



Advanced Semi-Dynamic Support Surface





Immediate protection from +
pressure ulcers

Behaves like a dynamic, even in +
non-powered mode

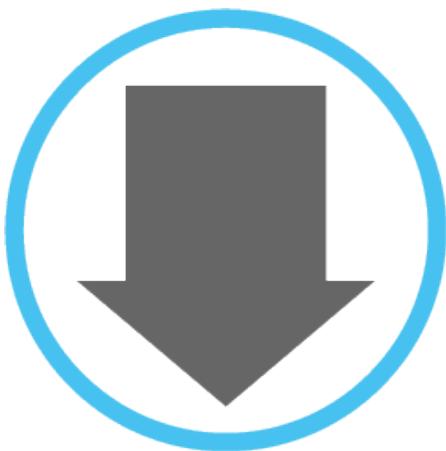
Cost-effective +



A semi-dynamic support surface that achieves the same therapeutic profile as a dynamic, even without an air supply unit.



Immediate protection due to the high therapeutic performance



Reduce the amount of air supply units required

With evidence suggesting full-thickness (category 3 or 4) pressure ulcers can develop in as little as 1 to 2 hours¹, it is vital that patients are protected as quickly as possible on a surface that offers significantly higher protection than a standard foam mattress.

For all patient risks, the innovative, semi-dynamic and immersive Medstrom Aria® Flex solution provides higher protection than a foam mattress and traditional hybrids in non-powered mode thanks to its superior design.

The high therapeutic performance in non-powered mode results in a decrease of air-powered products, however, for specific patients, as and when required, the Medstrom Aria® Flex can 'flex' up with the addition of an air supply unit, significantly reducing the time taken to get a patient on the right product, at the right time.

Immersive & Self-Adjusting

Unlike traditional hybrids that require an air supply unit to provide dynamic functionality, the Medstrom Aria® Flex in non-powered mode provides adjustment of air due to the sophisticated and immersive cell-in-cell and valve technology.

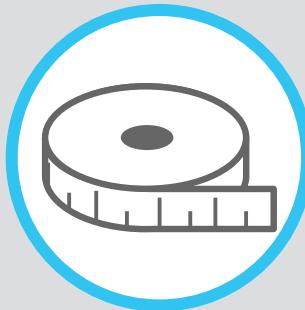
This ensures a therapeutic pressure profile is maintained at all times without any intervention from the caregiver, reducing pressure build-up against bony prominences to effectively prevent and treat pressure ulcers.



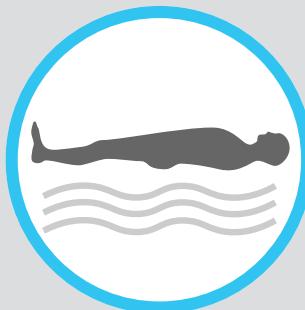
The Medstrom Aria® Flex self-adjusts to:



Patient weight



Morphology



Position



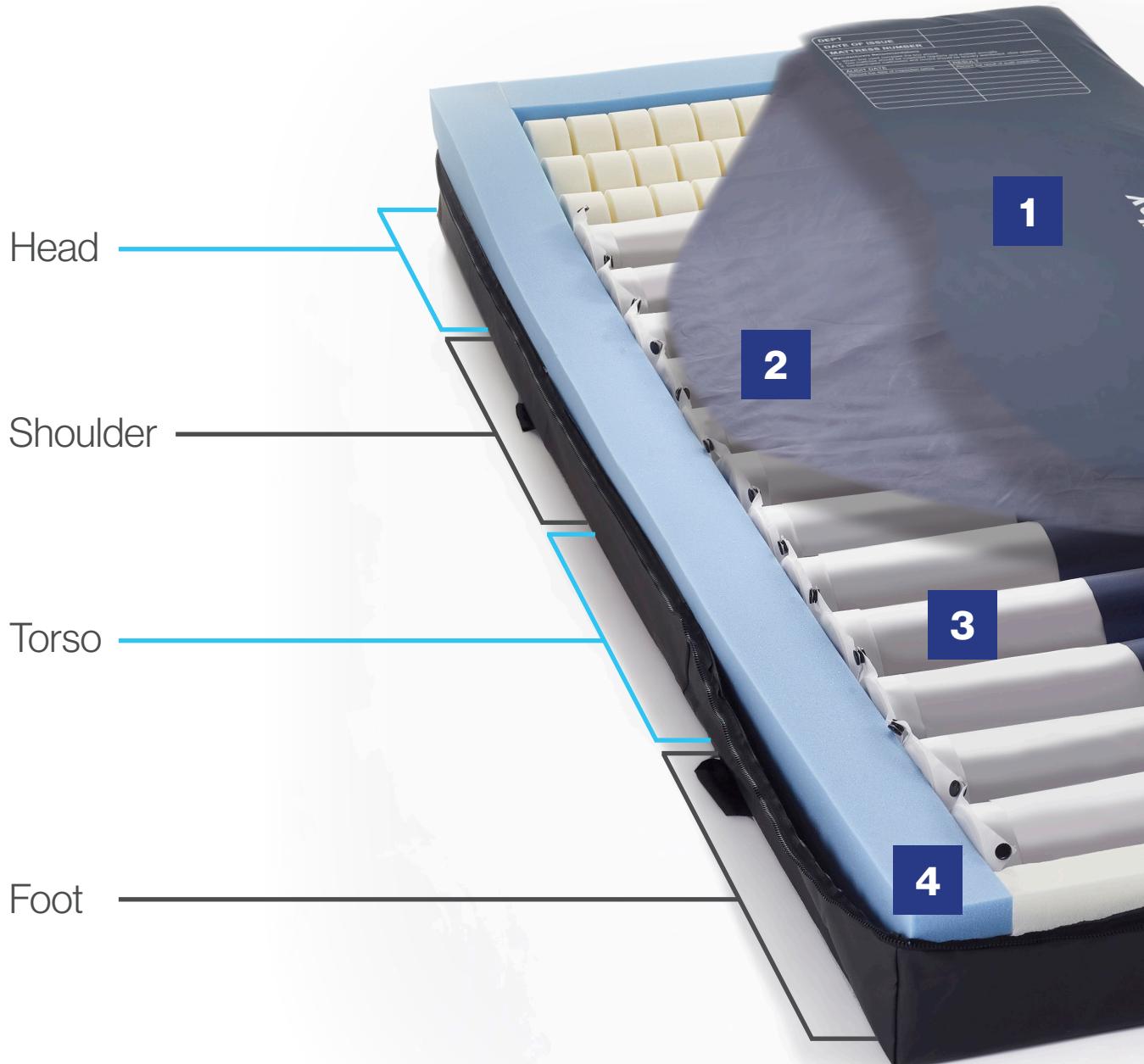
Movement

Right Patient. Right Product. Right Time.



Medstrom offers a range of pressure area care solutions to meet your clinical and operational needs.

The Medstrom Aria® Flex **behaves like a dynamic mattress**, even **in non-powered mode**.



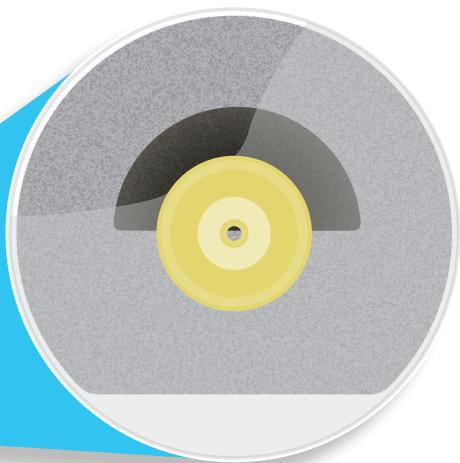
1 **Multistretch, breathable cover:** The Medstrom Aria® Flex is equipped with a multi-stretch cover which conforms to the contours of the patient for maximum comfort and coupled with the comfort layer, aids in the prevention of frictional and shear forces. The cover is moisture vapour permeable and waterproof with breathable properties to contribute towards microclimate management.

2 **Super-soft comfort layer:** 2.5cm super-soft, shear friendly visco-elastic foam layer above the immersive cells achieves high levels of envelopment, conforming to all patient morphologies and providing an incredibly comfortable experience. This is especially noticeable on the heel section where heels feel exceptionally immersed and weightless.

The Medstrom Aria® Flex is built with **quality materials**, providing **incredible comfort**.

Thanks to the automatic, self adjusting cell-in-cell design; sophisticated valve system and incredibly soft materials built in to the Medstrom Aria® Flex, the following benefits are achieved:

- Immersion remains active at all times
- Air is constantly regulated
- A range of patient morphologies are protected



3 **Zoned for specific pressure redistribution:** The shoulder, torso and foot zones comprise of air and foam cells. For each section, the air volume differs to provide zoned therapy and provide specific pressure redistribution for vulnerable areas like the heels.

4 **Firm surrounding perimeter for easier patient mobilisation:** The Medstrom Aria® Flex is built with a firm surrounding perimeter that can assist patients with a stable and safe entry/exit from the bed.

5 **Non-slip base:** The non-slip, robust and tear resistant base prevents the mattress from sliding on the sleep deck, reducing the risk of falls and ensuring product longevity.

'Flex-Up' to Powered Therapy

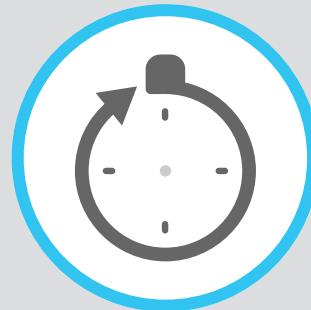
If risk assessment shows a need for a dynamic surface or higher therapy, the control unit can be added quickly and easily. This means there is no need to move your patient or wait for a dynamic mattress to be delivered, avoiding further and unnecessary risk to your patient.

When the optional control unit is attached, air is powered into the inside air cell 'pocket' to deliver dynamic air immersion therapy. This allows for:

- A greater volume of air controlled in and out of the cell.
- True dynamic therapy compared to traditional hybrids.
- Specific air adjustment for every patient.



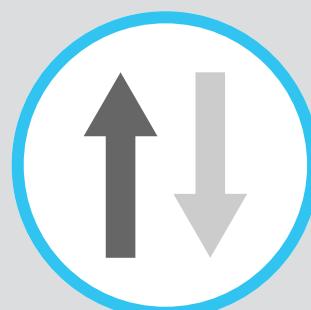
Converting the mattress from non-powered to powered is very easy and convenient.



Saves nursing time and allows clinicians to make informed decisions quicker



Create a smoother, seamless transition from different therapies



Greater flexibility for 'stepping up' or 'stepping down' dependent on a patient's clinical status

Superior Clinical Choice

The Medstrom Aria® Flex uniquely offers a choice of therapy modes for clinical choice. This ensures clinicians have flexibility based on patient tolerance, or comfort, unlike many control units that only offer one mode of therapy and limited functionality.



Constant immersion

The Medstrom Aria® Flex provides comfortable powered immersion and achieves a quicker immersion profile than in non-powered mode by adjusting each and every time the patient moves, ensuring that they remain optimally supported at all times.



Alternating low pressure

The Medstrom Aria® Flex provides powered off-loading of cells in a 1-in-2 cell cycle to reduce pressure-build up. The cycle time can be adjusted from 5, 10, 15 minutes, allowing for bespoke therapy dependent on patient preference or tolerance.

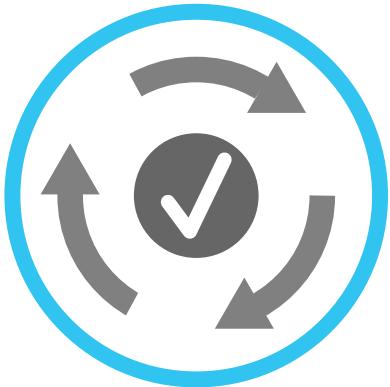
Modern, intuitive control unit

The Medstrom Aria® Flex control unit has been designed with the caregiver in mind. It is easy to understand and operate, avoiding the need for complex training. Due to technological advancements, the whisper-quiet control unit affords patients undisturbed sleep and rest, significantly improving their quality-of-life and experience within hospital or community settings.



Saving Nursing Time and Cost

The Medstrom Aria® Flex has been designed with product longevity, life cycle and nursing time in mind.



Parts are easily replaceable

Unlike foam mattresses that have a high turnover due to strike-through, all parts within the Medstrom Aria® Flex are fully replaceable.

This means in the event of strike through, the product no longer needs to be condemned, releasing cash savings benefits and increasing the product life cycle.



Increases nursing efficiency

Simplify operational processes and save nursing time by not having to rely on an air mattress being ordered, delivered and inflated.

The Medstrom Aria® Flex is suitable for the majority of patient and clinical areas and can be 'flexed' up or 'flexed' down in an instant, as and when clinical status changes.



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The transparency, efficiency, flexibility and friendliness of the Medstrom team makes them truly invaluable

Medical Devices Asset Manager

Leicestershire Partnership NHS Trust



medstrom aria® flex

Technical Specification:

Mattress dimensions:	203cm (L) x 88cm (W) x 17cm (H)
Control unit dimensions:	12cm (D) x 28cm (W) x 17cm (H)
Maximum therapeutic patient weight:	227kg
Weight of mattress:	14.5kg
Weight of control unit:	1.8kg

References:

1. <https://www.nhsinform.scot/illnesses-and-conditions/skin-hair-and-nails/pressure-ulcers#causes-of-pressure-ulcers>

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