

# CuroCell® IQ OP10

Intelligent simplicity



reddot award 2019  
winner



DESIGN  
AWARD  
2019



CuroCell® IQ OP10 with cover Stone

 care of sweden

SUPPORTING LIFE

# CuroCell® IQ OP10

The CuroCell® IQ OP10 provides simplicity together with user comfort while effectively aiding in the prevention and treatment of pressure ulcers/pressure injuries up to and including category 4<sup>(1)</sup>, and unclassified pressure ulcers. It is designed for simplicity and provides features for excellent user comfort, reduction of shear forces and improvement of the microclimate.

The new CuroCell® IQ OP10 identifies the user and automatically adapts itself to the individual. The pump is preset to our newly developed Pulsating mode, which offers a high level of comfort and effective pressure relief<sup>(6)(7)</sup>.

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



## OPTIONAL

- Durable bag
- Sheet holder

## SIZES

80/85/90 x 200/210 x 10cm



## REFERENCES

- (1) \*Haesler, E. (Ed). National Pressure Ulcer Advisory Panel, European Pressure Ulcer Advisory Panel and Pan Pacific Pressure Injury Alliance. (2014). Prevention and Treatment of Pressure Ulcers: Clinical Guideline. Cambridge Media: Perth, Australia.
- (2) EN ISO 11201 "Acoustics - Noise emitted by machinery and equipment - Determination of emission sound pressure levels", SP 2018.
- (3) ISO 16603 "Resistance of penetration by blood and body fluids", ISO 16604 "resistance of penetration by blood-borne pathogens", EN 14126, "performance requirements and tests methods for protective clothing against infective agents".
- (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) Dr Peter Worsley, Dr Luciana Bostan and Professor Dan Bader. Investigation of the biomechanical and physiological responses to prolonged lying postures during three mattress modes. Unpublished manuscript. University of Southampton, 2018.
- (7) Beeckman D., Van Hecke A., Verhaeghe S., Van Damme N., Manderlier B., Zwaenepoel E. The use of a fully automated pulsating support system (CuroCell® A4 CX20) in pressure ulcer prevention and treatment: a clinical test in 10 Belgian nursing homes, International Wound Journal. Gent University, 2019.



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

Care of Sweden and CuroCell are trademarks of Care of Sweden AB.  
© Care of Sweden AB, 2019. All rights reserved. Last update: 2019-11-13.

FEATURES MATTRESS	FACTS
<ul style="list-style-type: none"> <li>• Heel function</li> <li>• Unique CPR-function with transport function</li> <li>• Designed for easy handling and usage</li> <li>• Well protected zipper</li> <li>• One-piece mattress</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Type: Alternating pressure mattress overlay system</b></li> <li>• <b>Height: 10 cm</b></li> <li>• <b>Recommended user weight: 0-160 kg</b></li> <li>• <b>Input voltage: 100-240 V / 50-60 Hz</b></li> <li>• <b>Sound level, pump, max.: 17 dBA<sup>(2)</sup>, 35 dBA<sup>(5)</sup></b></li> <li>• <b>Warranty: 2 years</b></li> <li>• <b>PVC free</b></li> <li>• <b>Cleaning of cover: Wipe with cleaning agent and/or disinfectants</b></li> <li>• <b>Machine wash max 95 °C, tumble drying</b></li> <li>• <b>Chlorine resistant (1%) multi stretch cover (cover Stone with welded seams, 10%)</b></li> </ul>
FEATURES PUMP	
<ul style="list-style-type: none"> <li>• Fully automated pump that adapts individually</li> <li>• User friendly interface</li> <li>• Audible and visual notifications</li> <li>• Newly developed Pulsating mode</li> <li>• Caring mode (max-firm)</li> <li>• Pack&amp;Go® function</li> <li>• Silent running and vibration free</li> <li>• Low voltage (12V power supply)</li> <li>• Soft friction hangers with extra soft tip</li> <li>• Air flow control; Constant temperature, increased user comfort, energy reduction</li> </ul>	 <p>Scan QR code to watch presentation video.</p>
	 <p><b>SELECT YOUR MATTRESS</b> - Visit our website for guidelines when choosing a mattress. <a href="http://www.careofsweden.com/mattress-selector">www.careofsweden.com/mattress-selector</a></p>