Universal Surgical Table with complete features for
Cardio Thoracic Surgeries, Neurosurgeries, and Orthopedic Procedures.

The C600 Electro-hydraulic Surgical Table Series
With over 20 years of R&D expertise, Mediland is at the forefront of technology in operating room (O.R.) equipment. As one of the premier O.R. equipment manufacturers in the world, Mediland proudly introduces its latest innovation, the C600 surgical table.
Mediland brings smart design and a rich combination of features to the C600 surgical table. With a variety of accessories and tabletop configurations, the C600 is suitable for all modern surgeries.

DIVERSITY: To cater to different markets and preferences in usage, the C600 has 3 different tabletop models, each configurable with up to 3 optional features.
DURABILITY: The C600’s stainless steel frame is easy to clean, and along with aluminum alloy construction, guarantees durability.
FULL RANGE OF ACCESSORIES: A full range of accessories are available for different surgical procedures. Accessories such as two types of shoulder adapter (PA-54 and PA-64), and orthopedic extension (PA-58) offer numerous adjustment possibilities for facilitating orthopedic surgery.
FULL HYDRAULIC-DRIVEN MOVEMENT: The maximum weight capacity is 227 Kg / 500 lbs.
MODULAR DESIGN: Different models in the C600 series share most service parts and components. Ease of maintenance is ensured.
The C600 has 3 different tabletop models, each configurable with up to 3 optional features. These configurations provide various models for different markets and surgical preferences.

**OPTIONAL FEATURES**

- **/S: Sliding**
  - 30 cm longitudinal displacement of tabletop facilitates radiology applications and creates ample legroom for surgeons.

- **/D: Auto-Leveling**
  - Auto-leveling function helps surgical team level the tabletop with an easy push of the control button.

- **/N: Low Profile Base**
  - The low-profile base allows the C600 to lower its tabletop to 52 cm – a comfortable height for neurosurgical, ophthalmic, and plastic surgeries.

**CARACTERISTICS**

- **EXTRA SHOULDER SECTION**
  - Detachable shoulder section is adjustable during surgery. It provides excellent flexibility for patient positioning.

- **CASSETTE TUNNEL**
  - A built-in full-length 14” cassette tunnel facilitates X-ray photography. An optional cassette top installed onto the tabletop is available for inserting the X-ray cassette from either side of the tabletop.

- **FULL TABLE FUNCTIONS AND COMPLETE CONTROLS**
  - The C600 can be controlled by a standard corded hand controller, an optional infrared remote controller, and an optional foot controller. Auxiliary controls on the base provide backup manual controls in case of electronic failure.

- **BUILT-IN BATTERY**
  - The C600 is equipped with a rechargeable battery. An indicator on the hand controller warns of low battery level.

- **STABILITY**
  - Unique floor lock provides stability on flat or slightly uneven surfaces, and is simply operated by a button.

- **RADIOLUCENT COVERAGE**
  - The entire tabletop is radiolucent. The carbon-fiber kidney elevator (C600K series) is also radiolucent.

**C600 Series**

**Electric Surgical Table**

- **Antistatic, Antibacterial Mattress**
  - Stainless Steel Frame and Side Rails
  - Gas springs for adjusting leg sections

- **Built-in battery**
  - **Auxiliary Control and Function Selector**
  - **Stability**
**General Surgery**

All C600 models have excellent stability for abdominal, chest, and advanced laparoscopic surgeries.

**Cardiovascular Surgery**

30cm head-end sliding function (/S option) minimizes need for C-arm maneuvering during cardiovascular surgeries.

Optional Back Section Extender (PA-63) is available for tables without /S option to increase the C-arm coverage.

**Struma, and Head and Neck Procedure**

The ergonomics of the C600 maximizes respiratory efficiency in Fowler’s position for head and neck procedures.

Minimum recommended configuration: PA-61 Horseshoe Headrest.

**Ophthalmic and Plastic Surgery**

An optional low profile base (/N option) offers a comfortable height, and an optional headrest for plastic operation (PA33) integrates wrist support for the surgeon.

Minimum recommended configuration: C600/N with PA-33 Headrest for Plastic Operation.

**Minimally Invasive Surgery (MIS) and Endoscope Procedure**

2-piece leg sections provide full support for patient’s legs and excellent surgical access.

**Extracorporeal Membrane Oxygenation (ECMO) Procedure**

30° Trendelenburg angle is ideal for ECMO procedures.
Conventional Cholecystectomy and Thoracic Surgery
Either a kidney elevator (C600K models) or a shoulder section (C600E models) gives extra lift to the patient’s chest.

Nephrectomy Procedure
The maximum 230° flex angle is ideal for nephrectomy procedures.
Minimum recommended configuration: PA-14 Upper Arm Support, PA-06 or PA-26 Arm Board, and PA-39 Clark Socket x 1.

MIS / Urology / Gynecology Procedures
Leg sections can easily be removed or split horizontally, and supportive accessories installed.
Minimum recommended accessories: PA-08 Leg Holder x 2, PA-59 Stainless Steel Drain Pan x 1, and PA-39 Clark Socket x 2.

Neurosurgery
A headrest adapter (PA-62) enables the use of Mayfield skull clamp. An optional low-profile tabletop (IN option) provides extra low height if needed.

Sitting Position
A patient in sitting position for posterior head or cerebellopontine surgeries. An optional sliding function (IS option) offers ample legroom for surgeons.
Minimum recommended accessories: PA-30 Sitting Horseshoe Headrest and PA-39 Clark Socket x 2.

*Sliding out first then bend down the leg sections otherwise they would interfere with the surgery column.
Orthopedic procedure
The C600’s orthopedic extension (PA-56) is very light-weight and its left and right portions can be installed independently.

Universal joints on the traction shafts of PA-56s offer numerous adjustment possibilities.

Spinal Procedure
An optional shoulder section tabletop (C600E models) curves the patient’s back for better incision access.
A dorsal operation pad (PA-27) offers ideal support and gives sufficient room beneath the torso for patient respiration.

Spinal Procedure, continued
Alternatively, a patient is positioned in prone jackknife position for certain spinal procedures.
Minimum recommended accessories: PA-0S or PA-26 Arm Boards x 2, PA-08 and PA-10 Foot Rests, PA-15 Proctology Attachment, and PA-39 Clark Socket x 4.

Shoulder Procedures
A light-weight shoulder attachment (PA-54) 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 shoulder attachment (PA-64), which replaces leg sections, is also available for shoulder procedures.

Rectal Procedure
A patient is positioned in Kraske/jackknife position for rectal procedures.
Minimum recommended accessories: PA-0S or PA-26 Arm Boards x 2, PA-08 and PA-10 Foot Rests, PA-15 Proctology Attachment, and PA-39 Clark Socket x 4.

Spinal Procedure
A dorsal operation pad (PA-27) offers ideal support and gives sufficient room beneath the torso for patient respiration.

Electric Surgical Table C600 Series
BASIC CONTROL COMPONENT:
- Electro-hydraulic table movements: height, Trendelenburg / reverse Trendelenburg, lateral tilt, back section angle, floor lock, top profile sliding, flex/reflex, auto-leveling (if option), and sliding (if option).

OPTIONAL CONTROL COMPONENTS:
- PA53 Foot control device
  - The optional foot control device can be connected to the C600 for adjustments of height, lateral tilt, and Trend/rev. Trend. It conforms to IPX8 waterproof level.

Basic accessories for C600:
- PA-56 Pressure Relief Mattress, for 4-section tabletop: used on the standard models and models with option “K”
- PA-57 Pressure Relief Mattress, for 5-section tabletop: used on the models with option “E”

Suggested general accessories:
- PA-26 Arm Board x2
- PA-11 Restraint Strap x1
- PA-03 Anesthesia Screen x1
- PA-39 Clark Socket x1

For gynecology and urology:
- PA-08 Leg Holder x2
- PA-39 Clark Socket x2
- PA-59 Stainless Steel Drain Pan
- PA-60 Pelvic Section Extender - for attachment to the pelvic section during C-arm applications.

For neurosurgery:
- PA-61 Horseshoe Headrest
- PA-30 Sitting Horseshoe Headrest
- PA-62 Headrest Adapter
- PA-29 Microscopic operation frame for hand
- PA-14 Multitask Arm Board
- PA-63 Back Section Extender: for attachment to a table without optional sliding function; attaches to the back section for C-arm applications.

C600 Configurations

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Note:
- To choose a C600 table: Choose a model first then add up to 3 optional features (e.g. C600/SN, C600K/D, C600E/SND etc.)
- A code “IR” following the model number indicates that an optional IR control receiver is installed into the table.
Power Supply (AC Mains / Battery):
The C600 is powered either by AC mains or the built-in rechargeable battery. A fully charged battery lasts for about one week (approximately 50~70 operation cycles).
- Input voltage: AC100/200V or AC200/240V, 50/60HZ
- Input power: 400W

Standards:
The C600 surgical tables meet CE requirements and comply with international safety standards for electro-medical equipment as listed below:
- IEC 60601-2-46 © IEC:1998(E)
- IEC 601-1-2, 2001, Electromagnetic Compatibility
- IEC TR 60878: 2003
- Medical Device Directive, 93/42/EEC
- ISO 14971, 2000, First edition
- UDC YY91106-1999
- UDC GB9706.1-88

Technical Specifications:
- Table Length (with Headrest) 207cm
- Table Width (excluding side rails) 52cm
- Table Height without mattress 68~112cm
- 52~102cm - for C600/N series
- Trendelenburg / R. Trendelenburg 30° / 30°
- 26° / 26° - for C600/N series
- Lateral Tilt (L / R) 20° / 20°
- Shoulder (Up / Down) 40° / 50° - for C600E series
- Back (Up / Down) 80° / 50°
- Leg (Up / Down) 20° / 90°
- Leg (Open, 2 Pieces) 0° ~ 180°
- Head (Up / Down) 60° / 90°
- Kidney Elevator (Up) 0 ~ 12cm – for C600K models
- Longitudinal Sliding (toward head direction) 0~30cm – for C600/S series

General Construction:
- C600:
  - The cover of the table base made of impact-resistant plastic. An extra charge for a stainless steel base cover is available upon request. The casters and base foots under the base cover are electric conductive.
  - Electro-hydraulic system for adjustments of height, Trendelenburg / reverse Trendelenburg angles, lateral tilt, head, floor lock, and longitudinal sliding (for S option)
  - Electric power provided by either AC mains or rechargeable battery
  - Full-length 14" radiolucent cassette tunnel extends from the head section to the pelvis section
  - Tabletop frame and column casing are made of SUS 304 stainless steel
  - Gas springs provide adjustments and support to leg sections and side shroud sections (C600K models)
  - Base cover is made of impact-resistant plastic, stainless steel base cover is available upon request
  - Caster and base contact pads are electrically conductive

Tabletop mattress:
The C600 pressure management mattress is designed to prevent bedsores. It is also antistatic, antibacterial, fluid-proof, and flame-retardant according to California TB117 and TB129 fire codes.

Control of the table:
All the electro-hydraulic driven table positions are adjustable via a standard hand control, an optional IR remote control or auxiliary switches should the electronics every fail. An optional foot control can be connected to the C600 for adjustments of height, lateral tilt, and Trend/rev. Trend and conforms to IPX8 waterproof level. To use auxiliary controls, first select the desired table movement by turning the selection dial at the base of the table. Then, activate table motion by triggering the auxiliary switch.

New! For specifications and descriptions are subject to change without notice.