

CuroCell® S.A.M. PRO

Good comfort and durability combined

CuroCell® S.A.M.PRO is an overlay mattress used as an aid in the prevention and treatment of pressure ulcers, up to and including category 3⁽¹⁾. CuroCell® S.A.M. PRO offers good comfort⁽²⁾. For additional comfort, CuroCell® S.A.M.PRO CF10 is also available with a soft inner cover. The inner cover reduces the already low pressure⁽⁸⁾, contributing to further increased comfort.

The pump is easy to use. The comfort settings makes it easy to choose the individual comfort level which allows CuroCell® S.A.M. PRO to be used for a long time and in different care environments. The pump maintains the selected pressure and comfort level, which means that the pump only works actively when required. This contributes to reduce noise and vibration and also a long service life and low energy consumption for the pump.

Covers for comfort and hygiene

The support surfaces is supplied with a removeable and liquidproof hygiene cover for easy clening. The hygiene cover is manufactured in a four-way stretch⁽⁷⁾⁽³⁾ fabric to reduce the risk of shear forces, and is vapour-permeable⁽⁴⁾ to lower the risk of skin maceration. The hygiene cover also features a liquidproof zipper.

Technical specification	
Type	Constant low pressure
Height	10 cm
Pressure ulcer category	Up to and including category III ⁽¹⁾
Recommended user weight	Up to 250 kg
Input voltage	230 V/50Hz
Sound level pump, max	22 dBA ⁽⁵⁾ , 39 dBA ⁽⁶⁾
Sizes	80/85/90/105/120x200/210 cm
Cleaning instruction	Cleaning of covers: Wipe with cleaning agent and/or disinfectants. Machine wash max 95 °C, tumble drying.
CE-marking	Registered and marked in accordance with MDR (EU) 2017/745
Optional	Transport bag Soft inner cover (CuroCell® S.A.M.PRO CF10)



Always read the instructions for use prior to use.

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CuroCell® S.A.M. PRO



CuroCell® S.A.M. PRO CF10



Available covers, CuroCell® S.A.M. PRO CF10

Steel



- Seams: welded
- Color: blue
- Material: 44 % polyamide, 56 % polyurethane coating

Steel H



- Seams: welded
- Color: blue
- Material: 44 % polyamide, 56 % polyurethane coating
- Handle on one side for mattress transportation

Available covers, CuroCell® S.A.M. PRO CF10

Steel



- Seams: welded
- Color: blue
- Material: 44 % polyamide, 56 % polyurethane coating



Stone

- Seams: welded
- Color: grey
- Material: 61 % polyamide, 39 % polyurethane coating

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) Examination of the shear force and the pressure relief capability, Berlin Cert 2009.
- (3) SS 876 00 20:2017, Healthcare textiles - Mattresses - Specifications and requirements.
- (4) SS-EN ISO 15496:2004, DIN 53122-1.
- (5) "EN ISO 11201 Acoustics - Noise emitted by machinery and equipment - Determination of emission sound pressure levels", SP 2018.
- (6) 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"
- (7) CDC (2003), Guidelines for Environmental Infection Control in Health-Care facilities, updated 2019.
- (8) Pressure readings with Xsensor, 2008.