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Mediland Enterprise Corporation

Gmax 800

Electric Surgical Table

www.mediland.com.tw

Gmax 800
Electric surgical table

To create a better operating environment, Mediland is introducing its first fully electrically-driven surgical table, Gmax 800. Silent design, suitable for use for all types of surgeries. Synchronized movements, to quickly achieve the position and increasing operating room efficiency.

Ergonomically designed base provides better stability and allows surgeons to work closer to the table ; Ideal feature for urological and gynecological surgeries.

Full stainless steel base is easy to maintain and clean, and also resistant to chemicals and disinfectants.

Intuitive Hand Control

Gmax 800 offer a intuitive hand control and auxiliary switch in the base for backup system.

Stainless base cover

The top of the base is made of stainless steel that is scratch resistant, antibacterial, and easy to clean

Flexible castors

Large electrically conductive castor provide good maneuverability.

Ergonomically designed base

Ergonomically designed base allows surgeons to work closer to their patients, which is particularly beneficial for urological and gynecological surgeries.

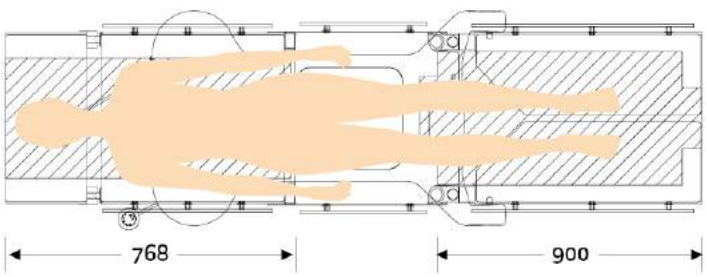
Innovative Table

Articulation Movement

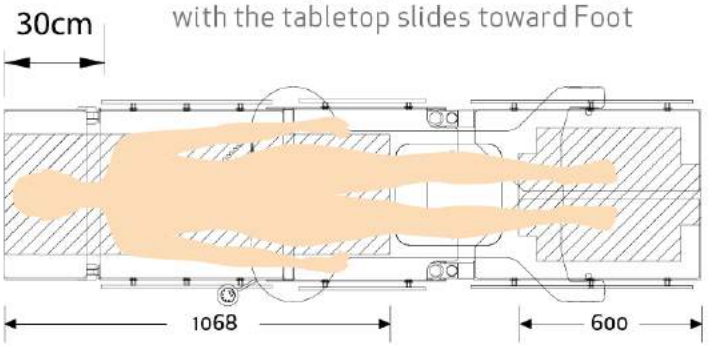
The Gmax 800's fully electrically-driven system offers operational stability, while the absence of hydraulic components eliminates the risk of oil leakage. Gmax 800 also supports synchronized movements that achieve desired positions quickly which is particularly beneficial for endoscopic surgeries.

Sliding

300mm longitudinal sliding , offers imaging access and full cassette tunnel for X- ray. Allowing C-arms to perform full-body radioscopy, making it suitable for use in abdominal, cardiac, thoracic, and endoscopic surgeries.



Maximum Image Amplification Coverage of
with the tabletop slides toward Foot



Maximum Image Amplification Coverage of
with the tabletop slides toward Head 30cm

Applications

■ General Surgery

Gmax 800 surgical table has excellent stability for abdominal, breast and advanced laparoscopic surgery.

PA06 Armboard
PA11 Restraint Strap

■ Struma and Neck Surgery

Head section can be adjusted manually to facilitate struma and neck surgery.

PA11 Restraint Strap

■ Opthalmic and Plastic Surgery

A Headrest for Plastic Operation coupled to the back section provides wrist support for the surgeon.

PA33 Headrest for Plastic Operation
PA11 Restraint Strap

■ Cardiovascular surgery

300mm longitudinal sliding offers full imaging access for cardiac.

PA06 Armboard
PA11 Restraint Strap

▪ Neurosurgery (fowler position)

The patient's head can be stabilized on a sitting headrest in fowler position.

PA01	Radial Setting Clamp
PA11	Restraint Strap
PA14	Upper Arm Support
PA30	Sitting Headrest

▪ Neurosurgery (supine position)

Gmax 800 can be lowered down to offer the adequate height to a seated surgeon. The patient lies in supine position and is placed on a horseshoe headrest.

PA11	Restraint Strap
PA13	Horseshoe Headrest

▪ Neurosurgery (prone position)

The patient's head can be placed on a horse-shoe headrest for approaches to the posterior cranial fossa.

PA06	Armboard
PA11	Restraint Strap
PA13	Horseshoe Headrest

▪ ENT

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

PA11	Restraint Strap
PA13	Horseshoe Headrest

Applications

▪ Shoulder surgery

A light-weight shoulder attachment is available for shoulder surgery in reverse patient orientation.

PA01 Radial Setting Clamp
PA14 Upper Arm Support
PA54 Shoulder Attachment Reverse Orientation

▪ Gynecology & Urology surgery

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

PA01 Radial Setting Clamp
PA03 Anesthesia Screen
PA06 Armboard
PA08 Legholder
PA16 Drain Pan

▪ Rectal surgery

Kraske/jack-knife position allows easy access to the surgical site.

PA01 Radial Setting Clamp
PA03 Anesthesia Screen
PA06 Armboard
PA09 Foot Rest (left)
PA10 Foot Rest (right)
PA15 Proctology Attachment

▪ Spinal surgery

A dorsal operation pad is used to support patient's breast and abdomen. The powered shoulder , lower back and pelvic sections form ideal angle during spinal procedures.

PA06 Armboard
PA13 Horseshoe Headrest
PA27 Dorsal Operation Pad

Orthopedic surgery

The Orthopedic extension (PA650) can be easily installed to the Gmax 800, easy for Hip Pinning, Tibia and Fibula Nailing.

PA06 Armboard
PA650 Orthopedic Extension Device

Lateral I.M. Nailing

Shown with the use of optional lateral accessories.

PA01 Radial Setting Clamp
PA06 Armboard
PA14 Upper Arm Support
A625 Lateral Accessory
PA650 Orthopedic Extension Device

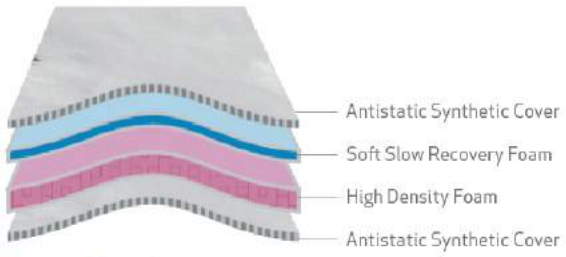
Key Features

General Construction

- A 4-section tabletop provides flexibility for various kinds of surgeries.
- Tabletop is made of radio-translucent material.
- Build in 14" cassette tunnel beneath the tabletop.
- Most of the exposed metal parts, such as the frame, column and base cover are made of stainless-steel.
- Casters and mattresses are electrically conductive.
- Electro-Mechanical system for height adjustment, trendelenburg/ reverse trendelenburg, lateral tilt, back section, longitudinal sliding, floor lock , and auto-leveling.
- Longitudinal sliding toward both head and foot can be achieved by the use of hand control and auxiliary control.
- Head and leg section can be adjusted, attached or removed manually. Gas spring enables adjustments and provides support to the leg section.
- Manual articulation mechanisms for adjustment of the head section, leg section .

Table Mattress

The mattress is 6cm thick and made of anti-static materials. The foam inside of the mattress 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

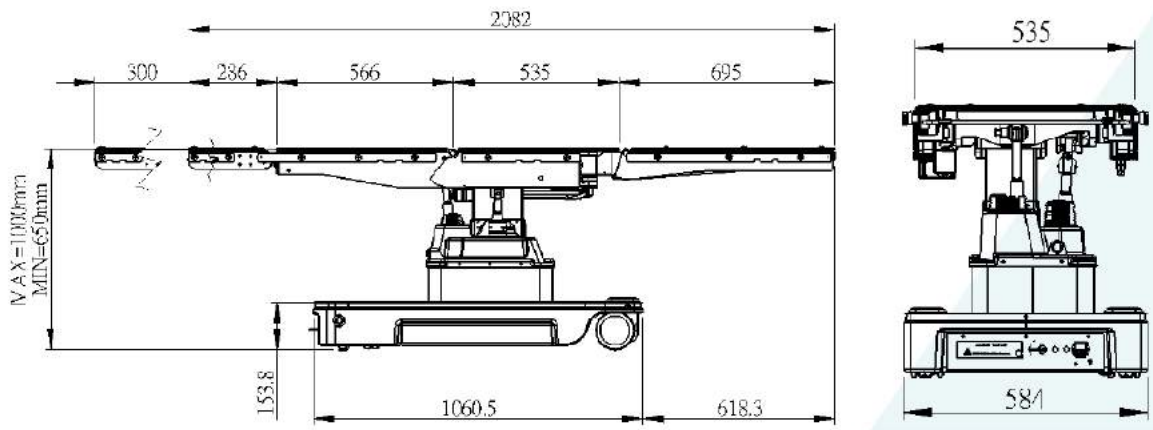
The Gmax 800 can be electrically powered either by AC mains or built-in rechargeable batteries. A fully charged battery set (12V/12Ah*2pieces) will last for approximately 10 full operation cycles.

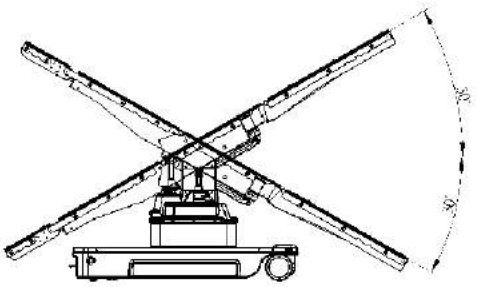
- Input Voltage: 100/240VAC, 50/60Hz
- Input Power: 300W

Table Adjustment Control

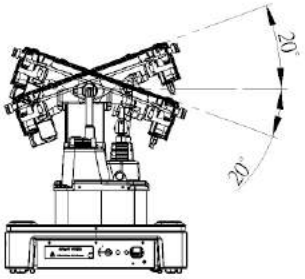
The Gmax 800 positioning can be controlled by a hand control or an auxiliary control unit. The system is designed to cut off power to the hand control software after 70 seconds of inactivity to prevent accidental table movements.

Model	Gmax 800
Table Length	2082 mm
Table Width (Without side rails)	535 mm
Table Height (Without mattress)	650~1000mm
Trendelenburg / Reverse Trendelenburg	30° / 30°
Lateral Tilt (L / R)	20° / 20°
Head (Up / Down)	60° / 90°
Leg (Up / Down)	30° / 90°
Leg (Open,2 Pieces)	0° ~ 180°
Back (Up / Down)	80° / 30°
Longitudinal Sliding	0~300mm(To head)
Max. Patient Weight	800lb (362 kg)
Electrical Height Up/Down	●
Electrical Trendelenburg / Reverse Trendelenburg	●
Electrical Tilt	●
Electrical Back movement	●
Electrical Sliding	●
Auto level	●
Electrical Brake	●
Hand controller	●
Auxiliary Controller	●
Build in battery	●
Table Frame	Cast Steel with Coating

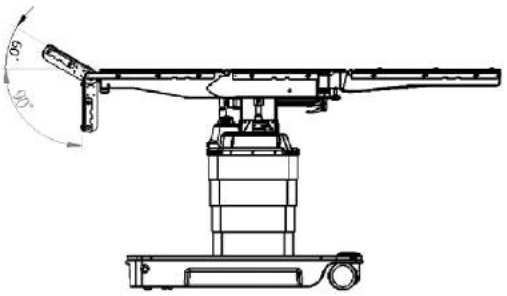




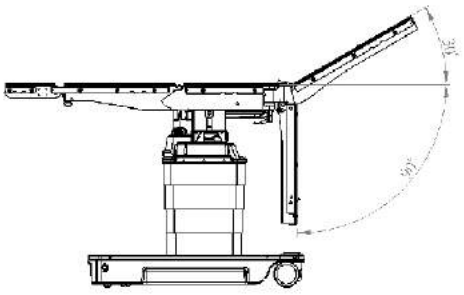
Trendelenburg / Reverse Trendelenburg



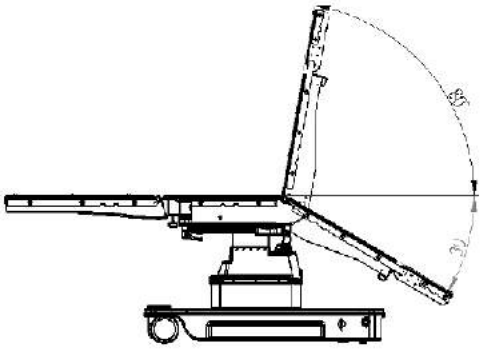
Lateral Tilt (L / R)



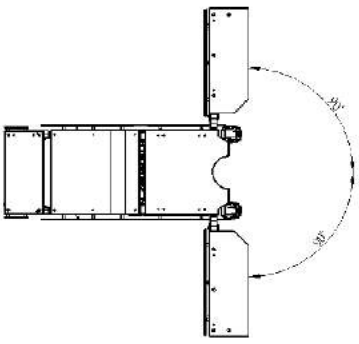
Head (Up / Down)



Leg (Up / Down)



Back (Up / Down)



Leg (Open, 2 Pieces)

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