



Sentry
Cost Effective
Solutions for Dynamic,
Results-Oriented
Pressure Relief



Low
Air Loss

Alternating
Pressure

Inflated
Bolsters

Fowler
Boost

SentTech



Sentry Therapeutic Support Surface

The Tridien Sentry Mattress System provides alternating pressure relief while stimulating peripheral circulation. The 20 individual air cells alternately inflate and deflate, with the ability to change the alternation from 4-15 minutes depending on patient need. This system is designed to provide reduction in tissue interface pressure during this entire cycle. The therapeutic support surface is additionally supplemented by integrated air side bolsters that run the length of the mattress and a raised air bolster in the torso section.



Features

Air Cells

20 Individual Air Cells that alternately inflate and deflate, alternation can vary from 4-15 min. Each cell has an inflated height of 5 1/4" allowing for greater immersion.

Water Resistant

The sealed medical grade shell allows the mattress to be water resistant, while providing maximum infection control.

Bolsters

The Sentry 1250 has integrated low profile side bolsters while the Sentry 1400 has four additional 3" inflatable/deflatable raised bolsters to help keep patients centered and provide additional support between mattress and siderail.

Low Air Loss

The Sentry 1250 provides Tridien's standard Low Air Loss, while the Sentry 1400 provides Tridien's patented Low Air Loss Microvent Technology® which provides a gentle flow of air directly to the patient through the top coverlet.

Flexibility, Convenience, Comfort

The bed frame straps allow the mattress to secure to any bed frame.

Foam layer is positioned beneath the air cells for maximum support and comfort.



Sentry Control Unit and Display



The microprocessor controlled Sentry allows caregivers to accurately monitor the pressures in both the inflated and deflated air cells. Low pressure, the goal of all pressure relieving surfaces, is displayed in one area while the inflated pressure, to prevent bottoming-out, is displayed in another. The Low Air Loss feature can be activated in either alternating pressure or float mode to provide continuity of therapy. Easy to use system works by just pressing the buttons for whatever therapy you need.

Features

Microprocessor

Microprocessor controlled unit maximizes precision and reliability.

Therapies

Provides both alternating pressure and air flotation modes.

Functions

Max Inflate used for either patient transfer or patient procedures. Fowler Boost aids patients placed in an upright position.

The Sentry 1400 has inflatable raised bolsters.

Digital Display

Displays amount of delivered pressure.

Displays user activated features.

Settings

Ability to lock-in settings, to prevent unintended changes.

On/Off Low Air Loss function. Adjustable AP, Float, Fowler pressure, and AP cycle time.

Alarm

Intelligent Sensor Alarm alerts the caregiver when there is a leak in the mattress or kink in a hose.



Our new CPR release is attached to the control unit. This prevents it from interfering with bed rails or mattress bedding.

Control Unit

About Us

About Tridien Medical

Based in Coral Springs, FL, Tridien Medical, is a leading designer and manufacturer of medical therapeutic support surfaces and patient positioning devices, which are primarily used for the prevention and treatment of pressure wounds experienced by patients with limited to no mobility. Tridien offers bi-coastal design and manufacturing facilities in California and Florida. Tridien's stringent quality management system guides the company's daily operations and each operation is certified to ISO-13485.

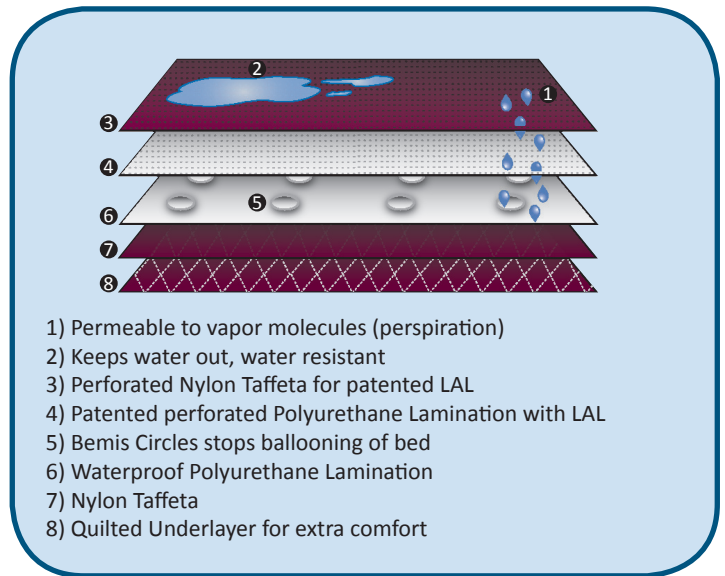
Innovation And Development

Tridien's engineering expertise includes specialists in the areas of electronic design, software development and programming, mechanical applications, and electrical engineering. In the soft goods area, the company has significant skills in the selection and application of synthetic materials, as well as in cutting, welding and sewing. The decades of experience and engineering expertise allows Tridien to continuously introduce new products as well as improve existing ones.

The expansive engineering team focuses on research and developing innovative products that provide customized solutions for patients with special needs. In addition, Tridien closely interfaces with physicians and clinicians to rapidly design, engineer and manufacture products and new applications for evolving customer requirements.

TECHNICAL INFORMATION

The Sentry Mattress Replacements:



- Patented coverlet reduces shear and friction
- Low coefficient of friction and #1 anti shear surface
- Permeable to vapor molecules (perspiration) yet impermeable to water
- Warranty: 1 year

The Sentry microprocessor controlled Power Unit:

- Contains LED back-lighting for continuous illumination
- Portable, lightweight unit (11 lbs.) fits on any universal bed frame
- Hi-performance compressor with minimal power consumption
- Designed with new "quick release" CPR disconnect for fast mattress deflation that is controller based instead of mattress based
- Consolidated connections in one entry point from mattress
- Warranty: Compressor Pump - 2 years, Electronic Controller - 1 year

In addition to the standard features of the Sentry 1200, the 1400 adds Tridien's patented Low Air Loss Microvent Technology® and raised bolsters.



1250



1400 Microvent LAL, Raised Bolsters

Electrical	Input Voltage: 110-120 VAC, 50-60Hz
Approvals	IEC 60601-1
Dimensions	Pump 14" x 6.5" x 12". Mattress 80" x 36" x 6".
Weight	Pump: 11 lbs. Mattress: 27 lbs / Patient weight up to 500 lbs.



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