

## **SPECIFICATION OF OT TABLE**

1. The Operation Table should necessarily have all movements electro-hydraulically operated.
2. High storage capacity batteries housed within the table base or column capable of approx.
3. Should have at least two days of operation per single charge.
4. Complete return to 'O' position must be possible by pressing one button on the corded hand control.
5. Base of table should be made of robust stainless steel, resistant to impact, fracture, and disinfectants, grey-dyed with scratch resistant coat.
6. Table should have column casing and base cover made of stainless steel.
7. Table should have supporting bars for the seat section and back section, leg plate sockets, joint covers, and side rails made of CrNi steel/SS304 or better.
8. Operating table top subdivided into six sections: head rest, upper back plate, lower back plate, seat plate, leg plates.
9. Table should have symmetrical accessory interfaces for NORMAL and REVERSE positioning. Patient orientation should be possible on both sides of the table top. The patient orientation should be able to be locked into memory.
10. Table top should be designed without crossbars to permit radiography during surgical interventions
11. The table should have a electrical longitudinal shift of equal to or more than 300mm, electrical longitudinal shift both cranial and caudal to create perfect access to the patient during induction.
12. The table should be provided with a cable connected hand control having following features:
  - i. Display of table set up information
  - ii. Memory function for six or more table top positions
  - iii. Charging status of column and hand control
  - iv. Service and error messages
  - v. Pre-programmed positions: flex, reflex and back-horizontal
  - vi. Backlight function
  - vii. Graphic/LCD touchscreen to precisely position the table for each procedure.
13. Safety in an emergency, even in the unlikely event of a table software blackout, the table can be controlled via the override panel that is hard-wired to a separate circuit, with no software in between.
14. The Table base should be locked base can be locked via foot pedal, so as to provide total stability of the operation table of patient load equal to or more than 350 kg, and unrestricted capacity of 250 kg.
15. The Operating Table shall have six-sectional radiolucent table top consisting of head rest, back section, add on back section, seat section, and reversible short back rest cum leg section and add on leg section.
16. OT Table should provide a Trendelenburg / tilt combination that allows gravity to assist the surgeon, naturally moving organs out of the way in procedures like laparoscopic colon surgery.

17. The arm board should have up/down and rotation function.
18. The table top should be completely free of disturbing cross bars, offering generous latitude for using C-Arm Image Intensifier from pelvis to head end region with the patient in either Orientation.
19. The Table top should be provided with at least 60mm special foam core mattress so as to prevent pressure points developing during long duration surgeries.
20. The table should have motorized gas-spring leg plates to fold around the column, remaining attached during procedures, to reduce reconfiguration time.
21. OT Table should have sensors for monitoring level of Trendelenburg and tilt position.
22. The quoted equipment should be having ISO, IEC certification.
23. OT Table should be safety class II type B; the enclosure leakage current meets the requirements of the patient leakage current for CF conditions as per EN 60601-1. The requirements to be met in accordance with IEC 60601-1-2 and IEC 60601-2-46.
24. As a back up, the table should also be capable of working on 220/240 V AC c/s single phase direct main power supply.
25. Warranty of 5 years and CMC for 5 years after expiry of warranty.
26. The following adjustments are important, shall be electro-hydraulically operated through Hand remote:-
  - a. Height Up/down
  - b. Lower Back section up/down
  - c. Trendelenburg/Rev. Trendelenburg
  - d. Lateral Tilt right/left
  - e. Combination tilt / Trend
  - f. Reflex and flex position
  - g. Reset to zero position
  - h. Leg section up & down
27. The following adjustments shall be manually operated :-
  - a. Brake locking/unlocking of the column base.
28. OT Table Dimensions and Positions:-
  - a. Table top length with head rest, Extension & leg plate :2020mm or more
  - b. Width of table top including side rails 580 mm or more.
  - c. Height: Up: 1050 mm or more without mattress
  - d. Height: Down: 625 mm or less without mattress
  - e. Trendelenburg: 25 to 30 degree
  - f. Rev. Trendelenburg: 30 to 35 degree
  - g. Combination Tilt: 18 to 25 degree
  - h. Head Section Up/Down Angle: 45 to 90 degree
  - i. Lateral Tilt: 18 to 25 degree
  - j. Leg section Up/Down: +70degree/-90degree
29. Accessories:
  - a. Head rest-01
  - b. Arm board with pad & clamp -02
  - c. Anesthesia screen with clamp-01
  - d. Body strap -01

- e. Fixture for side support -03
- f. Lateral support -01
- g. Lithotomy support -02

30. Additional accessories as per user requirements.