

Pro-Daptive™ SensorCell™ Flotation Surface with Enhanced Isolated Air Flow™

The **Pro-Daptive™ SensorCell™ Flotation Surface** is a powered advanced care mattress that provides a new generation of therapeutic flotation. LeviSense combines SensorCell™ technology with surface visualization and control to achieve what traditional surfaces can't: programmable immersion and outstanding envelopment for unmatched pressure redistribution and comfort, with meaningful labor and cost savings across the continuum of care.

Key Features & Benefits

SensorCell™ Adaptive Support

Hundreds of SensorCells™ automatically adjust to body contours providing, stable, custom pressure relief.

Optimized Therapeutic Modes

Five distinct operating modes support patient mobility, targeted comfort, heel flotation, and cavity creation, ensuring an adaptable solution for each patient.

The SensorCell™ Surface Monitor

An intuitive touchscreen interface visualizes what the patient feels and offers precise and instantaneous adjustments.

Top Performance - Redefined

Superior immersion and envelopment across competitive technologies, offering advanced pressure redistribution in a simplified, accessible platform.

Compatible With Most Bed Frames

A versatile surface designed to meet the needs of acute care, long-term care and home-care settings and frames, including bariatric.



For the Treatment and Prevention of Decubitus Ulcers (Pressure Injuries or Bed Sores)

Including treatment of high acuity patients with severe wounds, such as Stage III, Stage IV and unstageable pressure injuries.

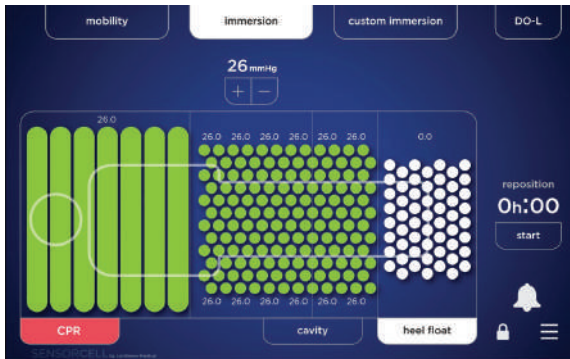


Including prevention of pressure injuries for those that are at high risk of developing pressure injuries, such as patients who are bed-bound or have mobility limitations due to:

- Spinal Cord Injury, MS, ALS, CP.
- Post stroke, amputation, and other mobility limitations.
- Rehabilitation from disease or injury.

Reducing the hardships of being bedridden—for patients, caregivers and providers.

The SensorCell™ Surface Monitor



- Controls all primary functional modes.
- One finger touch navigates instantly to all 5 of the primary modes. The pressure change is instantaneous.
- The screen shows the user selected pressure settings and monitors the actual pressure in each of the 14 zones.



Flotation Control

Pelvis, Legs and Foot Section

- Hundreds of independent SensorCells™ caress the body. SensorCells™ have a 2.4 inch diameter, each of which independently reacts to control the pressure and provide exceptional envelopment.
- Extraordinary Immersion. SensorCells™ offer a deep immersion surface that permits flotation at extraordinarily low-pressure settings.

Torso Section

- Quality high volume air cells with adjustable support and pressure redistribution.

Adjustments

- Pressure Range adjustable from 0 to 70 mmHg.
- 14 Independently adjustable modules.
- Featuring memorized adjustments.
- Repositioning countdown timer.

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Caregiver Settings

Switch between Five Therapeutic Modes to target unique patient needs.

- **Mobility Mode** – For E-Z transfer and patient care.
- **Immersion Mode** – Preset to 26 mmHg. The pressure can be raised or lowered by 2 mmHg increments for clinical or comfort reasons.
- **Custom Immersion Mode** – Separate memorized adjustments for 4 independent zones.
- **Heel Flotation Mode, and Cavity Creation Mode** – Select zero-pressure to offload selected areas of concern.
- **Dynamic Off-Loading** - gentle tilt transitions combined with continuous Support Flow™ unloading without sleep disruption.
- **CPR** – 2 alternatives for quick access.

Enhanced Isolated Air Flow Cover

Moisture-Resistant with Isolated Air Flow:

Moisture-resistant, breathable fabrics with enhanced air flow enhance microclimate control.

Durability: Covers are made of materials that withstand frequent use, cleaning, and disinfection and meet federal and state fire safety and infection control standards.

Full-Zipper, Seamless and Replaceable



www.levisensemedical.com

<https://levisensemedical.com/patents/>

Reducing the hardships of being bedridden—for patients, caregivers and providers.

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