

SPECIFICATIONS OF INTENSIVE CARE BED - (MOTORIZED)

Overall Size: 210 to 220 cm L x 90 to 100cm W x 45 to 81cm H.

1. Electrical System: The handset controls height backrest section, upper leg section and auto contouring.
2. The control panel for nurse shall be able to lock or operate: height, backrest, upper leg section, trendelenberg, reverse trendelenberg and zero position for CPR or otherwise as under:
3. Battery Backup: The electrical system shall have a battery backup with built in battery charger, The backup should be of min. 8 to 10hrs.
4. Quick Manual backrest release shall be provided for CPR.
5. Construction: Top frame and base frame shall be mainly made from 50 to 60mm x 30 to 35 mm x 16g ERW m.s. Rectangular tube.
6. Stainless steel wherever used shall conform to grade 304 (non magnetic). Support system linkages shall be of thick m.s. Flats/tubes.
7. Dust protective base cover shall be provided
8. Detachable four-section top shall be provided
9. Detachable four-section top made from ABS material or epoxy powder coated perforated M.S. 16 gauge
10. Safety side railings, split type shall be made from non-rusting molded material with laminated panels.
11. Retractable back rest & knee rest.
12. These shall be fitted to the mattress support section and should be able to raise and lock through spring lock mechanism on the railing through an operating lever.
13. Caster Wheels: The beds shall be provided with central locking Twin wheels and directional locking of wheels shall have thread guards; the castor body shall be made of non-rusting material. Corner Buffers: Four nos. rubber buffer of adequate diameter shall be fitted to the four corners.
14. Finish: All components should be thoroughly pre-treated chemically to remove rust and foreign matter like grease, oil, etc. by dip tank processes, including separate degreasing, pickling, phosphating each fold by water rinsing, passivating and hot air drying to give phosphate coating followed by epoxy polyester powder with paint film thickness over 50 microns and cured. This finish may exclude castor wheels any stainless steel parts, hardware, ebonite rubber and PVC parts used. CE certified & IEC certificate should be enclosed
15. Thickness of Sheet 18 G. Tuber Head of MS 16 G & 1.25 Inch Dia.
16. Should be electric shock proof.
17. Should be able to deal with voltage fluctuations of 90-300 volts (In-built stabilizer)

Executive Director (EPM)
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