



APPLICATION

The Easymax Surgical table is a mobile electrohydraulically and mechanically operated surgical table designed to support all general surgical procedures including cardiac and vascular, endoscopic, gynecology, urology, nephrectomy, neurology, ophthalmologic, and orthopedics with the addition of STERIS table accessories.

DESCRIPTION

The Easymax Surgical Table is a mobile, electrohydraulically and mechanically operated surgical table specifically designed to provide complete patient positioning flexibility required for modern surgical care facilities. The Easymax Surgical Table features hydraulically powered lateral tilt, trendelenburg/reverse trendelenburg, and adjustable height functions, and mechanically back, kidney, head and legs sections. This table is designed to safely function with a 270kg (600lbs) patient and is constructed of aluminium alloy, stainless steel, and other high quality materials. The Easymax is equipped with 1/3 – 2/3 reversible kidney elevator providing a unique patient positioning possibilities for thoracic or urologic surgical procedures.

The Easymax is powered by either internal battery or facility electric through use of an internal power supply/battery charger.

The table accepts positioning commands from three sources :

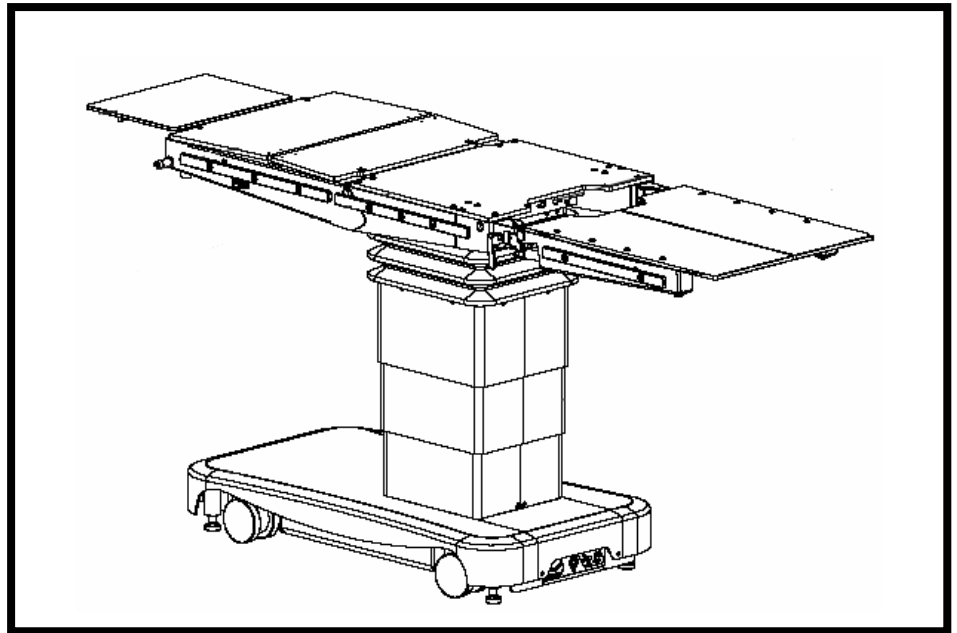
- 1- A hand control
- 2- An optional physician-controlled foot control (which includes Trendelenburg tilts, Lateral tilts and height functions).
- 3- An override control panel.

Note : the head section is manually adjustable.

Overall size* (W x L x H) :

560 x 2030 x 600 to 900mm (22 x 80 x 24" to 35")

* with Head02 headrest and LEG11B.



(Typical* only – some details may vary.)

Weight :

185kg (408lbs)

The standard table configuration includes :

- Power adjustable height, Trendelenburg, and lateral tilt functions.
- Mechanically operated back section.
- Mechanically operated kidney elevator.
- Manual removable head section.
- Manual removable leg section.
- Pendant hand control.
- Mobile base with hydraulically operated floor locks.
- 270kg (600lbs) patient weight capacity.
- Up to three weeks operation (100 – 150 procedures) on internal battery power.

STANDARDS

The Easymax Surgical tables are in compliance with the following standards :

- IEC 601-1 (EN60601-1) general safety regulations applicable to medical equipments.
- IEC 601-2-46 (EN60601-2-46) safety regulations applicable to surgical tables.
- IEC 601-1-2 (EN60601-1-2) relating to electromagnetic interferences.

VOLTAGE

- 100-120 Vac, Single phase, 50/60Hz
- 220-230 Vac, Single phase, 50/60Hz

POWER SOURCE

- Battery/Electric-powered table.

PAD CONFIGURATION

- Latex-Free Pads (standard)..
 - Memoline
 - Welded Seam

ACCESSORY PACKAGES

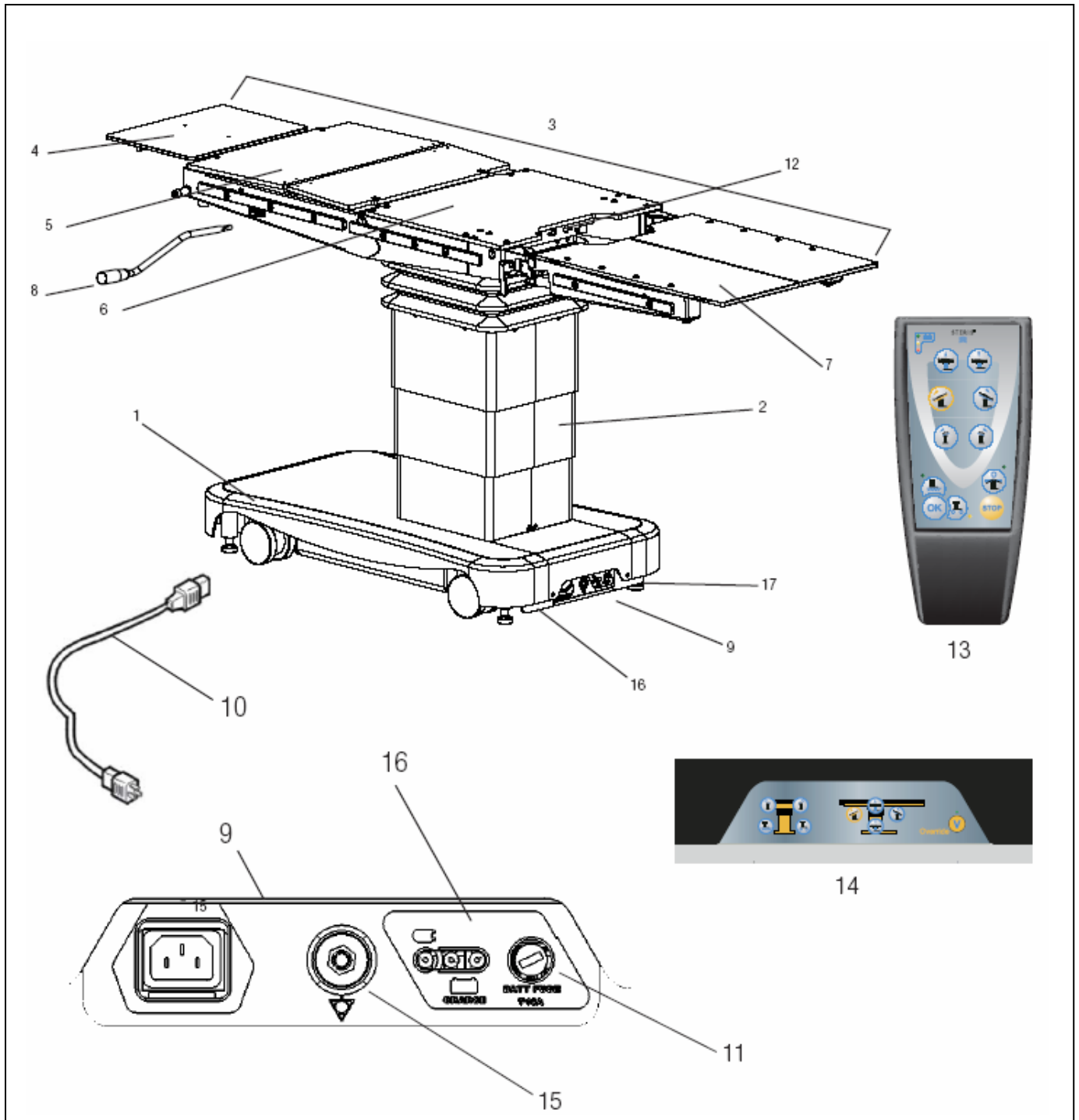
- Standard accessory package

OPTIONS

- Foot Control

Item _____

Location(s) _____



- 1. Mobile base
- 2. Column
- 3. Tabletop
- 4. Head section
- 5. Back section including kidney elevator
- 6. Seat section
- 7. Leg section

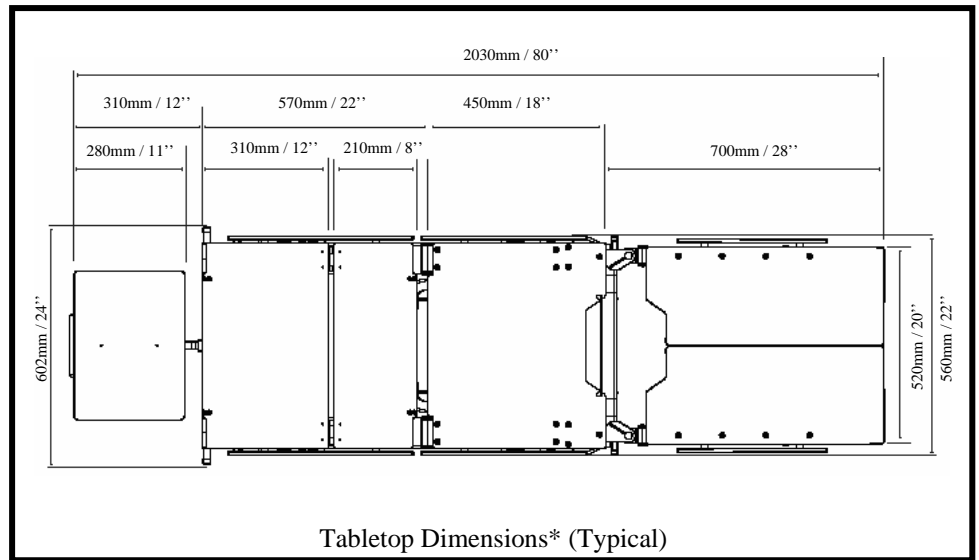
- 8. Kidney elevator crank
- 9. Power panel
- 10. Power cord
- 11. Battery fuses
- 12. Connection panel
- 13. Main hand control

- 14. Override control panel
- 15. Ground Equalisation Terminal
- 16. Electrical characteristics label
- 17. Identification label



Easymax table components (Typical)

- CE marked according directive EEC93/42
- Class I medical device
- Type B Equipment
- Suitable for intermittent operation, three minutes per hour
- IPX-4 (Fluid Ingress Protection)



FEATURES

Mechanical tabletop is constructed of five sections and is 2030mm (80") long (with HEAD02 headrest and LEG11B split leg section). Unobstructed Imaging Length of 1460mm (58") and 100% C-arm access without table movement is available.

For attaching accessories, the tabletop include a EU standard stainless steel side rail on both sides located where they will not obstruct the imaging area. Hook fastener strips on the tabletop sections permit instant application and removal of the 50mm (2") thick, latex-free mattress pads.

The radiolucent tabletop sections enable the viewing of the entire anatomy (see illustration at bottom of this page). The easily attachable cassette holder design enables cassettes to be supported for a full range of exposure angles.

Column supports tabletop and includes lift cylinders, bearings, hydraulic piping, hydraulic actuator for Trendelenburg, electrical wiring and master computer. These components are enclosed by three shrouds. The stainless-steel shrouds are of two piece construction for service accessibility. Hand Control and optional Foot Control connect at top of column.

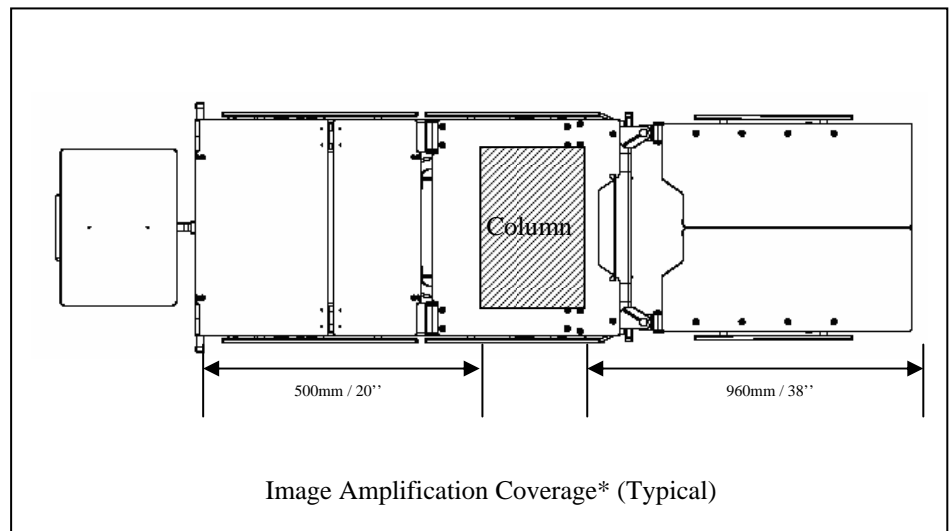
Base structure is made of anti corrosive coating welded metal sheet. The base cover is a two sections stainless-steel and Acrylonitrile Butadiene Styrene (ABS) enclosure. Four large diameter swivel casters inside the base cover facilitate table relocation and movement. Four hydraulically operated floor-locks are supplied. The power supply assembly and floor lock actuators are also within the base. Table power cord is plugged into a receptacle centered on the base head end cover. Auxiliary Control panel is located on the foot end cover (see illustration on page 4). Included are: Height Up/Down, Trend/ Rev Trend, Tilt Right/Left, and Lock/Unlock.

Electric controlled system provides powered tabletop positioning. Hydraulic actuators perform all powered table motion. The primary control system is a master computer located in the table column. The computer selects which outputs are to be actuated based on inputs from an auxiliary CPU in the pendant hand control and/or optional foot control. The hand control is a tethered pendant that hangs from the standard EU side rail.

It provides user inputs (from touch pad switches via an auxiliary CPU) to the master computer. It also includes battery and floor lock status LEDs. An auxiliary control panel located in the table base enables all table actuations.

Electric system, the input electrical power, is fed by a detachable three wire grounded power cord into an isolation transformer.

The power is reduced to 24V, and is rectified to dc. The operating system is powered by the 24Vdc. Fuses are used for protection of the system. The hand control (an auxiliary CPU) and an optional foot control consist of switches that open or close to signal the computer in the table column. The hand control includes feedback LED. If the main power fails, the battery system can be used to power the table. The Battery System is activated and depressing any button on the hand control. Activation of the battery system permits the table to be articulated as necessary for approximately two weeks (without facility ac power) or between 100 and 150 procedures. The batteries are continuously charging as long as the table is supplied with the appropriate ac voltage.



* with Head02 headrest and LEG11B leg section.



Pendant Hand Control is ergonomically designed, is constructed of Acrylonitrile Butadiene Styrene (ABS) is the primary interface for table operation. Hand Control is equipped with a coiled 0.9m to 3.7m (3” to 12”) extended, long cord. The Hand Control plugs into a receptacle located at the top of the column. Membrane touch switches provides, through an auxiliary CPU, input signals to activate table functions and articulations. LED indicators provide the following table information:

- Battery status
- Return to level
- Table locked
- Table unlocked

Auxiliary Control System can be actuated at any time and will allow table operation in the event of primary control, master computer, or power malfunction. The override control panel is located at the foot end of the table base (see illustration). Included functions on override control panel are: Height Up/Down, Trend/Rev Trend, Tilt Right/Left, and Lock/Unlock switches.

Unlock function do not require hydraulic pump actuation. A green LED on the override hand control indicates the system is active.

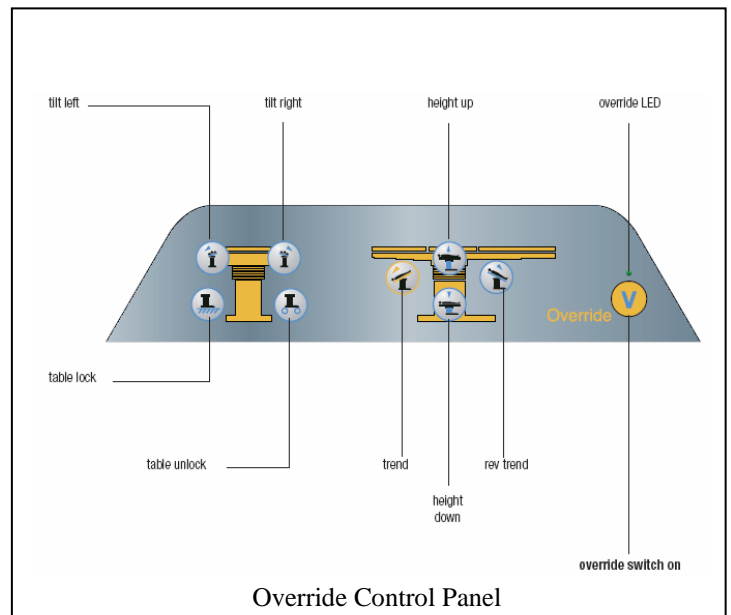
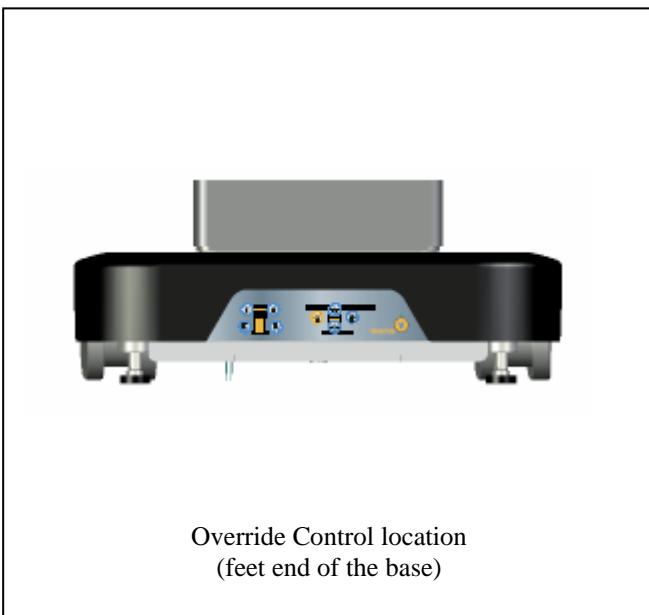
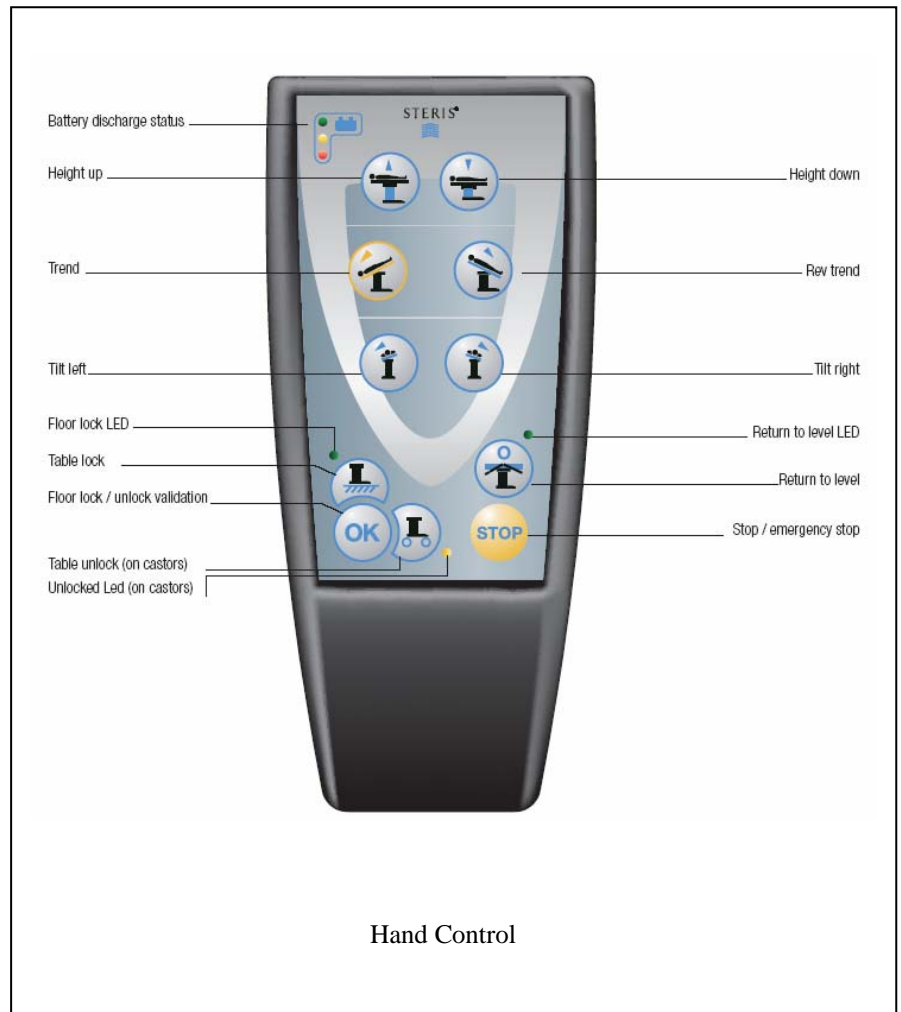




TABLE OPERATION

The Easymax powered articulations are positioned/articulated by pressing the desired position touch pad on the hand pendant or optional foot control.

The following pre-operative actions must be completed before the table can be used:

- **Power activation:** Use battery power or plug the table power cord into the head of the table base and facility power receptacle.
- **Turn the table on:** Press any button on the Hand Control to turn the table ON.

- **Lock the table:** Press the FLOOR LOCK button on the hand control, when the green floor locking LED indicator is blinking then confirm by pressing OK button.

TABLE MOTION

Refer on illustration below for the following ranges of table motion:

- Height range : 600 to 900mm (23.5” to 35.5”)
- Trendelenburg range : 30°±1°
- Reverse Trendelenburg range : 30°±1°
- Tilt range : 20°±1°
- Back range : +80°±1° / -40°±1°
- Kidney : 120mm (4.7”)

PREVENTIVE MAINTENANCE

Customers are encouraged to contact STERIS concerning our comprehensive preventive maintenance agreement. Under the terms of this agreement, preventive maintenance, adjustments, and replacement of worn parts are provided on scheduled basis to help to ensure optimal equipment performance and help avoid untimely or costly interruptions. STERIS maintains a global staff of well equipped, factory-trained technicians to provide these services, as well as expert repair services. Please contact STERIS for details.

NOTES

1. Approximate Operating Weight : 210kg (600lbs)
2. Patient weight capacity : 270kg (600lbs)
3. A patient grounding post/potential equalization terminal (male connector, DIN 42801) is provide with the table. The female connector for patient grounding is not furnished by STERIS.
4. **WARNING – EXPLOSION HAZARD :** *table must not be used in the presence of flammable anaesthetics.*

UTILITY REQUIREMENTS

Line Power Input:
100-120 Vac, 50/60Hz, 6.3 Amp
220-230 Vac, 50/60Hz, 4 Amp

Environmental Conditions:
Temperature : 10-40°C (50-104°F)
Relative Humidity : 10-85%RH

CUSTOMER IS RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE LOCAL AND NATIONAL CODES AND REGULATION.

