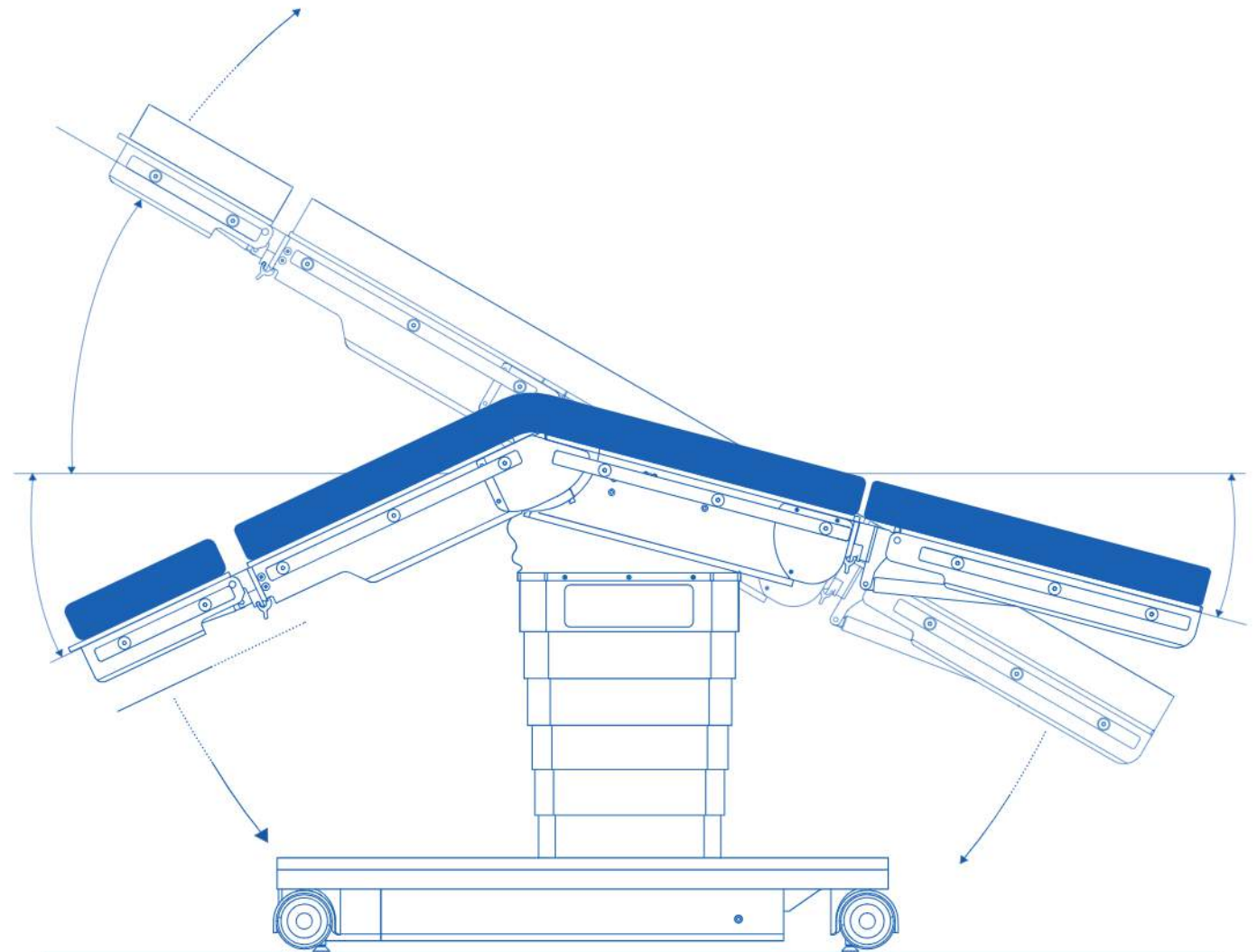


LUVIS | ST300

A GENERAL TABLE WITH
VERSATILITY & EFFICIENCY

Designed to provide an efficient platform for various
surgeries, streamlining surgical workflows,
and enhancing the efficiency of the operating room

LUVIS OPERATING TABLE



W LUVIS | MEDICAL
SYSTEMS

D-C-LVST-V3-202602-ENG

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THE FIRST CHOICE for perfect operating rooms

DENTIS

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Introduction of DENTIS

DENTIS, established in 2005, is a dental and medical solutions company
LUVIS MEDICAL SYSTEMS is the operating room solutions brand
under the DENTIS Medical Division,
exporting LUVIS products to 80 countries worldwide



LUVIS PRODUCTS OPERATING TABLE



LUVIS ST300



Feature



Cost Effectiveness



Usability Beyond Expectations



Standard in the
Operating Room



Flexibility and Access

Convenient
Efficient
Smart
Safe



Feature



Return of Zero Position



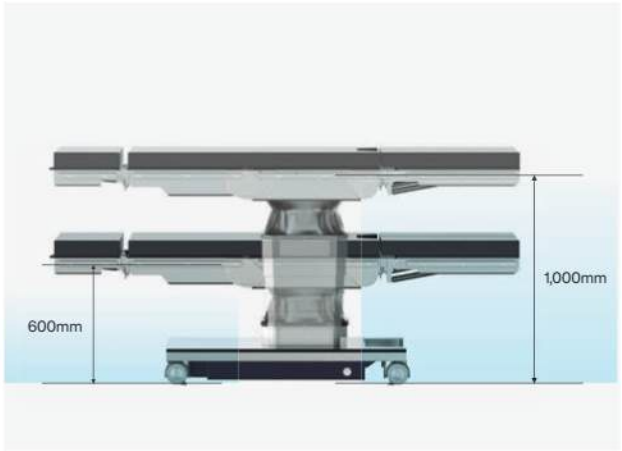
Easy Service



Wired Hand Controller



360° 4 Swivel Castors



Convenient

LUVIS ST300 provides adjustable height and multiple positioning for optimal surgical environment



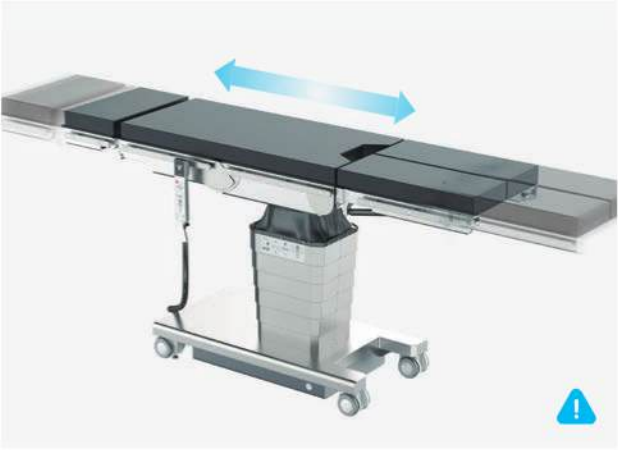
Efficient

Wide imaging access ensures efficient for high-quality image acquisition



Smart

Intelligent hand controller makes it easy to precisely adjust the patient's position

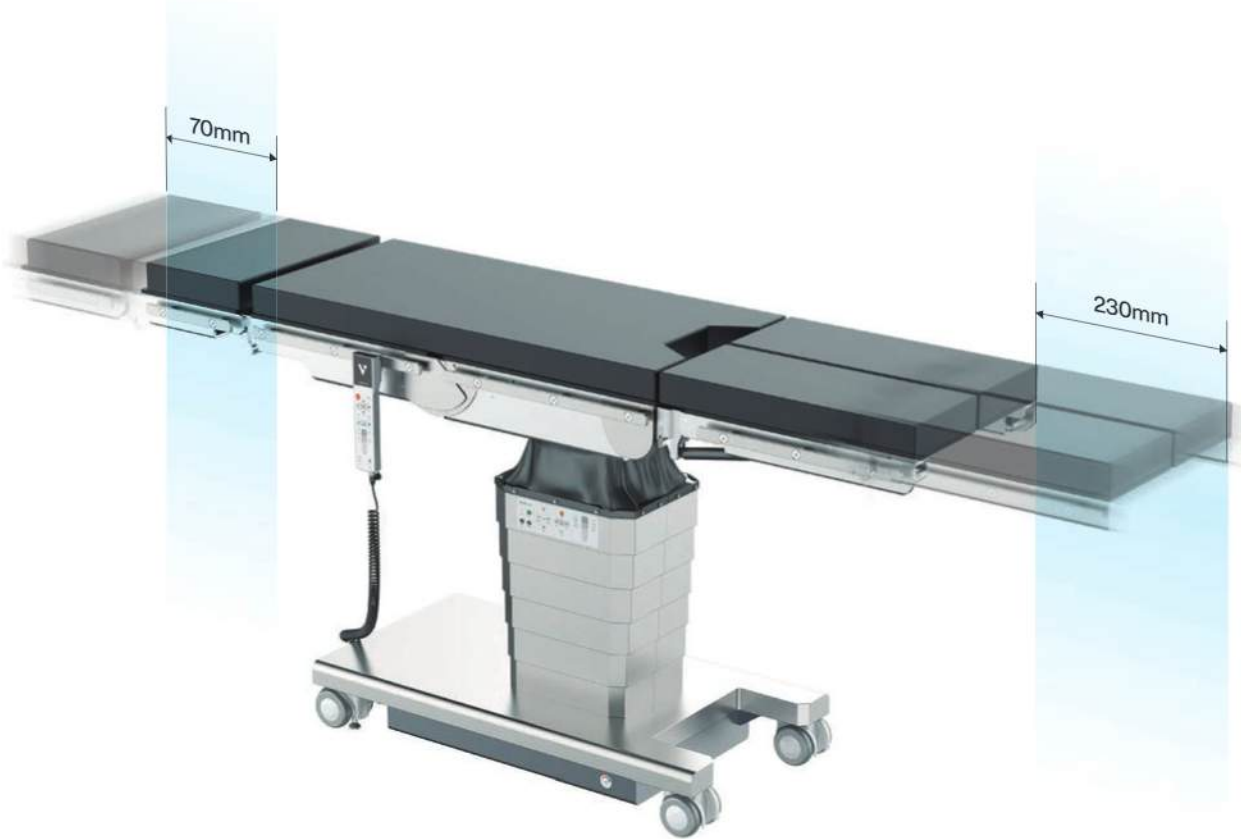


Safe

Anti-Collision feature activates during slide operation when back plate angle is less than 0 degrees

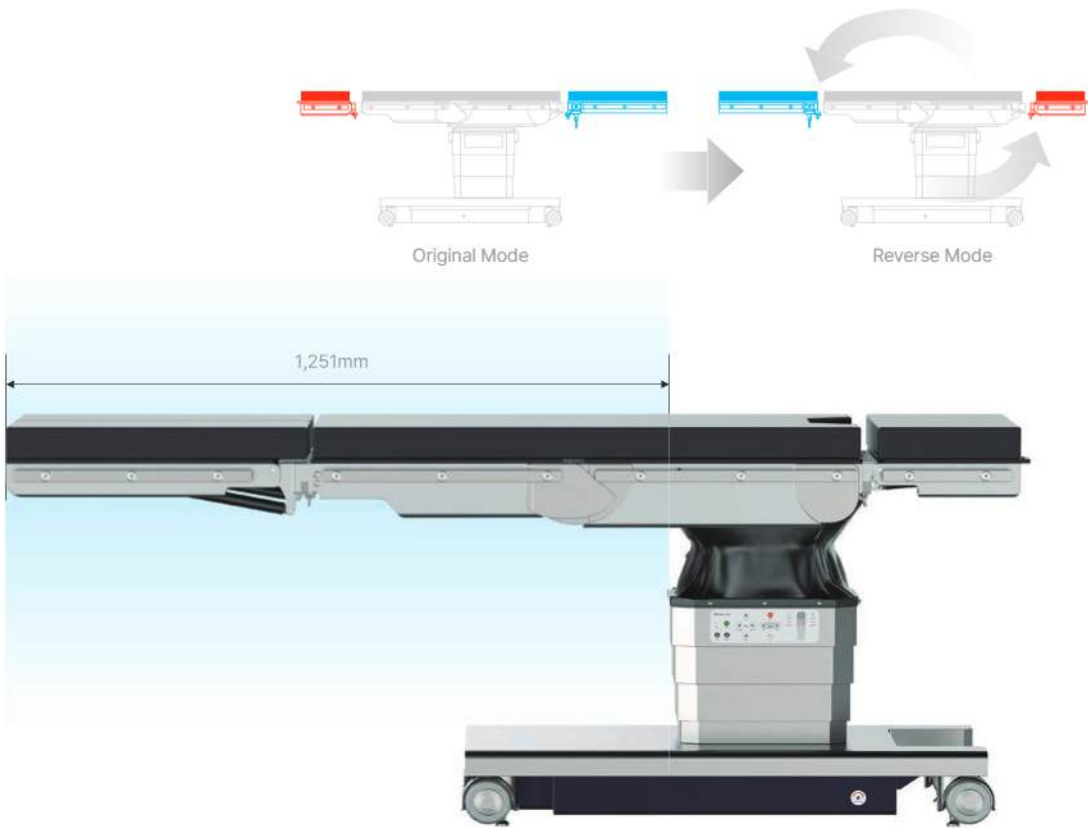
Imaging Access

Living up to all requirements
The multifunctional LUVIS ST300

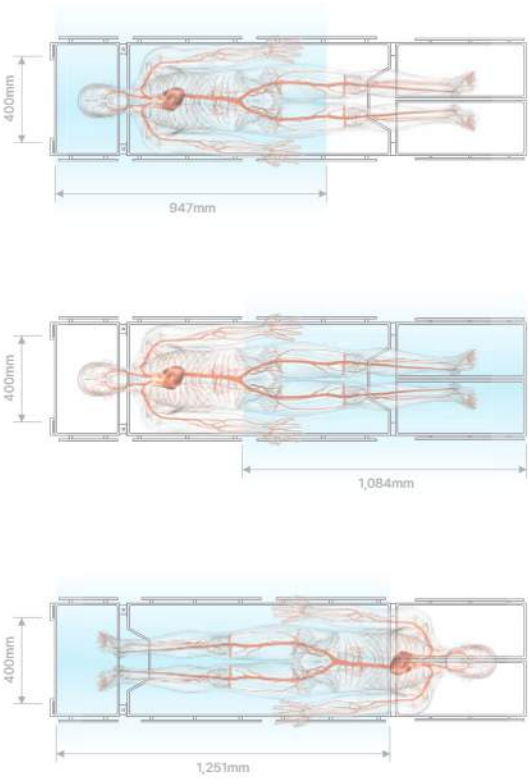


Reverse Mode

To secure a wide imaging area, it can be
utilized by switching to reverse mode



Effective C-arm Access



Imaging Area

Table Slide to Head (Normal Mode)	Imaging Length	Width	400mm
		Length	947mm
		Total imaging area 3,788sq. cm	

Table Slide to Foot (Normal Mode)	Imaging Length	Width	400mm
		Length	1,084mm
		Total imaging area 4,336sq. cm	

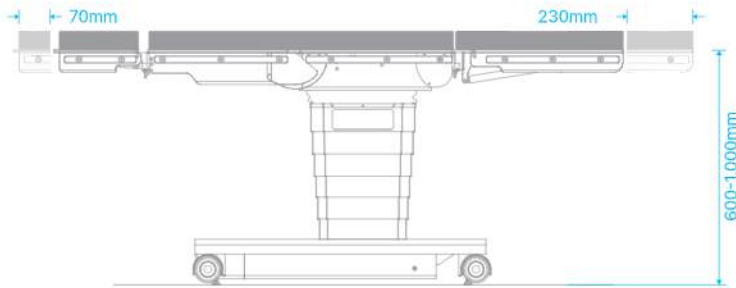
Table Slide to Foot (Reverse Mode)	Imaging Length	Width	400mm
		Length	1,251mm
		Total imaging area 5,004sq. cm	

Comfortable and ergonomic positioning with maximum foot access for the surgeon

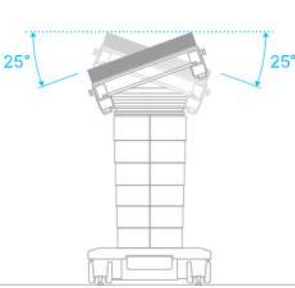


Wired Hand Controller

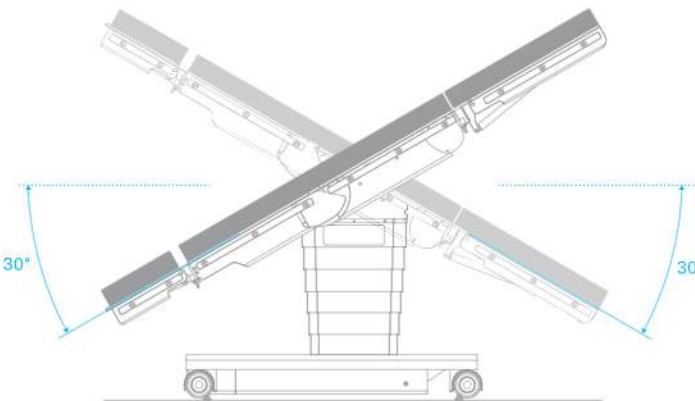
Intelligent wired hand controller enables convenient adjustment of the operating table



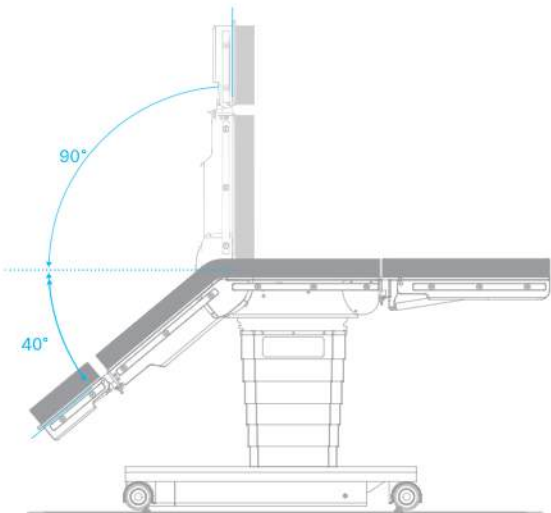
Longitudinal Slide



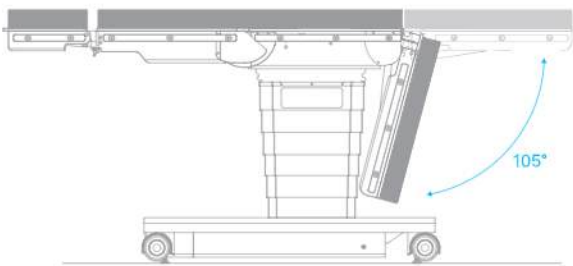
Tilt



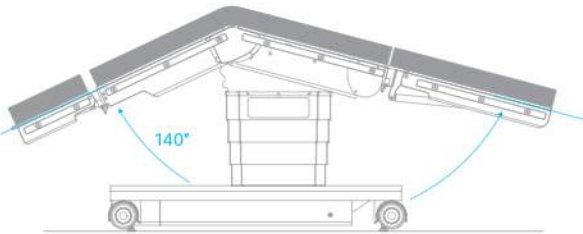
Trendelenburg



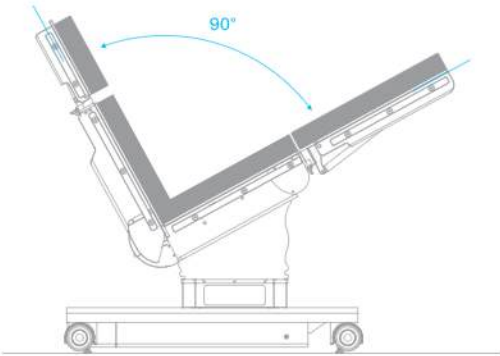
Back



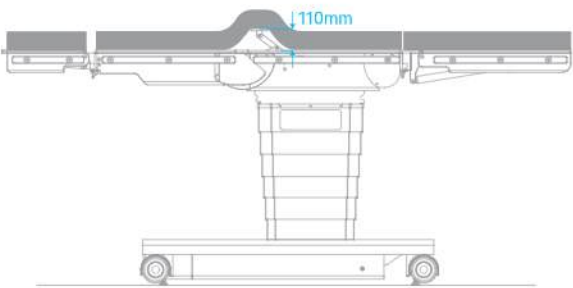
Leg



Flex



Reflex



Kidney Elevator

Effective Accessory Attachment

LUVIS ST300 allows users to efficiently handle the removal and attachment of accessories such as orthopedic traction frames in a short period of time.



Efficiency of Usability

LUVIS ST300 and accessories are configured to provide an efficient platform for each procedure to suit the volume and variety of procedures to focus on the patient, streamlining the workflow and improving the efficiency of the operating room.





Kidney Elevator (*option)

LUVIS ST300 offers an optional 11cm kidney elevator that can be used with the Flex function



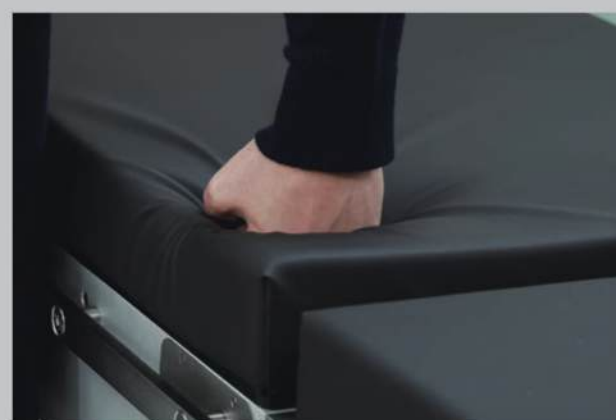
One Button Design

LUVIS ST300 allows users to efficiently handle the removal and attachment positions of accessories such as orthopedic traction frames in a short period of time



Gas Spring Headrest Adjustment

Easy angle manipulation with gas spring and high safety posture-maintenance functionality



Comfortable Sheet

The memory foam seat adjusts according to the user's body shape, ensuring an accurate and comfortable posture is maintained



Technical Specifications

Structure Features

- Can operate with internal power and external power
- 4 point self leveling floor locks ensure stable positioning of the table with fully mechanical emergency brake release
- Column casing and base cover made of stainless steel
- Supporting frames for the hip section and back section made of aluminum
- Leg section sockets, joint covers and side rails made of stainless steel
- Operating table top subdivided into 4 sections: head section, back section, hip section, leg sections
- Symmetrical accessory interfaces for normal and reverse positioning
- If the electronics or hydraulics fail, an integrated tool can manually unlock the brakes

Technical Data

Model		LUVIS ST300
Length of Surgical Tabletop (mm)		2,123
Width Without Side Rails (mm)		520
Width Across Side Rails (mm)		572
Weight (kg)		280
Integrated Battery (operating cycles)		50
Maximum Overall Load *patient and accessories (lb/kg)	Normal Orientation (Centered)	1,000/454
	Full Table Articulation & Slide	551/250
	Reverse Mode	350/159
Option	Kidney Elevator	Optional
	Battery	Optional

Note : Operating cycles may vary depending on usage conditions and battery status

Electrical Data

- Specially designed battery with the capacity for lasting the ten working days use in the operating room
- Electronic monitoring of the battery charging level with the indicator
- Batteries recharged from the main power supply of 50-60Hz with the power supply cord

Electrohydraulic adjustments via hand controller, remote controller and backup controller (override)

	LUVIS ST300
Height Without Padding (mm)	600-1,000
Trendelenburg / Reverse Trendelenburg (°)	30/30
Lateral Tilt (°)	25/-25
Back Section (°)	90/-40
Leg Section (°)	10/-90 (2plates) *manual
Headrest (°) *manual	30/-90
Longitudinal Slide (mm)	300
Kidney Elevator (mm)	110
Flex / Reflex (°)	140/90
Base Brake Mechanism *lock / unlock	Electric

Flexible to support the various surgical applications you perform



Orthopedic Surgery

Gynecology/Urology Surgery



Shoulder Surgery

Neuro Surgery



Spine Surgery

Kidney Surgery



LUVIS PRODUCTS

ACCES SORIES



Orthopedic Traction Frame
Stirrup Leg Holder
Spine Surgery Frame
Beach Chair
Spider Arm
Surgery Head Frame
Others

STANDARD TABLE ACCESSORIES



Waist Support (fixed)



Arm Board



Hand Controller

Orthopedic Traction Frame

Combinable Preventive Quick

Stirrups Leg Holder

Universal Protection Visual



Combined with C-arm and X-ray machine



Quick installation



Easy movement with accessory trolley



Preventing infection



Protection against pressure



Angle adjustment to suit surgical purpose



360° universal adjustable



Visual indicators for precise positioning



Extension rod/Short (°)	0/90	Extension rod/Long (°)	0/180
Retraction pole/Traction (mm)	200	Retraction pole/Lifting (mm)	400



Cantilever diameter (mm)	20	Material	304 Stainless Steel And Aluminum And ABS
Applicable patient weight (kg)	150-180	Leg boots front and rear adjustment range (mm)	330
Adjust the angle left and right (°)	-25/30	Adjust the angle up and down (°)	-45/90

Spine Surgery Frame

Comfortable Effective Convenient



Fast and convenient
locker operation



Matches all brands
of operating tables



Improving the effectiveness
of spinal surgery



Provide comfort to patients



Length (mm)	770	Height (mm)	290
Weight (kg)	10.45	Maximum overall load (kg)	250

Beach Chair

Flexible Suitable Convenient



Provides high flexibility



Convenient and quick
surgical environment



Suitable for shoulder and
beach surgery



Change the configuration according
to the purpose of the surgery



Size (mm)	520×580	Back angle (°)	-15/80
Headrest adjustment Range (mm)	0-320	Required operating table Width (mm)	500-600

Spider Arm

Effective Capable Easy



Robot arm for multi-function joints



Capable of overcoming high loads



High reliability and efficiency



Easy to use and maintain



Size (mm)	950×300×80	Load capacity (kg)	250
Rotation angle (°)	360	Joints	6

Surgery Head Frame

Flexible Precise Support



Provides excellent flexibility



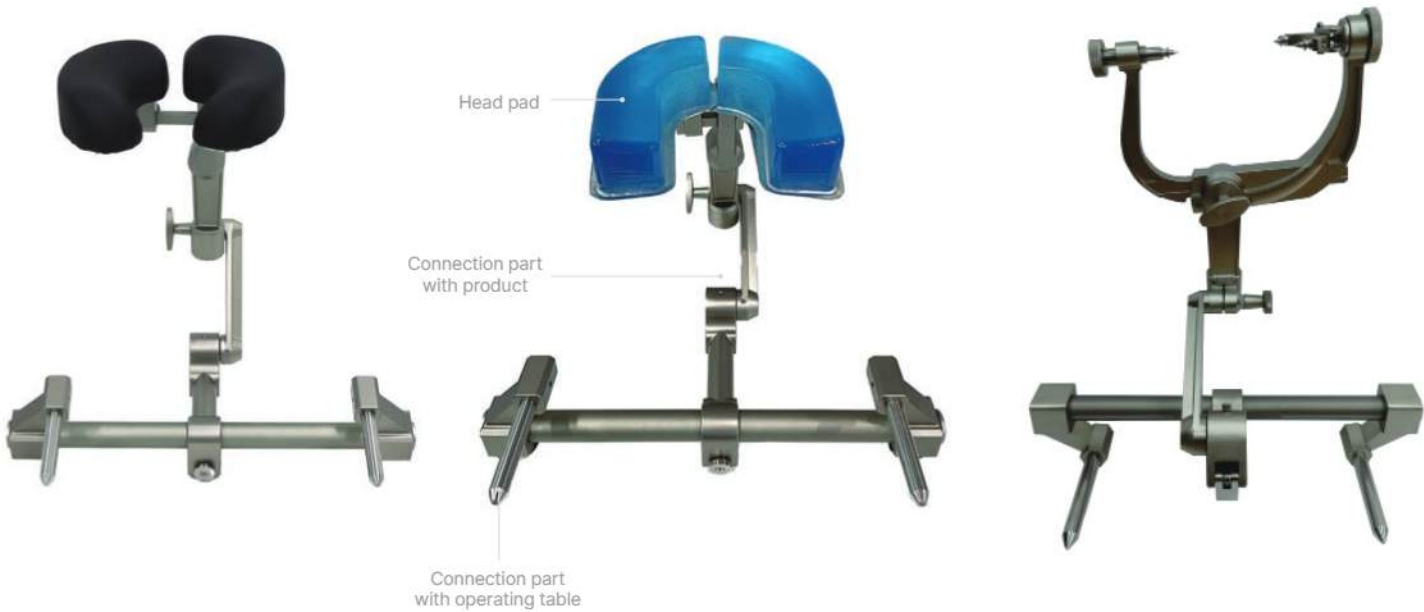
High support enables stable surgery



Precise movement can be implemented



Creates the optimal environment for nerve surgery



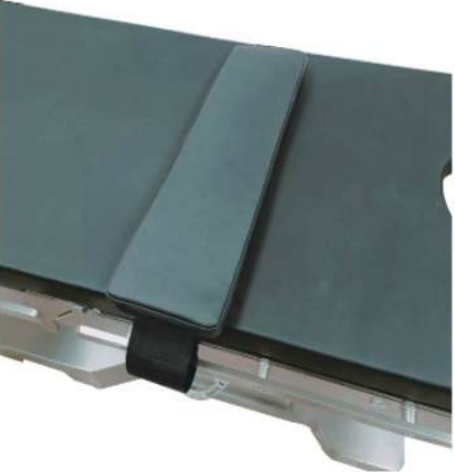
Application	Neurosurgery	Rod diameter (mm)	12-20
Inserting rods distance (mm)	220-480	Package	Carton

Other Accessories

Rotating Lateral Supporter	Leg Holder	Side Bracket
		

Square Clamp	Arm Strap	Leg Strap
		

Hand Surgery Arm Rest	Arm Table	Side Rail Clamp
		

Body Strap	Drain Tray	Screen Frame
		



We aspire to become a leading Medical Solution Brand by providing the best products and services,
pursuing the highest values for our customers, enabling humanity to lead healthy and happy lives