



SUPPORT SURFACES

Lumex Select AeroComfort™

LS900 ALTERNATING PRESSURE/TRUE LOW AIR LOSS MATTRESS

Designed to help prevent and provide therapy for the management of patients with a high risk (up to Stage IV) of developing pressure injuries.

Pressure Mapping Report

The interface pressure between the patient and the mattress has been shown to be improved when a LS900 Aero Comfort Mattress System is chosen as a replacement for a standard foam mattress. The effect will be that the system will aid the prevention and cure of decubitus pressure ulcers.

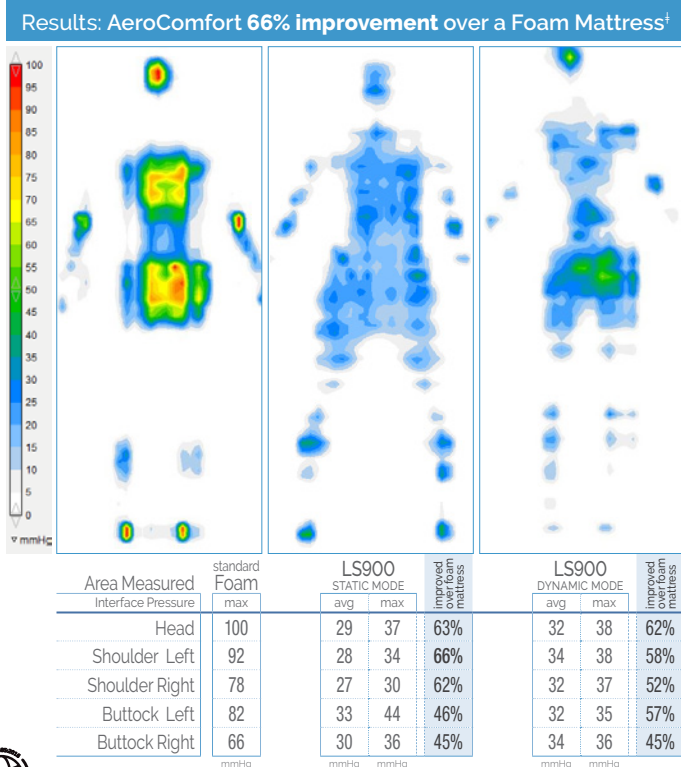
The LS900 Aero Comfort Mattress System offers wound care therapy designed specifically to take care of patients who are at high risk of developing pressure ulcers, or already enduring distress and discomfort from pressure ulcers. The System provides multiple mattress sizes to choose from; it is compatible with various body types and an array of environments. Details were considered thoroughly in the design of our mattresses ensuring the gentlest healing environment for sensitive skin.

Product Comparison: Lumex[®] AeroComfort LS900 vs Standard Foam Mattress

Testing Procedure:

1. A pressure mapping test mat is connected to a computer and laid on top of the mattress
2. The patient lies on the mattress and data is sent from the test mat and recorded by the computer
3. The test mat is moved onto the mattress under test and the patient lies on the test mat again
4. The correct mode and weight settings for the test are selected on the power unit
5. Once the system is operating normally, data is sent from the test mat and recorded by the computer

Patient: 5' 7" | 143 lb • 170cm | 65kg



Up to a **66% IMPROVEMENT** in Interface Pressure results over a standard foam mattress

Interpreting Test Data:

- Requires finding the maximum interface pressure between
 - the patient and foam mattress
 - the patient and the AeroComfort mattress

Compare by calculating the percentage improvement that the AeroComfort LS900 mattress has over the foam mattress

$$= 100 \times \left(1 - \frac{\text{LS900 AeroComfort}}{\text{Foam Mattress}} \right)$$



GF Health Products, Inc. is an Intertek ISO 13485:2016 / MDSAP Certified Company

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