Our objective is to create a better operating room (O.R.) environment by providing high quality products. To achieve this, Mediland has an impressive 25-year research and development (R&D) experience in O.R. field. Our R&D activities have been organized and focused on the development of operating tables, operating lights and other O.R. equipment. We continually strive to offer convenience to medical personnel and safety to the patient during surgical operations.

The launch of Emax300 series electro-hydraulic operating table is for the use in a full range of surgeries. The main feature of the Emax300 relates to optimizing the use of stainless steel – the material which is easily cleaned and resists all kinds of chemicals and disinfectants used in the O.R. A stylish slider base cover, a compact and ergonomic structure looks as good as it feels and is unbeatable for comfort. Four modular models of the Emax300 deliver value for choice to meet various surgical requirements.
SAFE • STABLE • RELIABLE

It's the Emax300
**Emax300 Models for Configuration**

<table>
<thead>
<tr>
<th>Features</th>
<th>Classic</th>
<th>Plus</th>
<th>Advantage</th>
<th>Elegance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Built-in Batteries</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
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<tr>
<td>Carbon Fiber Kidney Elevator</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
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<tr>
<td>Auto-leveling</td>
<td>✔️</td>
<td></td>
<td>✔️</td>
<td>✔️</td>
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<tr>
<td>Electrical Sliding</td>
<td></td>
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<td>✔️</td>
<td>✔️</td>
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</tbody>
</table>

- Head section can be up-down adjusted manually.
- Cassette tunnel beneath the tabletop facilitates X-ray photographing.
- All electro-hydraulic table movements can be operated by the hand controller.
- The auxiliary controller provides a back-up control of the table.
- 4 electrically conductive casters beneath the base allow easy relocation of the table.
Carbon fiber kidney elevator (Plus/Advantage/Elegance models) ensures the full radiolucent coverage of the tabletop. The material reduces radiation exposure during kidney operation.

Antistatic pressure management mattresses are standard accessories of the table.

Detachable leg sections are supported by gas springs.

All exposed metal parts, column and base cover are made of stainless steel for easy cleaning.

The Emax300 series table can be safely locked on a flat or slightly uneven surface.
General Surgery
The Emax300 has excellent stability for general surgeries such as conventional cholecystectomy and thoracic surgeries.

Struma and Neck Surgery
Head section can be adjusted manually for facilitating struma and neck surgery.

Ophthalmic and Plastic Surgery
A Headrest for Plastic Operation (PA40) coupled to the back section provides wrist support for the surgeon.

Cardiovascular Surgery
Longitudinal sliding toward the head (Advantage / Elegance models) minimizes the need for C-arm maneuvering during cardiovascular surgery.

Optional Back Section Extender (PA63) is also available to increase the C-arm coverage.
ENT Surgery
Fowler’s position gives optimum patient comfort during ENT surgery.

Neurosurgery (Supine Position)
The patient’s head can be placed on a Horseshoe Headrest (PA61) for approaches to the posterior cranial fossa. Longitudinal sliding toward the head allows plenty of legroom for the surgeon.

Neurosurgery (Prone Position)

Neurosurgery (Sitting Position)
Patient’s head can be stabilized on a Sitting Headrest (PA81) in sitting position. Longitudinal sliding toward head helps enhance surgeon comfort.

An Adjustable Headrest Adapter (PA62) allows the use of Mayfield skull clamp.
**Emax300**

**Nephrectomy Surgery**

The integrated kidney elevator (Plus / Advantage / Elegance models) can be raised up to 12cm by the means of a manual crank for the convenience of surgical positioning during nephrectomy surgery.

**Urology / Gynecology Surgery**

Leg sections can be removed easily or split horizontally. For some cases where imaging is required, longitudinal sliding toward the foot (Advantage / Elegance models) provides optimal C-arm coverage.

**Rectal Surgery**

Kraske / jack-knife position allows easy access to the surgical site.
Spinal Surgery
The Dorsal Operation Pad (PA27) supports the patient's body and gives sufficient room beneath the abdominals for respiration.

Shoulder Surgery
A light-weight Shoulder Attachment (PA64) is available for shoulder surgery in reverse patient orientation.

Orthopedic Surgery
Hip Pinning
The PA700 Orthopedic Extension device can be easily installed to the Emax300 base. The floor stands of the device provide the utmost stability and unrestricted imaging access.

Orthopedic Surgery
Lateral I.M. Nailing
Shown with the use of optional Lateral Accessories (A625).

Orthopedic Surgery
Tibia / Fibula Nailing
General Construction:
- Most exposed metal parts, the frame, column and base cover are made of stainless steel.
- Tabletop is made of radio-transparent material, bokelite.
- Kidney elevator (Plus / Advantage / Elegance models) is made of high strength material, carbon fiber, for X-ray imaging.
- Built-in 14" cassette tunnel beneath the tabletop.
- Casters and mattresses are electrically conductive.
- Electro-hydraulic systems for adjustments of height, Trendelenburg / reverse Trendelenburg, lateral tilt, back section, longitudinal sliding (Advantage / Elegance models) and auto-leveling (Plus / Elegance models).
- Longitudinal sliding (Advantage / Elegance models) toward the head and foot ends can be achieved by the use of the hand controller or auxiliary controller.
- Head and leg sections can be adjusted, attached or removed manually. Gas springs enable adjustments and provide support to the leg sections.
- Manual articulation mechanisms for adjustments of the head section, leg section and floor lock, and for the kidney elevator (Plus / Advantage / Elegance models).

Table Mattresses:
6cm thick table mattresses are made of antibacterial, antistatic and fluid-proof materials. Its pressure management foams help to avoid bedsores on the patient. Latex-free materials avoid associated allergies in patients.

Power Supply:
The Emax300 can be electrically powered by AC mains or rechargeable batteries. A fully charged battery set (12V / 14Ah * 2 pieces) lasts for approximately 10 operation cycles.
- Input Voltage: AC 220V±10% or 110V±10%, 50/60 Hz
- Input power: 400W

Control of the table:
All the electro-hydraulic table positions can be operated by a standard hand controller or an auxiliary controller. 70 seconds power cut-off design of the hand controller software to prevent accidental activation of the table movements. An optional Foot Control (PA53) allows the adjustment of height, lateral tilt and Trendelenburg / reverse Trendelenburg.

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Emax300

Accessories

PA 01 Radial Setting Clamp for EUR Side Rail
PA 02 Flat Bar Clamp for EUR Side Rail
PA 03 Anesthesia Screen
PA 04 Shoulder Brace (Left)
PA 05 Shoulder Brace (Right)
PA 07 Lateral Brace
PA 08 Legholder
PA 09 Foot Rest (Left)
PA 10 Foot Rest (Right)
PA 11 Restraint Strap
PA 12 Infusion Stand with Two Hooks
PA 14 Upper Arm Support
PA 15 Prostology Attachment
PA 17 Accessories Trolley
PA 24 Radial Setting Clamp for US Side Rail
PA 25 Flat Bar Clamp for US Side Rail
PA 26 Armboard for US Side Rail
PA 27 Dorsal Operation Pad
PA 29 Microscopic Operation Frame for Hand Operation for US Side Rail
PA 34 Spinal Support Frame
PA 36 Transfer Board
PA 38 Radial Setting Clamp for US and EUR Side Rail
PA 40 Headrest for Plastic Operation
PA 46 Lithotomy Legholder

PA 48 Carbon Fiber Armboard for US Side Rail
PA 49 Laminate Armboard for US Side Rail
PA 53 Foot Control
PA 59 Drain Pan
PA 61 Horseshoe Headrest
PA 62 Adjustable Headrest Adapter
PA 63 Back Section Extender
PA 64 Shoulder Attachment
PA 66 Armboard for EUR Side Rail
PA 70 Cessette Carrier
PA 81 Sitting Headrest
PA 83 Pressure Management Mattress for Emax300
PA 84 25cm Table Width Extender for US Side Rail
PA 85 45cm Table Width Extender for US Side Rail
PA 86 25cm Table Width Extender for EUR Side Rail
PA 87 45cm Table Width Extender for EUR Side Rail
PA 94 Legholder
PA 99 Infusion Stand with Four Hooks
PA 111 Pelvic Section Extender for Emax300
PA 113 Wristlet
PA 114 Anesthesia Screen with Suspended Arm Strap
PA 115 Pad Under Neck
PA 116 Semi Circular Shaped Pad
PA 700 Orthopedic Extension
### Technical Specifications:

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Table Length</td>
<td>2082 mm</td>
</tr>
<tr>
<td>Table Width (without side rails)</td>
<td>520 mm</td>
</tr>
<tr>
<td>Table Height (without mattress)</td>
<td>76 ~ 104 cm</td>
</tr>
<tr>
<td>Trendelenburg/Reverse Trendelenburg</td>
<td>30° / 30°</td>
</tr>
<tr>
<td>Lateral Tilt (L / R)</td>
<td>20° / 20°</td>
</tr>
<tr>
<td>Back (Up / Down)</td>
<td>75° / 45°</td>
</tr>
<tr>
<td>Leg (Up / Down)</td>
<td>30° / 90°</td>
</tr>
<tr>
<td>Leg (Open, 2 pieces)</td>
<td>0° / 180°</td>
</tr>
<tr>
<td>Head (Up / Down)</td>
<td>60° / 90°</td>
</tr>
<tr>
<td>Kidney Elevator (Up) (Plus/Advantage/Elegance models)</td>
<td>0 ~ 12 cm</td>
</tr>
<tr>
<td>Longitudinal Sliding (Head/Foot) (Advantage/Elegance models)</td>
<td>21 cm / 7 cm</td>
</tr>
<tr>
<td>Weight Capacity</td>
<td>(Classic / Plus models) 227kg / 500lbs</td>
</tr>
<tr>
<td></td>
<td>(Advantage / Elegance models) 181kg / 400lbs</td>
</tr>
</tbody>
</table>

*Note: All specifications and descriptions are subject to change without notice*