function
- Multifunctional inner cover
- CPR-function with transport function
- Smart cable management
- Easy handling and usage
- Well protected zipper

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Always read the instruction for use prior to usage of the product.

REFERENCES

- (1) European Pressure Ulcer Advisory Panel, National Pressure Injury Advisory Panel and Pan Pacific Pressure Injury Alliance. Prevention and Treatment of Pressure Ulcers/Injuries: Clinical Practice Guideline. The International Guideline. Emily Haesler (Ed). EPUAP/NPIAP/PPPIA: 2019.
- (2) EN ISO 11201 "Acoustics - Noise emitted by machinery and equipment - Determination of emission sound pressure levels", SP 2018.
- (3) CDC (2003), Guidelines for Environmental Infection Control in Health-Care facilities, updated 2019.
- (4) SS-EN ISO 15496:2004, DIN 53122-1.
- (5) ISO 3746:2010 "Acoustics - Determination of sound power levels and sound energy levels of noise sources using sound pressure - Survey method using an enveloping measurement surface over a reflecting plane".
- (6) Zwaenepoel, E., et al., Int Wound J, 2020 17(1).
- (7) Worsley P, Dr Bostan L., Bader D. Investigation of the biomechanical and physiological responses to prolonged lying postures during three mattress modes. Report from University of Southampton, 2018.
- (8) SS 876 00 20:2017, Healthcare textiles - Mattresses - Specifications and requirements.