

▶ Elexa™-M

Intensive Care Bed



3/4 Length
Siderails

Smart Slide™

Low Bed
Height



#notjustanotherbed

Concept of Early Mobilization & Safety



- **Long duration immobility** causes pressure ulcers, respiratory illness, loss of muscle mass and constipation resulting in further complications for the patient. Hence early mobilization is critical as it ensures faster recovery and better conditioning of the patient along with his or her mental well-being, resulting in shorter hospital stay.

Concept of Early Mobilization & Safety



- **Patient falls** are the most serious incidents in a hospital environment and affect both the patient and the caregiver. Almost 30% of such falls occur while getting in and out of the bed. Equally important is the safety of the caregiver as strenuous moving and handling of the patient in a hospital bed causes injury to the caregiver.
- **AMSON Elexa™ bed series is your solution** as its ergonomic design promotes the concept of early mobilization and safety for the patient. This gives overall comfort and safety, for both the caregiver and the patient.

Early Mobilization

Cardiac Chair



Cardiac chair position is obtained through a specially designed sequence of various bed functions on the press of a single button. This makes it easy for the caregiver to position the patient.

- Helps quicker post surgical recovery; adds to patient comfort during any respiratory illness.
- Provides relief to lungs and improves blood circulation.
- Psychologically more supportive to the patient.
- Reduces abdominal stress.

Auto Contour

- Synchronizes profiling of the backrest and kneerest to prevent the patient from sliding down.
- Assists faster patient recovery. The patient feels relaxed while seated.



Early Mobilization

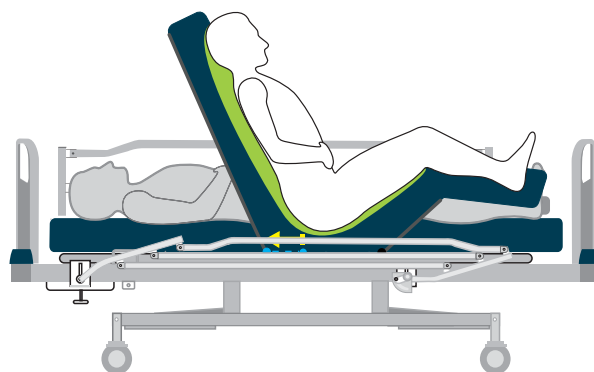
30° Stop for Backrest



- The 30° angle for the backrest is internationally recommended as it reduces pressure on the lungs and facilitates breathing. This is available on the press of a button.
- This position also reduces the occurrence of VAP (ventilator associated pneumonia) for patients on ventilators.

Smart Slide™

- When the backrest is raised, it retracts and creates a space so that the pelvic area has reduced pressure and friction. This makes the patient comfortable and it helps in better management of pressure sores.
- Thus the Smart Slide™ provides an ideal fowler and cardiac chair positions which are the most commonly used clinical applications of a hospital bed.



Deep Vein Thrombosis (DVT) Platform



- DVT is a serious complication, which affects the patient who is bed ridden for a long duration.
- The DVT platform helps to reduce the occurrence of DVT.

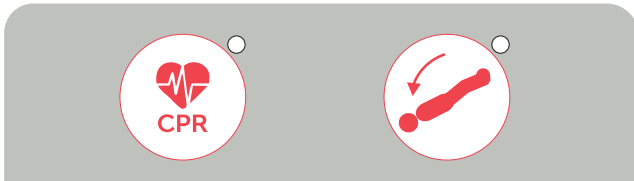
Safety

Low Height

- Low height of 399 mm helps patient to place the feet firmly on the floor to alight from the bed and stand up conveniently. This reduces risk of a fall.
- The low height thus also reduces strain for the caregiver.



Emergency CPR & Trendelenberg



- These positions are to be operated by the caregiver.
- The emergency CPR and Trendelenberg positions can be obtained by the press of an individual button.
- CPR can be manually operated from either side of the bed.

3/4 Length Siderails

- The Elexa bed is provided with ergonomically designed 3/4 length siderails.



Operation Control Options

All preset control buttons are conveniently placed and easy to operate by both the caregiver and the patient with the following respective options:

I. Hand Held Control

- Its sleek design allows the patient/ caregiver to independently operate various functions of the bed.



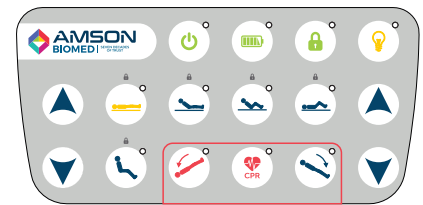
H1

II. Hand Held Control & Attendant Control Panel

- The hand held control and the attendant control panel are provided. The attendant control panel is used by the caregiver to obtain different clinical positions.



H2



ACP1

Battery Backup*

Battery backup provides stabilized functioning of bed if main supply fails or when bed is in transit.

*Battery backup is an optional accessory

SMPS

(Switch Mode Power Supply) SMPS protects the bed from any damage arising out of power supply fluctuations.

Hygiene and Maintenance



- Anti-microbial powder coating.
- The high grade plastic moulded components are easy to clean.
- The overall design of the bed allows ease of cleaning and decontamination.
- The perforated mattress platform provides better air circulation.

Caster Options

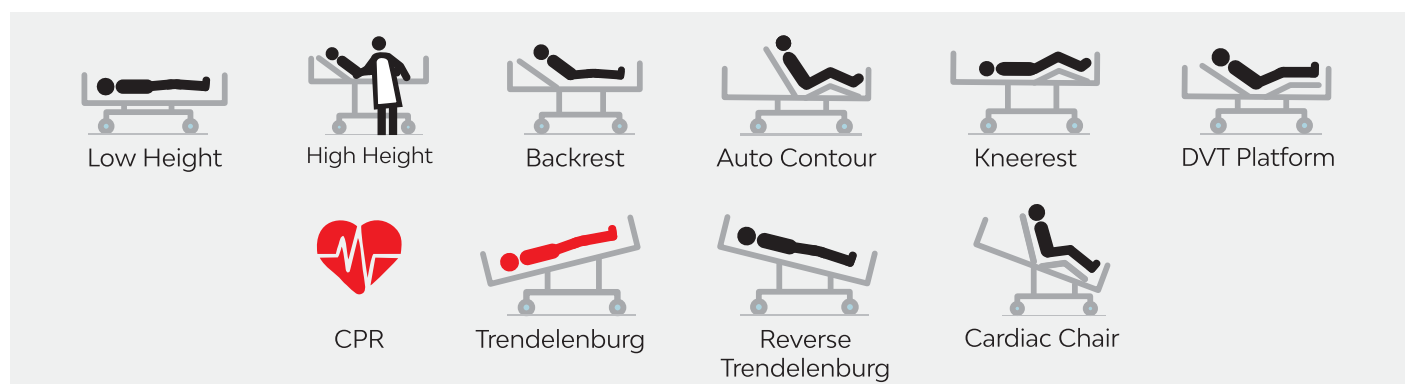


Brake on two diagonally opposite casters (C3)



Central locking casters (C2)

Clinical Positions



Features

- Cardiac chair, Auto Contour and CPR on press of a single button.
- Backrest, height adjustment, kneerest, Trendelenburg and reverse Trendelenburg are electronically operated.
- 30° stop and Smart Slide™ for backrest.
- Manual CPR on either side of the bed.
- SMPS power supply.

Specifications

Model	Elexa-M
External dimension (L X W) mm	2190 X 1020
Mattress platform dimension (L X W) mm	1965 X 860
Bed height adjustment (H) mm <small>(without mattress)</small>	399 to 755
Backrest angle	0° to 70°
Backrest stop	0° to 30°
Kneerest angle	0° to 42°
Trendelenburg angle	0° to 12°
Reverse Trendelenburg angle	0° to 12°
SWL - Safe working load	250 kgs
Patient weight bearing capacity	200 kgs

Engineering variation ±2°, ±10mm

Standard Accessories

Polymer moulded head and foot panels (PP1) - (easily removable)
3/4 Length siderails
Hand held control (H1)
125 mm Ø high grade synthetic body casters with brake on two diagonally opposite casters (C3)
Buffers on all four corners
IV pole provision
SS 304 heavy duty IV pole with two hooks
In-built urine bag holder

Electrical Parameters

Liquid ingress protection	IP54
Shock protection	Class I type B
Power in	Nominal 230V AC Max 2A 90V-300V

Safety Standards

IEC 60601-2-52



Optional Accessories

Four section 40 density foam mattress of 100 mm thickness covered with rexine (M1)
125 mm Ø high grade synthetic body central locking casters (C2)
Full length MS siderails
Battery backup
Hand held control and ACP (H2 & ACP1)
SS 304 telescopic IV Pole with two hooks
MS oxygen cylinder cage

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