



Prevent and Protect with

CuroCell[®] Encore
PRESSURE REDISTRIBUTION MATTRESS



CuroCell® Encore

Innovated in Sweden and made in India, the new CuroCell® Encore has a digital control unit and mattress overlay system which can be used to prevent and as an aid to treat pressure injury upto category 3.



While designing CuroCell® Encore to the Indian conditions, the team approached it from every angle, thus came out most energy efficient control unit with a maximum power consumption of 5.7w/h (4.1units/month) against our competitor's 34w/h (25.2 units/month).⁽¹⁾

USER INTERFACE

CuroCell® Encore ensures simplicity and ease of use. The dial knob and color coding offers easy set up and patient comfort.

(1) Data on file



PROPORTIONAL CYCLE TIME

The control unit sets cycle depending on comfort setting, with constant relief time and smooth transition between channels which increases patient comfort.

This also relieves care giver from setting the cycle time.

Functional with Comfort



VARIABLE LOW PRESSURE

VLP mode generates a low peak contact pressure offering a high level of comfort and pressure relief.



CONSTANT LOW PRESSURE

CLP offers constant pressure in whole mattress and maintain same pressure. This will increase pressure redistribution. The operating pressure in this mode is lesser than other operating modes.



INDIVIDUALLY REPLACEABLE CELLS

The overlay system offers a replaceable cell which can be quickly changed to keep the mattress's life extended to many years.



LOW FRICTION COVER

Low friction cover which is made of polyurethane cover reduces shear force.



WATER PROOF COVER

The cover is washable making it most hygienic in managing patient affairs. Fully water repellent and easy to clean is one of the key features in preventing infections.



WELL PROTECTED ZIPPER

The Cover is attached with concealed two way zips to reduce ingress of fluids.



SILENT RUNNING & LOW VIBRATION



USER FRIENDLY INTERFACE



AUDIBLE & VISIBLE NOTIFICATIONS

NEW



VLP MODE

With the new VLP® mode and CLP mode the control unit adapts to the patient's requirements with minimal effort. The mattress overlay offers pressure relief and comfort to patients who are in need of short/long-term care. MaxFirm® mode gives the caregivers and clinicians time to act whenever they need a clinical intervention.



DIGITAL CONTROL UNIT



CuroCell® Encore prides itself of additional features like the light weight and quieter control unit in its category. The compressor works only when required making it long-lasting control unit. Maximum patient weight is up to 150 kg.

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HEALTHCARE



ELECTRICAL SAFETY

Patient safety and comfort is the theme behind the design of CuroCell® Encore. The unit works on a 12V DC power supply which protect the users from electrical shock even if the power cable snaps or break.



POWER FAILURE MANAGEMENT

CuroCell® Encore offers peace of mind when it comes to power failure. The unit will equalise pressure in the mattress and maintain it for atleast 10 hours when power failure occurs.



NON-INTERCHANGEABLE QUICK CONNECTOR

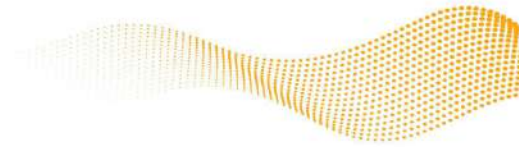
A unique non-interchangeable quick connector with CPR function makes the connection between mattress and control unit simple and easy to use.



SOFT FRICTION HANGERS with extra soft tip.

CuroCell® Encore

PRESSURE REDISTRIBUTION MATTRESS



TECHNICAL SPECIFICATION

CONTROL UNIT

Model	CXIP02
Input voltage	100-240V / 50-60 Hz
Mode of operation	VLP/CLP/Maxfirm
Cycle time	VLP 12-15min
Power consumption	0.0057 KW/h
Maximum working current	0.07A
Average working current	0.04A
Weight	2 Kg
Temperature(C°)	10-50
Humidity	Less than 95%
Electrical classification	Class 2 type BF
Applied part	Mattress CXIM

MATTRESS

Model	Dimensions (WxLxH)	Weight
CXIM02	90x200x10 cm	5 kg



Always read the user manual prior to use.

RESULTS OF "VLP / CLP Mode"

Testperson: Male, 174 cm, 79 kg

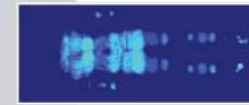
Pressure Area Index (PAI)	
Percentage under 30mmHg	95,65 %
Percentage under 20mmHg	53,81 %
Percentage under 10mmHg	6,11 %
Average pressure	19,7 mmHg
Peak pressure	34,5 mmHg
Contact area	3279 cm ²

VLP- Channel 1



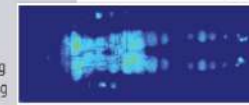
Pressure Area Index (PAI)	
Percentage under 30mmHg	98,48 %
Percentage under 20mmHg	56,44 %
Percentage under 10mmHg	5,73 %
Average pressure	19,7 mmHg
Peak pressure	36,3 mmHg
Contact area	3339 cm ²

VLP- Channel 2



Pressure Area Index (PAI)	
Percentage under 30mmHg	97,53 %
Percentage under 20mmHg	44,8 %
Percentage under 10mmHg	4,81 %
Average pressure	20,8 mmHg
Peak pressure	34,4 mmHg
Contact area	3437 cm ²

CLP



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