

How did we design  
such a *revolutionary* alternating  
pressure mattress system?

*"Simple servicing and maintenance?"*

*"Stepping down function?"*

*"More affordable?"*

*"Quieter pump?"*

*"Easy set-up and adjustment?"*

*"Efficacy equivalent to leading mattress systems?"*

*"Adaptable to all kinds of patient?"*

**We asked *you!***

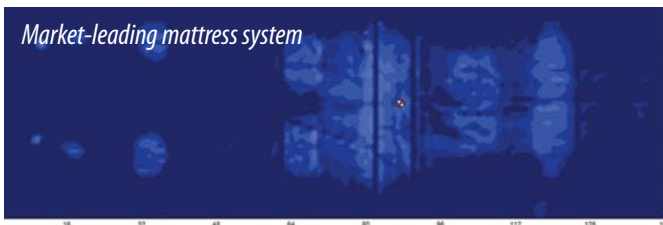
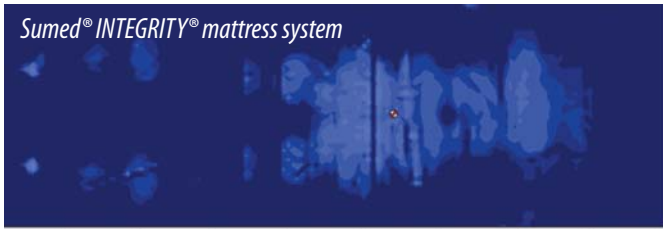
The result is INTEGRITY®  
a design that combines  
simplicity with outstanding  
functionality.



# INTEGRITY® - everything you asked for

## PR1 levels comparable to industry leaders<sup>1</sup>

Tests on a range of patient body types using Xsensor® pressure mapping on heels, sacrum and trochanter showed very close matching of PR1 (Pressure Relief Index) levels between Sumed® INTEGRITY® and industry-leading systems.



Pressure mapping images show almost identical PR1 levels to the current market-leading mattress system.

## Small cells give excellent patient comfort, immersion and pressure relief



INTEGRITY® has a double height small cell construction with arrays of micro low air loss (LAL) cells at the heels, sacrum and head.

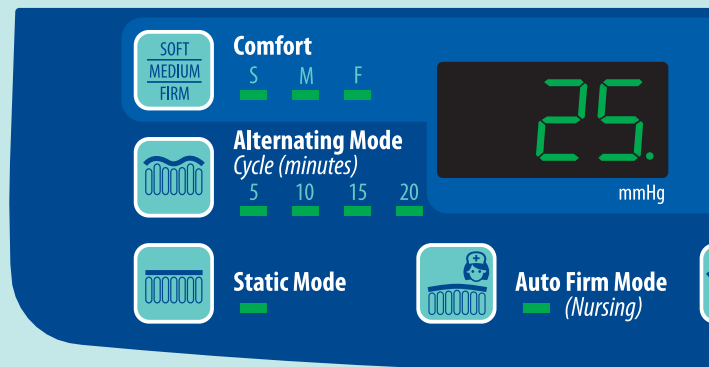
The micro LAL cells deliver maximum immersion and comfort in these most vulnerable areas.

## Adaptability to all kinds of patients

INTEGRITY® can comfortably support patients up to 28 stones and has a very wide range of functionality.

Pressure and cycle time can be adjusted to suit individual patient

needs and body types with soft, medium and firm pressure setting options with additional adjustability within each setting and cycle times of 5, 10, 15 and 20 minutes.



## Crystal-clear controls

The INTEGRITY® control panel is so simple and easy to use with the following options:

- An automatic 'start up' mode which auto-adjusts for patient weight with a 10 minute cycle time and medium pressure level
- Pressure and cycle time options
- Fine pressure control
- Auto Firm "Nursing" setting for catheterisation and manual handling procedures
- Auto Dual setting that switches between static and alternating pressure on a 60 minute cycle





# For in a mattress and more...for less!

## Comprehensive safety measures

To maintain patient safety, INTEGRITY® will automatically switch back to alternating pressures after 1 hour on Static mode or 30 minutes on Nursing mode.

The INTEGRITY® polyurethane cover is white inside for easy fluid ingress inspection and its fixing straps have quick-release poppers that prevent tearing if the mattress is incorrectly fitted to a profiling bed.



A 5cm soft foam underlay provides permanent protection against "bottoming out".



The control panel automatically locks after 15 seconds and alarms will sound for low pressure and power loss.

## A compact, convenient and ultra-quiet pump

The sophisticated INTEGRITY® pump is small, ultra-quiet and can either be hung from the bed with easy-attach hangers or placed securely on the floor.



## Simple servicing and comprehensive support



We've designed all parts of INTEGRITY® to be easily accessible, with colour coded hoses, cells and mattress cover poppers to ensure simple, accurate replacement.

An expert technical support and parts service is available and the entire INTEGRITY®

mattress system has a comprehensive 2 year warranty.

Auto Dual Mode

- Lock/unlock
- Low Pressure alarm
- Power Failure alarm
- ON
- Standby

## Unique modes for "stepping down"

As well as a 1 hour Static mode, INTEGRITY® has a unique Auto Dual mode

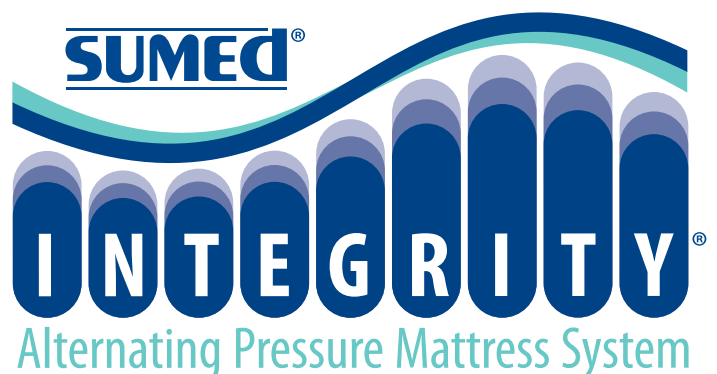
that alternates between an hour of static support followed by an hour of alternating support.

Using Auto Dual and Static modes along with the adjustable pressure and cycle times, INTEGRITY® is ideal to prepare patients for "step down".



## And even the price is right!

Despite their high-quality construction, full functionality and comprehensive support, INTEGRITY® Alternating Pressure Mattress Systems are **SUBSTANTIALLY LOWER IN PRICE THAN THE CURRENT EQUIVALENTS** and have additional generous discounts for volume orders.



# Clinical staff, patients, engineers, budget holders *we listened to what was important to you!*

*Nurse and patient comments...*

*“The pump is  
very quiet”*

*“Preferred to the  
old mattress”*

*“It’s a big improvement...  
no noise through the night...  
more comfortable”*

*“This is an excellent  
mattress”*

*“The patient moves better”*



**For more information**  
**Call 01457 890980**  
or visit us at [www.sumed.co.uk](http://www.sumed.co.uk)

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## *Top-level clinical efficacy*

- ✓ Superb pressure relief with PRI (Pressure Relief Index) figures equivalent to the very best systems on the market<sup>1</sup>
- ✓ Small cell sizes for maximum patient immersion and comfort
- ✓ Micro LAL (Low Air Loss) cells in the most vulnerable areas (head, sacrum and heels)
- ✓ Fail-safe construction with double height cells and 5cm foam base that prevents the risk of “bottoming out”

## *Excellent adjustability and ease of use*

- ✓ Suitable for all patient shapes and sizes with a suggested lower weight limit of 5 stones and an upper weight limit of 28 stones
- ✓ The ability to fine-tune cycle times and pressure settings
- ✓ Unique Auto Dual mode to help in “stepping down” patients
- ✓ Clear, easy to operate digital control panel for plug-and-go setting up
- ✓ Includes carry bag with wheels for portability

## *Quality construction and simple maintenance*

- ✓ High-quality construction for long trouble-free life
- ✓ Exceptionally quiet compact pump
- ✓ Full 2 year warranty\*
- ✓ Mattress inflates to height of 15cm and weighs only 14.5kg including pump
- ✓ Excellent spares support and technical backup

## *Incredibly low price*

- ✓ Substantially less expensive than equivalent mattress systems, with further generous discount for volume orders

\*Warranty covers mattress and pump against manufacturing defects  
1. Data on file

