

Stratus9.1 Mattress



270kg MPW

Ulceration grade*

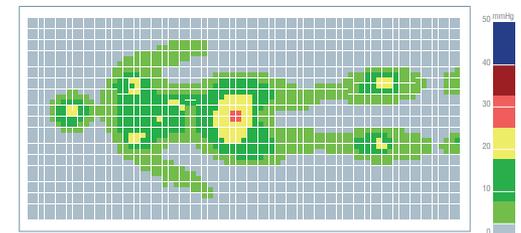


+ Mattress characteristics

Replacement mattress, designed for ulcers and sores prevention in high risk patients (grade I) according to Norton scale and to mitigate pressure ulcers up to grade IV according to EPUAP.

+ General characteristics

- The mattress has 20 individual and independent cells, high resilience, made of Nylon/PU, closed by a hermetic system and all in transversal position.
- The header cells are alternated, to avoid the blood thrombus in patient head.
- 30 seconds maximum mattress inflation time.
- RCP valve, fitted on the upper mattress area. In case of emergency, it allows to deflate the mattress in 10 seconds.
- With 10 firmness levels.
- Automatic redistribution pressure due to sensors, continuously communicated with the mattress. This ensure the same comfort level for the patient during all his stay in bed
- Digital control unit with visual and acoustic low pressure alarm and power failure alarm, with silent mode as an option.
- Touch-pad control panel, intuitive and friendly use, with function locking button to avoid unintentional changes.
- Unplugged, the system maintains the maximum pressure for 15 minutes, afterwards gradually falls..
- The cells are placed on a 5 cm. air mat that avoids the patient contact with the bed.
- Nylon with polyurethane coating cover, with fire retardant and full-zip, away from the mattress edges, to prevent patient injuries.



Gender: Male. Weight: 68kg Height: 1'67cm.



+ Therapies



Alternating:

In this mode, the cells are inflated in an alternative way, deflating one out of three cells, from 3 to 20 minutes time cycles.



Static:

All cells are inflated with the same firmness, which will be specified by the caregiver, depending on each patient.



Pulsating:

This therapy can be used for cycles from 3 to 20 minutes.

Pulsate:

This therapy combines the alternating and pulse therapies. It avoids patient ulcerations and reduces the breathing risk.

+ Modes



Max Firm:

The mattress will be inflated uniformly until to have the maximum firmness, during for 10 minutes maximum, afterwards the original setting will return automatically.



Fowler:

This mode has to be used when the backrest is articulated between 25 and 45 degrees, lowering or raising some pressure areas.

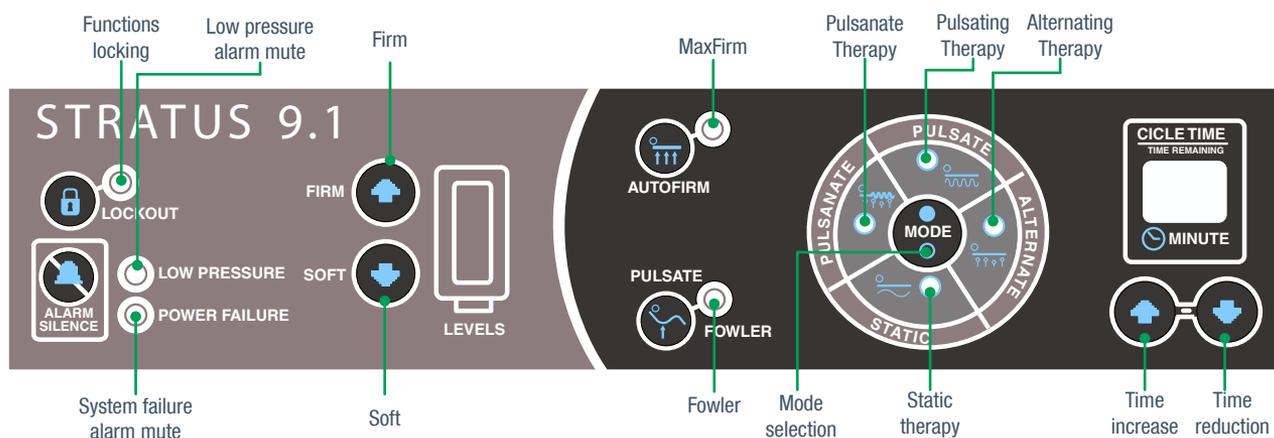
It has an optional accessory that activates this function automatically when the bed is articulated.



Low Air Loss:

This mattress has various continuous air exits through it, because it has micro-perforated cells, which favours to maintain the patient fresh and ulcers free.

+ Control Unit



+ Technical specifications

Mattress	
Dimensions	85x200x20 cm.
Weight	12'7 Kg.
Pressure range	20-80 mmHg
Maximum patient weight (MPW)	270 Kg.
Ulceration grade (EPUAP)	IV

Control Unit	
Dimensions	40x15x26'5 cm.
Weight	8'2 Kg.
Noise level	23-40 dB
Minimum air input	1740 Litres/ Minute
Protection grade and type	Type B / IP21