



Support Caregivers and Patients can rely on



Introducing the iQ Medical Hybrid II System range

A comprehensive portfolio of advanced mattress systems specifically designed to encompass all patient and user needs in the prevention and treatment of pressure ulcers.

The Hybrid II Range is designed for implementation in hospitals, private homes, and professional healthcare settings, catering to nurses, caregivers, therapists, allied healthcare professionals, and even patients in home environments. The advanced systems are indicated to disperse and

redistribute pressure under supine or seated patients to assist in the prevention of pressure ulcers and to prevent the further deterioration of existing pressure ulcers. The Hybrid II product range provides therapeutic support for a wide range of patient's clinical requirements and

environments. Suitable for patients of high risk of acquiring pressure ulcers which are usually those forced to lie or sit for prolonged periods through injury, illness, or disability and those having other risk factors such as elderly individuals or those in poor physical condition.

Key benefits

User	Patient	Cost	
Easy to use systems, no weight setting	Comfortable	Customers report exceptional recycling rates	Pump can be used with all 4 systems, benefits include:
Easy to Reposition	Quiet – enabling a good night's sleep	Modular design to reduce downtime	1. Cost savings
User Guides & QR Codes for quick access to user videos	Reduction in pressure ulcer incidence	No servicing required for first 2 years	2. Less storage required
Eliminates user error - increases confidence	Improves pre-existing pressure damage	3-year warranty	3. Staff only need to be familiar with 1 pump
Easy to clean	Ease of access in and out of bed	Mattress and pump can be purchased separately	

Advanced Hybrid Mattress Systems

The advanced Hybrid System range are designed to deliver improved patient outcomes in the prevention and management of pressure ulcers up to very high risk. Designed to provide a range of therapies that allow for greater flexibility in the care of patients, including those with complex needs.



Comprehensive 3 year warranty

We want to make sure you purchase with peace of mind. We use high quality components in all our product systems. That's why all our products feature a comprehensive 3 year warranty as standard. As our pumps have no servicable parts, no servicing is required for the first two years. We recommend a Portable Appliance Test (PAT), and a full operational test conducted every 2 years.



Core II[®] HYBRID FoC

Can accommodate patients with a weight limit up to 250kg assessed to be very high risk of developing pressure ulcers and to prevent the further deterioration of existing pressure ulcers.

Suitable in both acute and community environments.

Key Features

- Advanced IPM Technology
- Silent Pump Operation
- Simple Setup
- Foam Over Cell (FoC) Technology
- Dual Therapy Modes
- Designed for Infection Control
- Modular System
- Easy Grip Straps



Scan for Core II Product Video



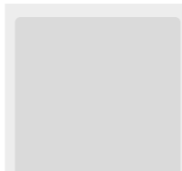
Core[®] HYBRID FoC BARIATRIC

Can accommodate patients with a weight limit up to 380kg assessed to be very high risk of developing pressure ulcers and to prevent the further deterioration of existing pressure ulcers.

Suitable in both acute and community environments.

Key Features

- Designed for Plus-size patients
- Advanced IPM Technology
- Silent Pump Operation
- Simple Setup
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Product Video Coming Soon



Stellar II[®] HYBRID FiC

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Scan for Stellar II Product Video



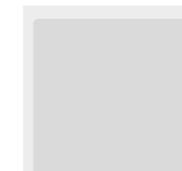
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Product Video Coming Soon

Key Product Features

Advanced IPM Technology

Intelligent Pressure Management (IPM) Technology monitors, detects and automatically responds to changes in patient weight, position and posture minimising high peak pressures under vulnerable areas of the patient's skin. IPM technology saves power during cycling times - reducing stock and maintenance costs.

Silent Pump Operation

'Whisper Quiet' pump operation to minimise patient disturbance.

Simple Setup

The system is designed for easy setup, minimising potential user error and time required for training.

Foam Over Cell (FoC) Technology

The system is a dynamic alternating mattress replacement system combining high specification foam technology layered over powered, alternating air cells. This provide pressure redistribution promoting immersion and envelopment of the patient into the surface to optimise patient comfort.

Foam in Cell (FiC) Technology

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Dual Therapy Modes

The System can be used in two modes, static mode without the need for a power unit providing protection to patients at risk of developing an ulcer/pressure injury or in dynamic alternating mode by simply adding the power unit when a higher level of treatment is required. Both modes provide pressure redistribution minimising high peak pressures under vulnerable areas of the patients skin.

Designed for infection control and easy maintenance

Antimicrobial, waterproof, multi-stretch cover and base sheet are easy to clean, feature welded seams and handles, cable management conduits and 360° zip for easy removal of top cover.

Designed for Plus-size patients

The Core and Stellar Hybrid Bariatric Systems are specifically designed to accommodate a wide range of plus size patients and offers optimal support.

Modular System

Both the mattress and the pump are modular in design, so components can be easily replaced at low cost with minimum downtime. This helps increase the product lifespan and reduces environmental impact.

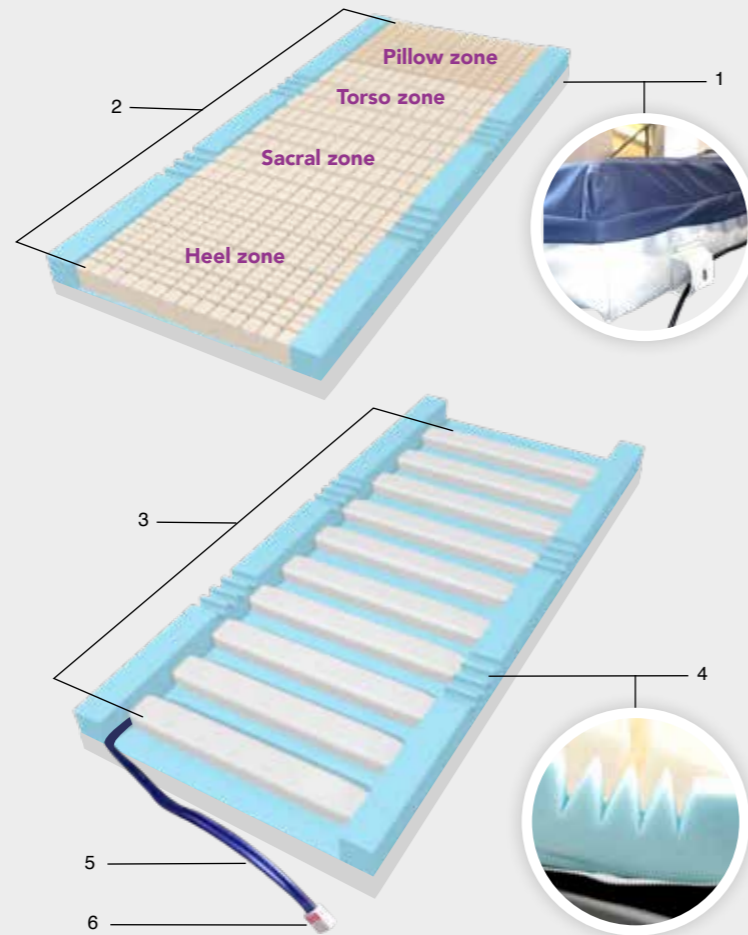
Some product features vary depending on System refer to full technical specification on page 7.

System Components

Core II

The Core II Hybrid FoC (Foam Over Cell) is a dynamic alternating mattress replacement system combining high specification foam technology layered over powered, alternating air cells.

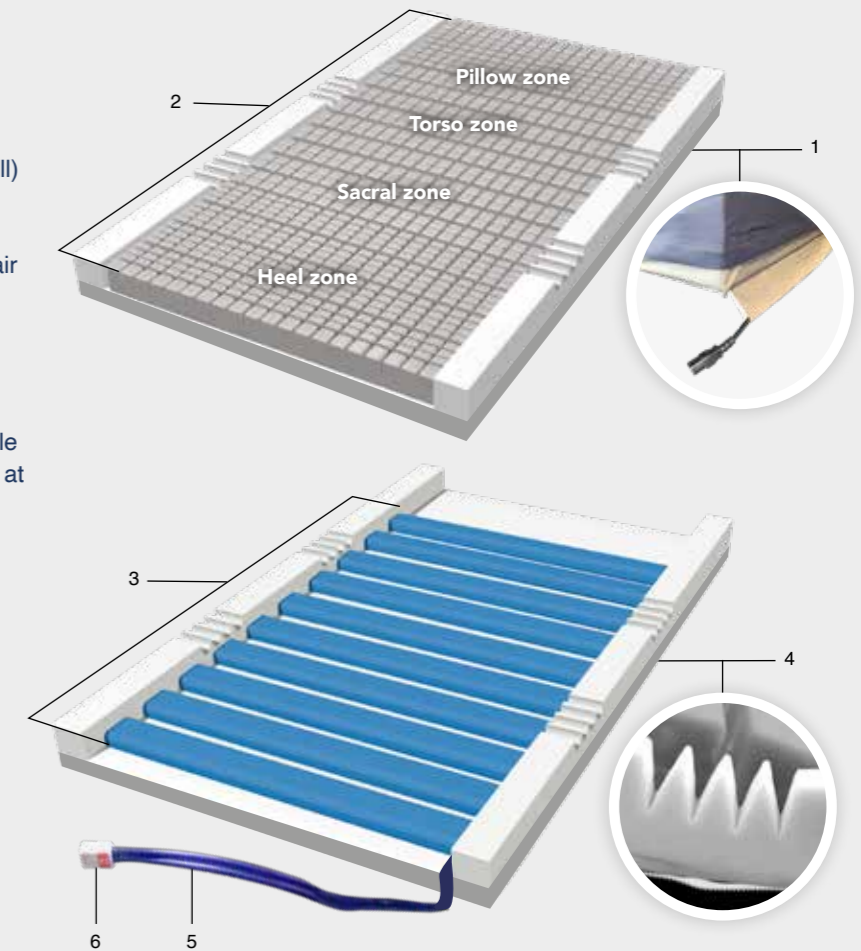
1. Base Cover with grab handles (2) and cable management conduit on the long side and at the foot end
2. Castellated foam insert over the cells
3. Dynamic (alternating) Cells (10)
4. Foam U-Core with cut-outs in sides for contouring to the bed frame
5. Tube set
6. Two-pin connector and transport cap with CPR Release label



Core Bariatric

The Core Bariatric Hybrid FoC (Foam Over Cell) is a dynamic alternating mattress replacement system combining high specification foam technology layered over powered, alternating air cells. The System is designed to offer optimal support for the plus size patient.

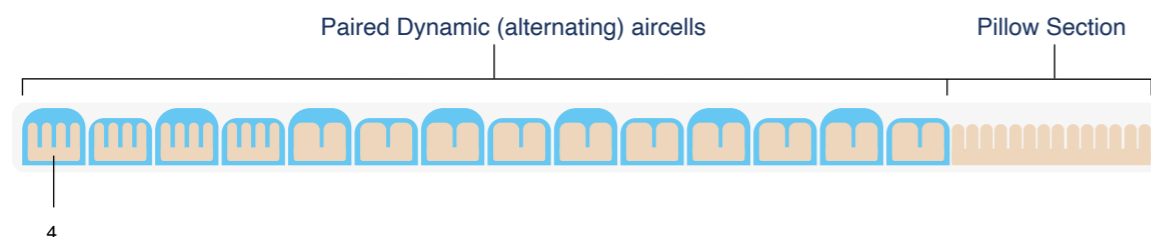
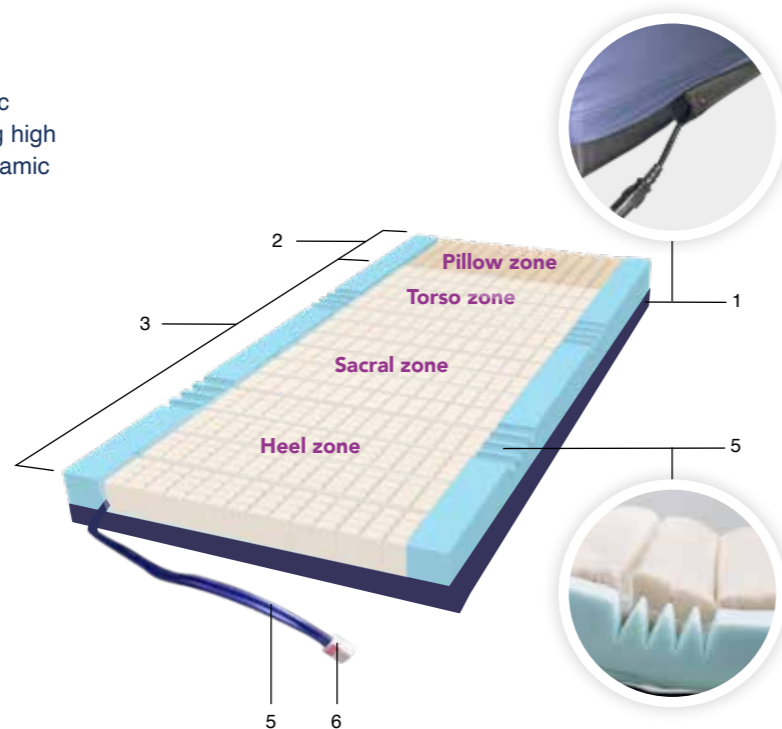
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2. Castellated foam insert over the cells
3. Dynamic (alternating) Cells (10)
4. Foam U-Core with cut-outs in sides for contouring to the bed frame
5. Tube set
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Stellar II

The Stellar II Hybrid FiC (Foam in Cell) is a dynamic alternating mattress replacement system combining high specification foam technology integrated inside dynamic alternating air cells.

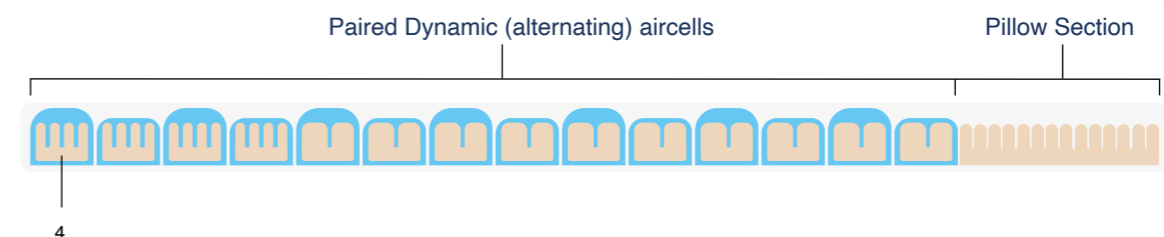
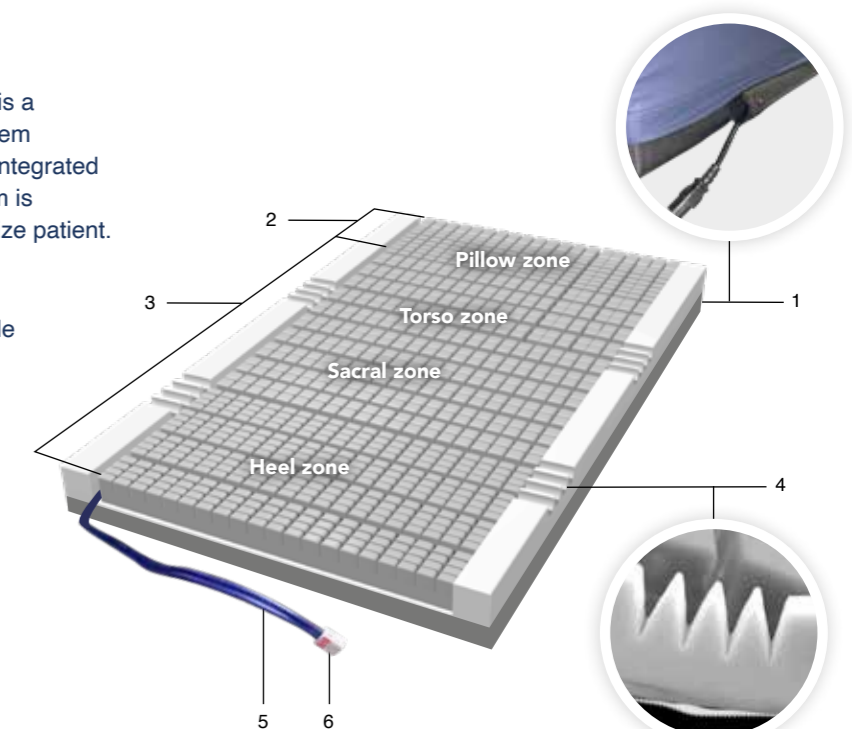
1. Base Cover with grab handles (2) and cable management conduit on the long side
2. Castellated foam pillow section insert
3. Paired Dynamic (alternating) Cells (14)
4. Castellated foam inside the cells (14)
5. Foam U-Core with cut-outs in sides for contouring to the bed frame
6. Tube set
7. Two-pin connector and transport cap with CPR Release label



Stellar Bariatric

The Stellar Bariatric Hybrid FiC (Foam in Cell) is a dynamic alternating mattress replacement system combining high specification foam technology integrated inside dynamic alternating air cells. The System is designed to offer optimal support for the plus size patient.

1. Base Cover with grab handles (2) and cable management conduit on the long side
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Multi-Hybrid Pump Specifications

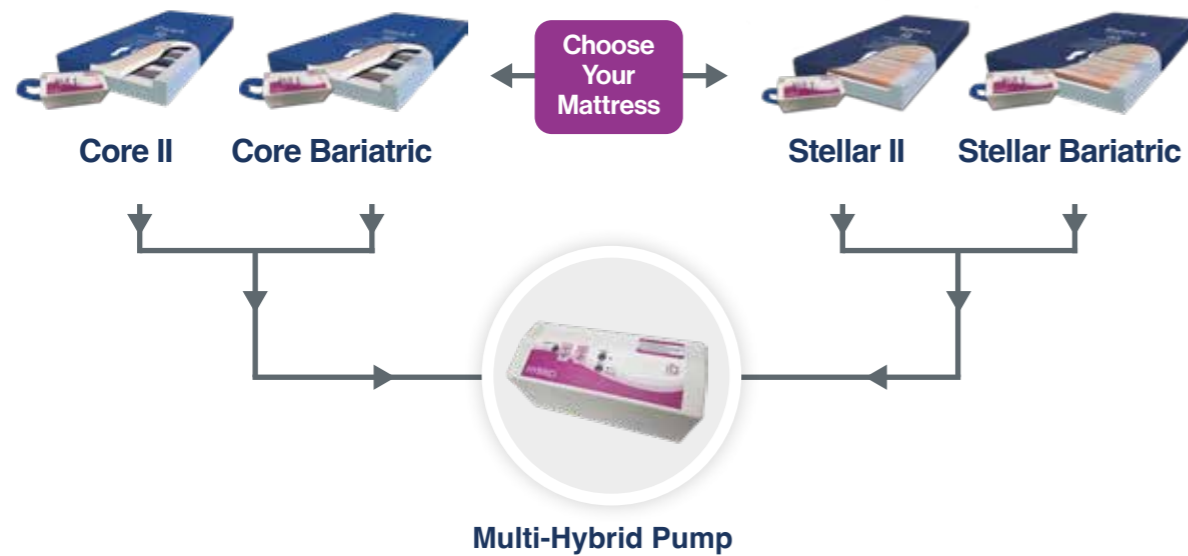
The Multi-Hybrid pump is fully automatic and has Intelligent Pressure Management (IPM) Technology that monitors, detects and automatically responds to changes in patient weight, position and posture minimising high peak pressures under vulnerable areas of the patient's skin. IPM technology saves power during cycling times - reducing stock and maintenance costs.

The pump is virtually silent and without vibration, helping to provide the sleep and rest that is so vital to patients.

The Stellar Eco System is an FiC **Pumpless** static hybrid (refer to back page for details).

Multi-Hybrid Pump Features

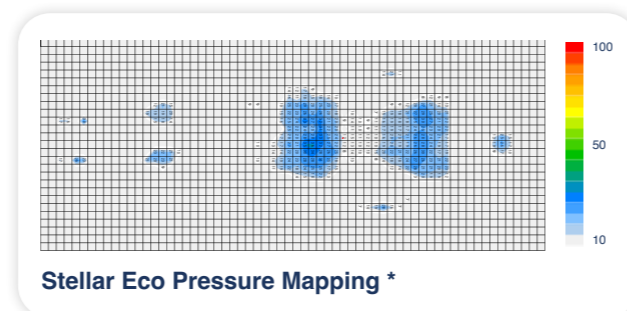
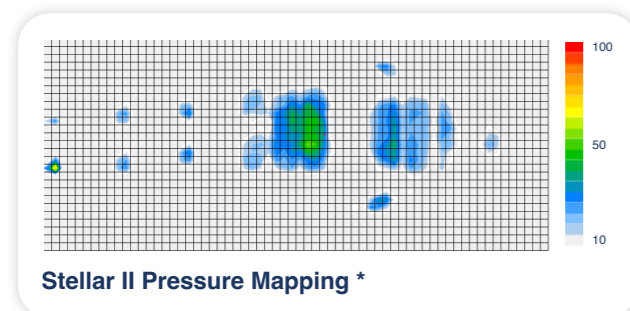
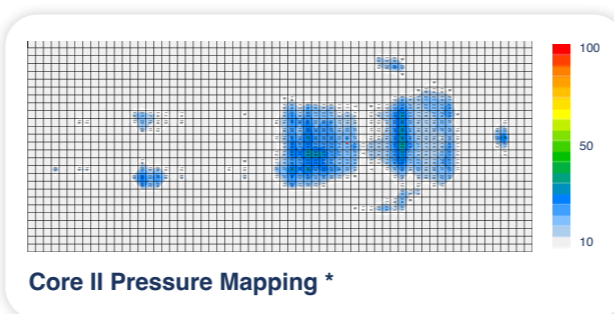
- Fully Automatic
- Simple to Use
- 1 in 2 (10 min inflation cycle time)
- Full set of audible and visual alarms
- Easy Troubleshooting
- Auto Lock Out
- Light Weight
- Max Inflate
- Rapid Inflation
- Virtually Silent



Pressure Mapping






We employ the BodiTrak Pro pressure mapping system to generate objective data which allows us to assess and document the pressure management of our Advanced Mattress Systems.

We performed rigorous pressure mapping tests that evidenced highly effective pressure redistribution over prolonged periods of time for all systems.



* Patient in supine position

Mattress Specifications

	 Core II	 Core Bariatric	 Stellar II	 Stellar Bariatric	 Stellar Eco
Max Patient Weight	250kg	380kg	250kg	380kg	200kg
Min Patient Weight	None	None	None	None	None
No. of Cells	10	10	14	14	14
Foam In Cell Technology	x	x	✓	✓	✓
Foam Over Cell Technology	✓	✓	x	x	x
Easy-Wipe Base Sheet & Straps	✓	✓	✓	✓	✓
Cable Management *	✓	✓	✓	✓	✓
Up to 12 hours Transport Mode	✓	✓	✓	✓	N/A
Easy Release CPR	✓	✓	✓	✓	N/A
Welded Seams	✓	✓	✓	✓	✓
Multi-stretch Cover	✓	✓	✓	✓	✓
Waterproof Cover	✓	✓	✓	✓	✓
Antimicrobial Top Cover	✓	✓	✓	✓	✓
Easy grip handles	✓	✓	✓	✓	✓
Profiling flexi grip edges	✓	✓	✓	✓	✓
Specifically designed foam sections for head, body and feet	✓	✓	✓	✓	✓
Retaining tube-set strap	✓	x	x	x	N/A
Width	88cm	120cm	88cm	120cm	88cm
Length	198cm	198cm	198cm	198cm	198cm
Depth	15.3cm	15.3cm	15.5cm	15.5cm	15cm

* Cable Management runs along both sides of mattress

The Ultimate Pumpless System

The Stellar Eco is a 'Foam-in-Cell' pumpless hybrid mattress system to provide pressure redistribution, exceptional patient comfort and increase patient conformance. The System is an ultra low energy efficient product - no pump required. This allows long term savings on energy usage and any associated maintenance cost. The modular design increases the product lifespan and reduces environmental impact.



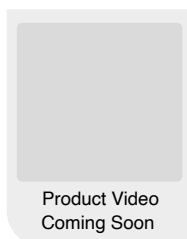
Stellar Eco[®] HYBRID FiC

Can accommodate patients with a weight limit up to 200kg assessed to be very high risk of developing pressure ulcers and to prevent the further deterioration of existing pressure ulcers.

Suitable in both acute and community environments.

Key Features

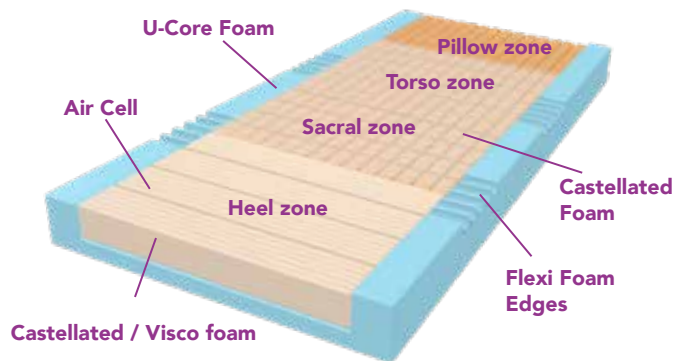
- Innovative Pumpless FiC Technology
- Pressure Relief and Comfort
- Designed for Infection Control
- Modular System
- Eco Friendly



Product Video Coming Soon

Why Choose iQ Medical?

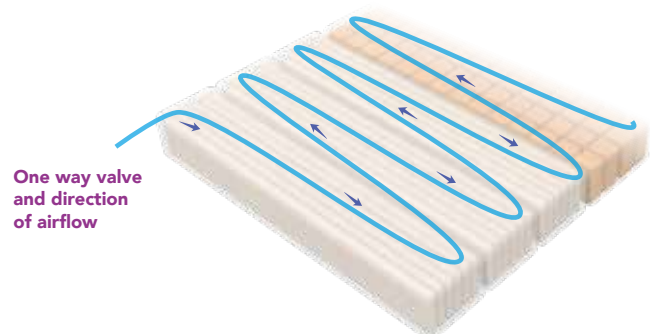
- > Reliable
- > Enviably first-class service
- > Comprehensive 3-year warranty
- > Trusts who choose iQ enjoy significant cost savings in product, spares, maintenance and delivery costs
- > High customer retention rate
- > In-house decontamination unit



Key Product Features

Innovative Pumpless Foam in Cell (FiC) Technology

Four specifically designed foam sections for head, body and heels with body pressure distribution analysed to maximise ergonomics and optimise comfort for the patient. When the patient moves or is repositioned the air will circulate around the cells to redistribute the pressure.



One way valve and direction of airflow

Pressure Relief and Comfort

The air circulation is automatically controlled by a series of one-way valves, one at the bottom, the other at the top. This controls the throughput of air and does not require any power. Air distribution technology redistributes any pressure based on body position and weight and provide a much higher level of comfort than standard foam mattresses.



Direction of air flow inside cell

Modular Design

The system is modular in design and all parts are interchangeable to allow quick and easy replacement of components at low cost. Ideal for both community and palliative care environments. Other features include easy to transport handles, multi-stretch high comfort cover and easy wipe base sheet.

Refer to product features on page 2–3 and full technical specification on page 7.