

Mobile Operating Table

1. Technical Specifications:-

- i) Should be Mobile modular operating table - electro-hydraulic drive, with Backlit corded hand control, with upper back plate, with leg plates, with head rest, with SFC padding of 80mm.

2. Should have following features:-

- i) Battery (1 week/60-70 operations on Single Charge) and mains operation.
- ii) Stable base construction with 4 double swivel castors for easy motion and maneuvering (locking of the override control panel made of CrNi steel, resistant to impact, breakage and disinfectants)
- iii) SFC padding (Special Foam Core 50-80mm) with multi-layer construction for exceptional comfort during patient positioning and utmost patient safety
- iv) Safe patient positioning due to optimum covering of table top joints.
- v) Should have short motorized back plate
- vi) Supporting bars for the seat and back section, leg plate sockets, joint covers and side rails made of CrNi steel/ Stainless steel 304 grade
- vii) Operating table top subdivided into 5-6 sections : head rest, upper back plate, lower back plate, seat plate and leg plates
- viii) In the event of failure of the electronics the table shall be capable of working through an override control key panel system mounted on the top of the column
- ix) Should be able to be used in Normal & Reverse Position
- x) Entire table top without crossbars, allowing intra- operative fluoroscopy
- xi) Longitudinal shift should be minimum 300-310 mm on the head side(desirable)
- xii) Operating elements: Backlit corded hand control, override panel, foot switch (optional).
- xiii) Radiolucent back plate without any barriers, integrated cassette channel
- xiv) Backlit hand control - light in darkness
- xv) FLEX/ REFLEX and 0 - level are integrated for quick positioning
- xvi) Preferably should be C-arm compatible

3. Should meet following Electrical Standards:-

- i) Special-design, maintenance - free batteries with a capacity for about a week's use in the operating room
- ii) Battery charge level: electronic monitoring with optical indicator
- iii) Recharging of the batteries & supply of operating table by means of a mains cord
- iv) Nominal mains voltage 220/230-240 V
- v) Class I/ Class II, Type B; IEC 60601-1
- vi) Mains frequency 50/60Hz

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2. Should meet following technical data : (approx)

- i) Length of table : 1950-2140 mm
- ii) Width of seat/lower back plate without side rails : 510-540 mm
- iii) Width of seat/lower back plate with side rails : 540-590 mm
- iv) Max. Patient Weight (with accessories) : 200-460 kg

5. Should have following Electro hydraulic adjustments:

Via backlit corded hand control or override control panel, with status indicators for battery charge level base brake feature, located at the column head.

6. Adjustment options via corded hand control or IR remote control: (approx)

- i) Height without padding - 520-1050 mm
- ii) Trendelenburg/reverse Trendelenburg - $+25^{\circ}$ to $+30^{\circ}$ / -25° to -30°
- iii) Lateral Tilt - Upto 20° both right & left side
- iv) Lower back plate - 70° - 80° up / 30° - 50° down
- v) Leg plates - 5° / 95°
- vi) Longitudinal Shift - 300-310 mm

7. Should be supplied with Basic Equipment:

- i) Arm board with SFC pads and clamp - 2 nos
- ii) Double Articulation Head Rest with SFC padding - 1 no.
- iii) Adaptors for head rest - 1 no.
- iv) Extension Segment - 1 no.
- v) Cable connected hand control - 1 no.
- vi) Body Strap for fastening on the side rails - 1 no.
- vii) Anaesthesia screen with Radial Setting clamp - 1 no.
- viii) Pair of leg plates - 1 no.
- ix) Leg Stirrup for lithotomy position with leg pads - 4 nos.

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