

SurgicoIn's Endura Series intensive care bed is superlative in design and quality to manage patient in a demanding ICU environment.

The intensive Care Bed facilitates advanced patient care, maximum patient comfort and safety.

Smooth hydraulic operation and ease of use save time in everyday nursing routine with minimum attendant effort and exertion.

The bed offers a cost-effective solution to total patient care in ICU yet incorporating essential features needed in intensive care.

The buffers at all four corners ensure that the intensive care bed can be moved around easily and conveniently

Premium quality anti-bacterial mattress for ultimate patient comfort & performance.

The Patient care bed adheres to international safety standards.

Intensive Care Bed MOTORIZED



ENDURA Series SWE-114333

- Therapeutic Weight limit for mattress and patient load bearing capacity is 175 kg or more.
- Facility of Resettable over current breaker is fitted for protection.
- Electric Shock Protection of class 1 (type-B) as per IEC
- Ingress Protection (IP) from dust and water.
- Bed height adjustment range is 450mm or less and 700mm or more
- Clearance between Bed Base frame and Floor surface is minimum 150mm.

MATERIALS:

1. Material for the frame of bed	:	MS.
2. Material for side railing/ Side Safety guard	:	ABS plastic.
3. Material for Head & Foot Panel/Board	:	ABS plastic.
4. Material for Bed top Section	:	ABS Plastic.
5. Material of wheels	:	Polyester.
6. Material for IV rod with chromium plated	:	SS.
7. Material for ICU Bed Mattress	:	PU foam.

Positions in the ICU Bed

- i. Back rest.
- ii. Upper leg/Knee rest.
- iii. Height Up & Down.
- iv. Trendelenburg.
- v. Reverse Trendelenburg.
- vi. One key auto CPR.
- vii. One key Cardiac chair positions.

Accessories supplied with Bed

- MS Powder coated urine Bag Holder - 1no.
- Plastic moulded File/ Chart Holder - 1 no.
- Hand Sanitizer holder: 1No.
- MS powder coated Oxygen cage cylinder cage - 1no.
- Minimum Four section X-ray translucent mattress with cover and minimum 4" thick high quality foam.

SPECIFICATION OF MATTRESS

- Four section X-ray translucent mattress with cover and minimum 4" thick high quality foam, High resilient & bio-density.
- Mattress is made in cube cut design & independent cubes promote air flow to reduce moisture.
- The Mattress is made of PU foam of high density greater than 40 Kg/m3 with Water-proof, anti-microbial and flame resistant PVC rexine covering.

Technical Specifications/Features

- Type of ICU Bed Actuator Electro-Mechanical (Motorized).
- Type of mechanism for functioning or controlling angular motion of bed & Height with part Actuator Electro-Mechanical (Motorized).
- Bed top perforated, radio translucent top for all the sections (X-Ray translucent).
- The panel of ICU bed have the followings:
 - a) Swing up down type side panel.
 - b) Four Numbers of side panel have full coverage without any gap
 - c) B-type shape or D-type Head & Foot panel /Board.
 - d) Detachable type or Swing up down type Head & foot Panel.
- Number of hooks provided in IV rod minimum 2.
- X-Ray film holder used from one side.
- Power of motor (0.5 hp to 0.75hp) Make-LINAK or TIMOTION all component (Actuators, Control box & Control Panel)
- Four Caster with braking system get locked simultaneously even if any one wheel is locked
- Safe working load capacity of ICU bed is 200 kg or more.



Wired remote control operation for electrical adjustments



Attendant Control Panel (ACP) for electrical operations by nursing staff to ensure patient safety.



Heavy gauge perforated mattress base except back rest which is radiolucent high pressure laminate.



SURGICOIN

TECHNICAL FEATURES

Dimensions (with 2% tolerance) :

Length, Overall	2100-2200 mm
Width, Overall	1000-1050 mm
Bed height adjustability range :	450-700mm or more.

Height: (Electrical, step-less)

Minimum, without mattress	450 mm
Maximum, without mattress	700 mm or more

Maximum Adjustable Back Rest Angle in Degree :	0-70°
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Maximum Adjustable Knee Rest Angle in Degree:	0-25°
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Maximum Trendlenburg / Reverse Trendlenburg Angle in Degree with tolerance ± 2 degree:	12°
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Castors, swiveling with steering and central braking/Diagonally locking, Four	\varnothing 125 mm
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Patient Care Mattress, Anti-bacterial, High density Multi-layered Foam.	4 section, 4" 40 Density
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Power input	Single phase 230 Volt, 50 Hz (AC Supply) fitted with Indian plug of suitable rating.
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Battery backup with built in battery charger for 50 or more cycles

ENVIRONMENT CHARACTERISTICS

Ambient temp : Storage/Operating	0-50° C
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Rel. Humidity : Storage/Operating	15-90%
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QUALITY STANDARDS

Complies to Electric Hospital bed Standard	IEC-60601-2-52
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CE marked in accordance to the Medical Device Directive 93/42/EEC

Adheres to Electrical Safety Standard	IEC-60601-2-52
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Electric Current Protection,	Class-I
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Electric Shock Protection	Class-B
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Inbuilt over-current protection Circuit	Yes
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*The photograph is only for the display purpose, the actual product will be manufactured as per the tender specification and may differ.



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ISO 9001 : 2015
ISO 13485 : 2016 from IAF & NABCB Acc. body
ISO 14001 : 2004
ISO 45001 : 2016 WHO GMP

Bed for Intensive Care

Electro Mechanical MOTORIZED



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