

OPERATING TABLE
DR-3700





OPERATING TABLE DR-3700

The operating table DR-3700 can reduce the effort of table adjustment to different specialties and procedures, accommodating various types of operations along with more predominant, professional specifications.

It is designed to relieve the surgeon's stress at the site from neurosurgery or orthopedic surgery, and to help staff in the operating room arrange the patient position and peripheral surgical equipment.

Versatile positioning including low initial height, high stroke, and wide-slide range

BEACH POSITION WITH BEACH POSITIONER



JACKKNIFE POSITION



LITHOTOMY POSITION WITH KNEE CRUTCH



LITHOTOMY POSITION WITH STIRRUPS



SPINAL POSITION



SPINAL POSITION



TYPE CHANGE SWAPPING OF HEAD AND LEG SECTIONS

Interchangeable head and leg sections and switchable settings between TYPE A and TYPE B allow more flexible setting appropriate for the operation procedure.

ONE table can be used for a variety of operations by swapping the positions of the head and leg sections.



**TYPE A
BACK SECTION BENDING
SETTING**



**TYPE B
PELVIC SECTION BENDING
SETTING**

ELECTRICALLY DRIVEN MOVEMENTS

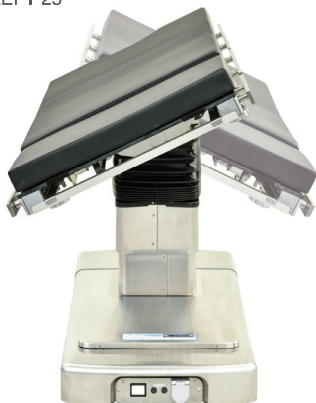
TABLE UP/ DOWN
UP-DOWN RANGE:
550-1050mm (W/O CUSHION)



VERTICAL TILTS:
TRENDELENBURG
(HEAD DOWN) -25°
REVERSE TRENDELENBURG
(HEAD UP) +25°



LATERAL TILTS:
RIGHT/ LEFT 25°



BACK SECTION (TYPE A)
PELVIC SECTION (TYPE B)
UP/DOWN
UP: 75° DOWN: 45°
(The image above is TYPE A)



ELECTRICALLY DRIVEN MOVEMENTS

TABLETOP SLIDE

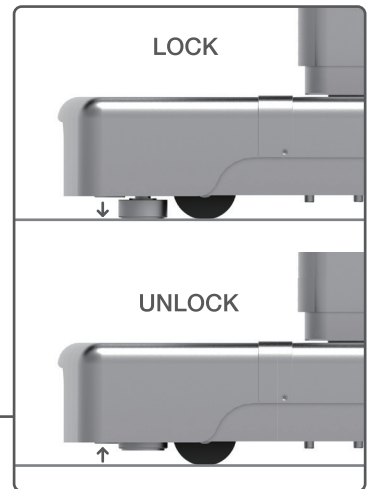


Tabletop slides from the central position to the head side and leg side 250mm each, respectively, providing large space around the feet of surgeons and fluoroscopy space.

HEAD DIRECTION/ LEG DIRECTION: 250/ 250 (mm)

POWER LOCK SYSTEM

Electro-hydraulic adjuster lock system
Each of four adjusters are hydraulically controlled to respond to small irregularities on the floor surface which can be variable by positions in the room.



MANUALLY OPERATING

HEAD SECTION
LEVER grip & release SYSTEM
UP/ DOWN: 30°/ -90°



LEG SECTION SPLITTING
RIGHT/ LEFT: 90°EACH
SWING LOCK KNOB tightening / loosening MECHANISM



LEG SECTION BENDING
UP/ DOWN: 0°/ -90°
ANGLE LOCK LEVER tightening / loosening MECHANISM



FEATURES

1. LOW INITIAL HEIGHT

Adequate low position of 55 cm

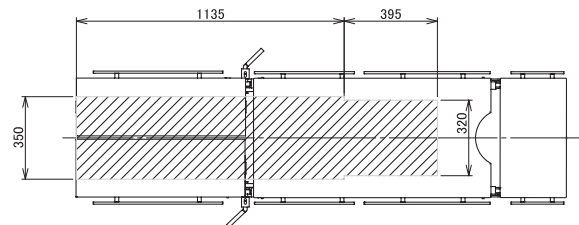
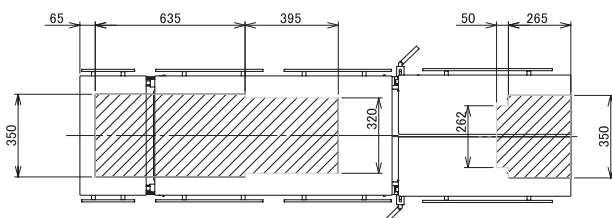
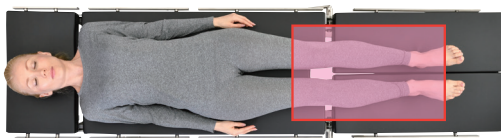
Low initial height facilitates microsurgeries in ophthalmology, neurosurgery and otorhinology



Installation possible with cranial fixation system

2. WIDE RANGE OF TABLETOP SLIDE

Ensures the fluoroscopic range of the site needed for operation by combination with table top-switching function



fluoroscopic range

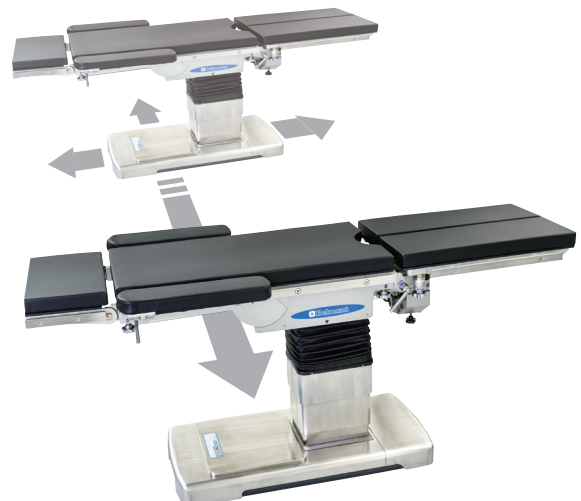
3. LIFTING/ LOWERING RANGE

Lifting and lowering range is adjustable to any surgeon heights with thin base securing space for C-ARM.



4. FOUR-WHEEL FREE CASTERS

Four-wheel free casters enhance the mobility.



FEATURES

5. USER ORIENTED HAND REMOTE CONTROL

Operation pushbutton switches are equipped with blue LEDs improving visibility in operating rooms.



Operating Table Lock/ Unlock Switch
Blinking (Unlock) Lighting (Lock)

Mechanical Actions Indication

Status	Indication of the mechanical action
The action is in operation	On State
The action is limited	Off State
The operation error is occurring	Off State/ Blinking

E switch timer function
Timer function is implemented to improve operability.

Return-To-Level Mechanism
This product enables the tabletop to be returned to the horizontal position from any position. Use this function to return to the horizontal from the V position, jackknife position, etc.

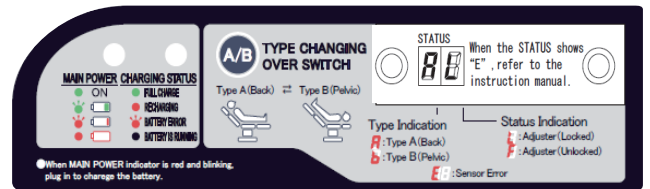
6. OVERRIDE CONTROL PANEL

An override control panel is provided, allowing operation of all movements even when the hand remote control is not available.



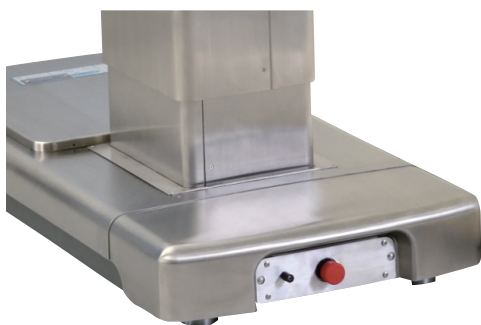
7. BATTERY POWER SUPPLY

Equipped with a Lithium ion battery, battery life under repeated charging and discharging has improved than the previous model.



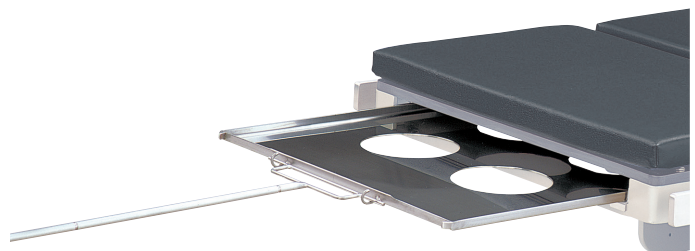
8. EMERGENCY STOP SWITCH

Pressing the Emergency Stop Switch can turn off the power for the main unit.



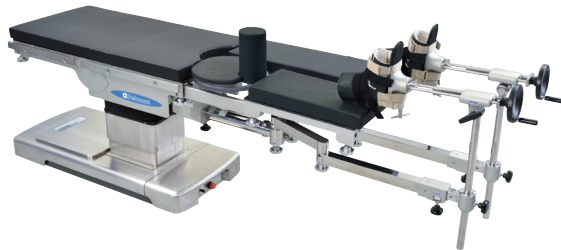
9. X-RAY FLUOROSCOPIC TABLETOP

Full length cassette tunnel can hold the X-ray cassette. (Sold separately)



10. TRACTION DEVICE FOR ORTHOPEDIC SURGERY

- Smooth setting
- Wide space leaves little stress in C-ARM installation and no supporting bar is required for traction device



The setting system can reduce the burden of staff in changing patient positions



CART FOR TRACTION UNIT: AT-3700-B

Easy to attach or remove the traction unit by one person



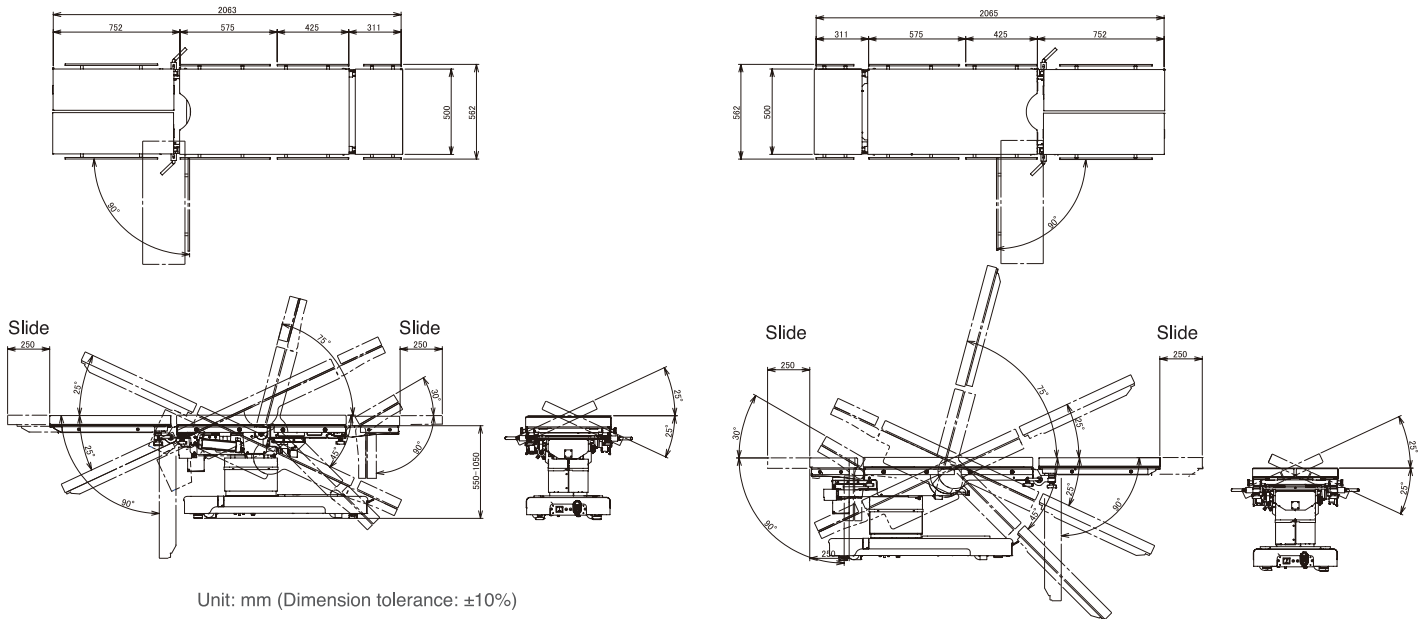
CART FOR TRACTION UNIT ACCESSORIES AT-OPTM-ACC

Allows for compact storage of accessories

SPECIFICATIONS

**TYPE A
BACK SECTION BENDING MODE**

**TYPE B
PELVIC SECTION BENDING MODE**



Unit: mm (Dimension tolerance: ±10%)

Dimensions and specifications may be subject to change without prior announcement for modification.

Tabletop	500 × 2063 mm
Table height range	550-1050 mm (Electro hydraulic mechanism)
Reverse trendelenburg/ Trendelenburg angle	Head up: 25° Head down: -25° (Electro hydraulic mechanism)
Lateral tilt angle	Left shoulder up: 25° Right shoulder up: 25° (Electro hydraulic mechanism)
Back section-bending angle (Type B Pelvic section)	Up: 75° Down: 45° (Electro hydraulic mechanism)
Head section-bending angle	Up: 30° (by 10°) Down: 90° (by 10° up to 40° downward)
Leg section-bending angle	Up: 0° Down: 90° (by 10°)
Leg section opening angle	Right/ left: 90° each (by 10°)
Slide range	Toward head from center: 250 mm (Electro hydraulic mechanism) Toward Leg from center: 250 mm (Electro hydraulic mechanism)
V position angle	Head up, Leg up: 0°-24° each
Jackknife position	Head down, Leg down: 0°-24° each
Return to level mechanism	In vertical, lateral tilting and Back section (Type B Pelvic section) movement
Head section and leg section	Exchangeable
Level detectors	In vertical, lateral tilting and Back section (Type B Pelvic section) movement
Sliding center stopping function	In slide operation
Override control panel	Equipped
X-ray fluoroscopic tabletop	Full length cassette tunnel
Hydraulic base lock	Equipped
Emergency stop switch	Equipped
Table weight	345 kg
Power rating	100-120 VAC, 50/60 Hz, 6.0 A 220-240 VAC, 50/60 Hz, 3.0 A
Operation switches	Hand control
Maximum load (safe working load)	2250 N (225 kgf)
Battery voltage/capacity	DC25.2 V/6900 mAh
Battery type	Lithium-ion battery