mediland

Mediland Enterprise Corporation

C600

Electro-hydraulic Surgical Table

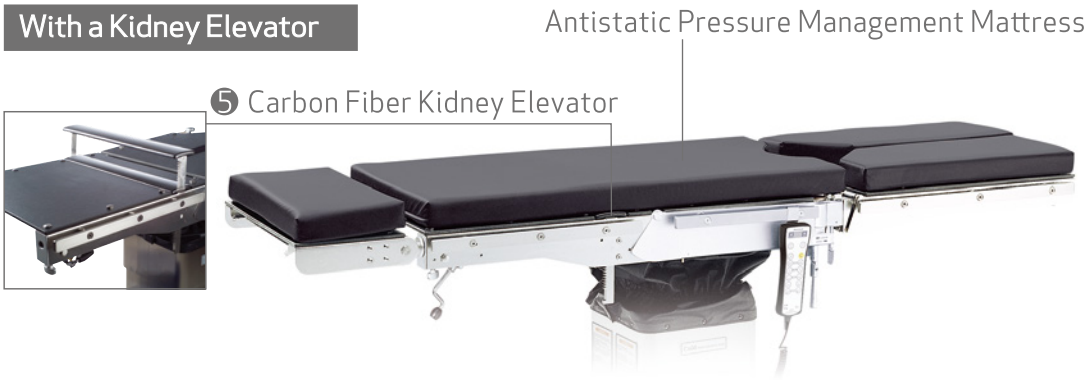
Configurations

Universal Surgical Table with Complete Features: Suitable for Cardiovascular Surgery, Thoracic Surgery, Neurosurgery, and Orthopedic Surgery.

Features \ Model	C600K	C600K/S	C600K/SD	C600K/SND	C600E/S	C600E/SND
Extra Shoulder Section(E)					v	v
Carbon Fiber Kidney Elevator(K)	v	v	v	v		
Electrical Sliding (S)		v	v	v	v	v
Low Profile Tabletop (N)				v		v
Auto-leveling (D)			v	v		v

With a Shoulder Section

With a Kidney Elevator



Optional Features

S: Electrical Sliding

Longitudinal sliding 30 cm towards the head section facilitates radiology applications and creates generous legroom for surgeons.

D: Auto-Leveling

Auto-leveling function helps surgical teams leveling the tabletop with an easy push of the control button.

N: Low Profile Tabletop

The low profile base allows the C600 to lower all the way down to 52cm a comfortable height for neurosurgery, ophthalmic surgery and plastic surgery.

Characteristics

❶ Extra Shoulder Section (C600E models)

The detachable shoulder section can be adjusted during surgery. It provides excellent flexibility for patient positioning.

❷ Cassette Tunnel

A built-in full-length 14" cassette tunnel facilitates X-ray photography. An optional cassette top (for C600K models : PA19.07, for C600E models : PA19.08) installed onto the tabletop is available for inserting the X-ray cassette from either side of the tabletop.

❸ Built-in Batteries

The C600 is equipped with rechargeable built-in batteries. An indicator on its hand control warns of low capacity battery level.

❹ Floor Lock for Stability

Special designed floor lock provides stability on either flat floor or uneven surface, and is simply operated by a push of button.

❺ Carbon Fiber Kidney Elevator (C600K models)

Its kidney elevator is made of carbon fiber and guarantees the radiolucent coverage through entire tabletop.

Applications

General Surgery
All C600 models have excellent stability for abdominal, breast and advanced laparoscopic surgery.

Minimally Invasive Surgery (MIS) and Endoscope Procedure
2-piece leg sections provide full support for patient's legs and excellent surgical access for surgeon.

Cardiovascular Surgery
Longitudinal sliding 30 cm towards the head section (S option) provides superior C-arm coverage for cardiovascular surgery. Optional PA63.01 Back Section Extender is available for tables without S option to increase the C-arm coverage.

Extracorporeal Membrane Oxygenation
Procedure (ECMO Procedure)
30° Trendelenburg movement forms an ideal angle for ECMO procedure.

ENT Surgery
Fowler's position gives optimum patient comfort during ENT surgery.

Conventional Cholecystectomy and Thoracic Surgery
Either a 5-section tabletop (C600E models) or an optional kidney elevator (C600K models) gives extra lift to the patient's chest.

Ophthalmic and Plastic Surgery
An optional low profile base (N option) offers a comfortable height, and an ophthalmic headrest provides wrist support for the surgeon.

Urology / Gynecology Surgery
Leg sections can be removed easily or split horizontally, and supportive accessories can be installes.

Nephrectomy Surgery

230° flex between back and pelvis sections is ideal for nephrectomy surgery.

The kidney elevator (C600K models) can be raised up to 12cm for the convenience of surgical positioning during nephrectomy surgery.

Neurosurgery (Prone Position)

The patient's head can be placed on a PA13.02 Horseshoe Headrest for approached to the posterior cranial fossa. An optional low profile tabletop (N option) provides extra low height if needed.

PA42.02 Adjustable Headrest Adapter allows the use of Mayfiled skull clamp.

Neurosurgery (Sitting Position)

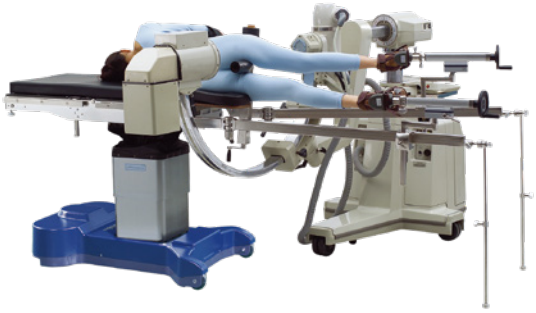
Patient's head can be stabilized on a PA30.02 Sitting Headrest in sitting position. Longitudinal sliding toward head section (S option) providing comfort for the surgeon during the operation.

- Sliding out first then bend down the leg sections, otherwise the leg sections would interfere with the center column.

Orthopedic Surgery

PA88.01 Orthopedic Extension is very light-weight and its left and right portions can be installed independently.

Or alternatively, PA 650.02 Orthopedic Extension for convenient maneuverability during more demanding orthopedic fracture surgeries.



Rectal Surgery

Kraske / jack-knife position allows easy access for surgeons.

Spinal Surgery

An optional shoulder section tabletop (C600E models) curves the patient's back for better incision access.
The PA27.01 Dorsal Operation Pad supports the patient's body and gives sufficient room beneath the abdominals for respiration.

Back (Spinal) Surgery

A patient is positioned in prone jack-knife position for back (spinal) surgery.

Shoulder Surgery

A light-weight PA54.01 Shoulder Attachment is interchangeable with the shoulder section of C600E models. Its movement is connected to that of the back section which is driven by electro-hydraulic power.

Another light-weight PA54.02 Shoulder Attachment replacing leg sections is also available for shoulder surgery.

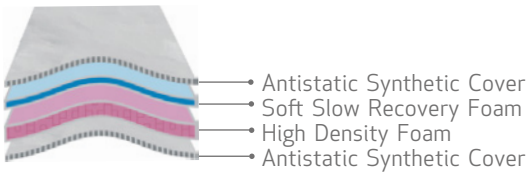
Key Features

General Construction

- Base cover is made of chemical-resistant, impact-resistant ABS plastic which is not easily dented by falling objects.
- Mattresses and casters are all electrically conductive, providing safe surgical environment.
- Built-in Full-length 14" radiolucent cassette tunnel extends from the head section to the pelvis section.
- The central column casing shrouds, joint plates, side rails and screws are made of stainless steel which is easy to clean and resist chemicals and disinfectants commonly used in the O.R.
- Electro-hydraulic system provides adjustment of height, Trendelenburg / Reverse Trendelenburg, lateral tilt, back section, flex, reflex angles, floor lock, auto-leveling (for D option) and sliding (for S option).
- Manual articulation mechanisms for adjustment of head section, leg sections, extra shoulder section (C600E models) and kidney elevator (C600K models).
- Head section, leg sections and extra shoulder section (C600E models) can be adjusted, attached or removed manually.
- Gas springs enable adjustments and provide support to leg sections and extra shoulder section (C600E models).

Tabletop Mattresses

The mattresses are all 6 cm thick and are made of antistatic materials. The foam inside of the mattresses manages pressure underneath the patient to alleviate the risk of bedsores. Latex- free materials are used to avoid allergies associated with some patients.



Power Supply

The C600 Table can be electrically powered either by AC mains or built-in rechargeable batteries. The power supply will automatically changeover from AC to DC when AC power is unavailable.

- Input Voltage: 100/240VAC, 50/60 Hz
- Input Power: 400W

Table Adjustment Control

The electro-hydraulic table positioning can be controlled by a hand control or an auxiliary control unit. The system is designed to cut off power to the hand control software after 70 seconds of inactivity to prevent accidental table movements. An optional PA28.02 Foot Control allows for the adjustment of height, lateral tilt and Trendelenburg / Reverse Trendelenburg. To use the auxiliary control unit, press the enabling key and initiate a table movement by pressing the desired buttons.

Technical Specifications

Technical Specifications	
Table Length	2072 mm
Table Width (without side rails)	520 mm
Table Height (without mattress)	680 ~ 1120 mm 520 ~ 1020 mm – for / N option
Trendelenburg / Reverse Trendelenburg	30° / 30° 26° / 26° – for / N option
Lateral Tilt (L / R)	20° / 20°
Head (Up / Down)	60° / 90°
Shoulder (Up / Down)	40° / 50° – for C600E models
Back (Up / Down)	80° / 50°
Leg (Up / Down)	20° / 90°
Leg (Open, 2 Pieces)	0° ~ 180°
Kidney Elevator (Up)	0 ~ 120mm – for C600K models
Longitudinal Sliding (toward head-end)	300mm – for / S option
Flex / Reflex	230° / 100°
Weight Capacity	454kg / 1000lbs

NOTE: All specifications and descriptions are subject to change without notice.

Optional Accessories

PA01.01	Radial Setting Clamp Side Rail (EU)	PA33.02	Headrest for Plastic Operation
PA01.02	Radial Setting Clamp Side Rail (US)	PA34.03	Spinal Support Frame
PA02.01	Flat Bar Clamp Side Rail (EU)	PA35.05	Pressure Management Mattress (6cm) K model
PA02.02	Flat Bar Clamp Side Rail (US)	PA35.06	Pressure Management Mattress (6cm) E model
PA03.01	Anesthesia Screen	PA36.01	Transfer Board
PA03.02	Telescopic Anesthesia Screen	PA39.01	Radial Setting Clamp Side Rail
PA04.01	Shoulder Brace (Left)	PA42.02	Adjustable headrest adapter
PA05.01	Shoulder Brace (Right)	PA46.01	Lithotomy Legholder
PA06.02	Armboard, 6 cm (US)	PA48.01	Armboard, Carbon Fiber (US)
PA06.03	Armboard, 6 cm (EU)	PA48.02	Armboard , Carbon Fiber (EU)
PA07.01	Lateral Brace	PA49.01	Armboard, Laminated (US)
PA08.02	Leg Holder	PA49.02	Armboard, Laminated (EU)
PA09.01	Foot Rest (Left)	PA54.01	Shoulder Attachment (C600E)
PA10.01	Foot Rest (Right)	PA54.02	Shoulder Attachment
PA11.01	Restraint Strap	PA63.01	Back Section Extender (US)
PA11.02	Body Strap with Buckle	PA63.03	Back Section Extender (EU)
PA12.01	Infusion Stand with Two Hooks	PA69.01	Adjustable Supporting with Pad
PA12.02	Infusion Stand with Four Hooks	PA69.02	Adjustable Instrument Tray
PA13.04	Horseshoe Headrest	PA70.01	Cassette Carrier
PA13.05	Horseshoe Headrest for C600E	PA84.01	Table Width Extender, 25cm (US)
PA14.01	Upper Arm Support	PA84.02	Table Width Extender,25cm (EU)
PA15.01	Proctology Attachment	PA85.01	Table Width Extender,45cm (US)
PA16.02	Drain Pan	PA85.02	Table Width Extender,45cm (EU)
PA17.01	Accessory Trolley (US)	PA95.01	Lateral Support
PA17.02	Accessory Trolley (EU)	PA113.01	Wristlet
PA17.03	Advanced Accessory Trolley (US)	PA114.01	Anesthesia Screen with Suspended Arm Strap
PA17.04	Advanced Accessory Trolley (EU)	PA115.01	Neck Supporting Pad
PA19.07	Cassette Top for C Series (K model)	PA115.02	Supporting Pad
PA19.08	Cassette Top for C Series (E model)	PA116.01	Semi Circular Shaped Pad
PA27.01	Dorsal Operation Pad	PA122.01	Perineal Filler Plate
PA28.02	Foot Control	PA123.01	Instrument Tray
PA29.01	Microscopic Operation Frame for Hand Operation (US)	PA88.01	Orthopedic Extension(6cm)
PA29.02	Microscopic Operation Frame for Hand Operation (EU)	PA650.02	Orthopedic Extension(6cm)
PA29.03	Microscopic Operation Frame for Hand Operation(Rectangular Type US)	PA901.06	Orthopedic Extension, Carbon Fiber (6cm)US
PA29.04	Microscopic Operation Frame for Hand Operation (Rectangular Type EU)		
PA30.02	Sitting Headrest		
PA31.04	Pelvic Section Extender (US)		
PA31.09	Pelvic Section Extender (EU)		

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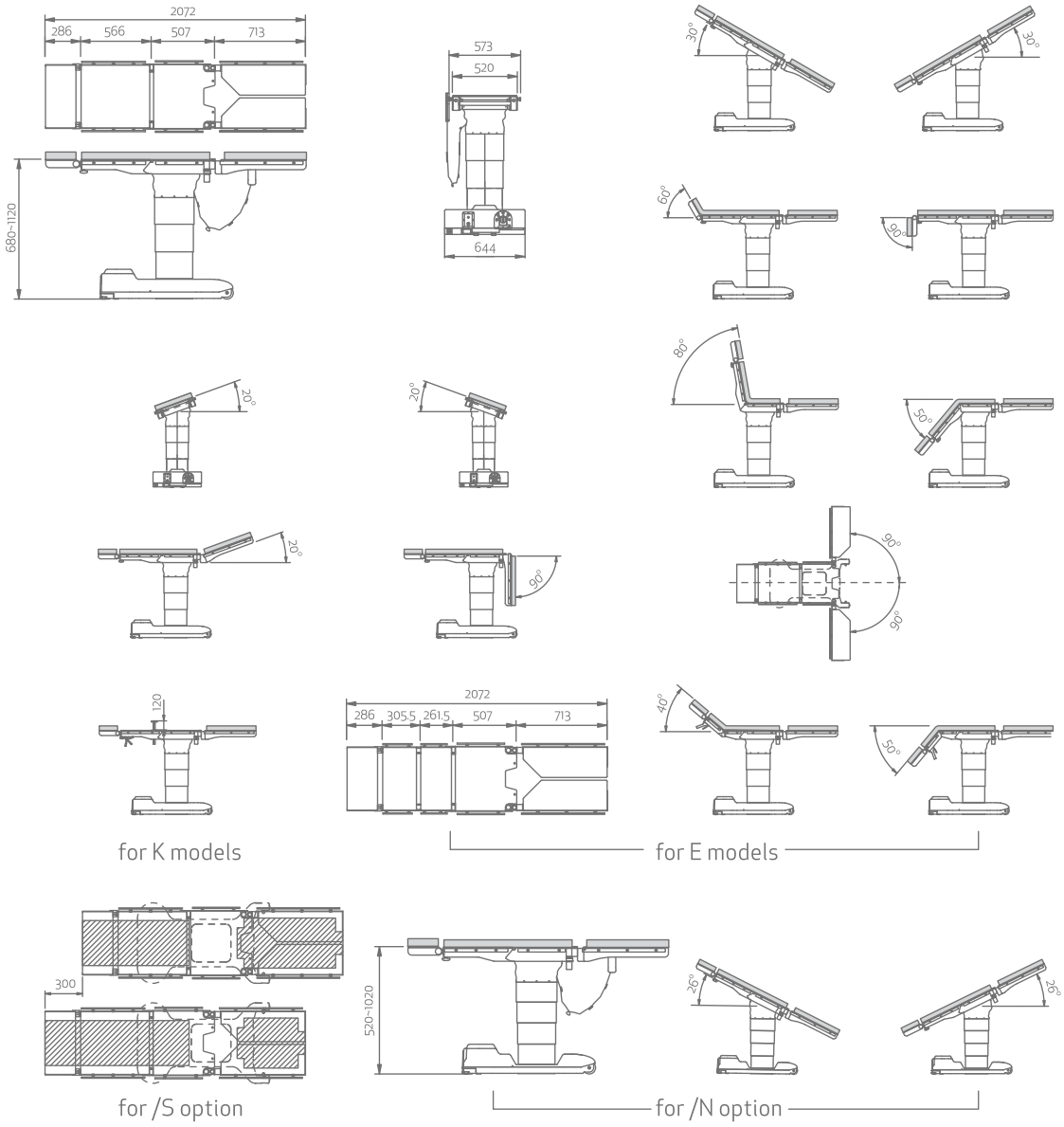

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Unit:mm

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