



Heal Force

# EST-1

Electro-Hydraulic Operating table



**For smooth & efficient  
positioning**



Heal Force leads you to healthier life

## Product overview

EST-1 is an electro-hydraulic operating table designed to meet universal surgical-positioning needs, like in Neurology, Ophthalmology, Gynecology, Urology, Minimal Invasive Surgery, Hand & Arm surgery.....

Its no-crossbar design allows for easy access to patient from both sides, 296-mm longitudinal shift provides bigger irradiated area but leaves minimal dead space, which makes EST-1 a excellent solution for those procedures that incorporate X-ray imaging application, such as knee arthroscopy.

With corded remote or override control system, EST-1 can be set up smoothly and quickly to response to positioning variation during operation, or restored to the originally level position with just one press of reset button after surgical procedures end or before maintenance programs start.

To doubly ensure clinical safety, in addition to Auto-lock design of control system to avoid accidental mis-action, a rechargeable battery in EST-1 is integrated and can be activated for backup of up to 50 batches of procedures, in case that AC power supply is cut off unexpectedly in operating rooms.

## Features

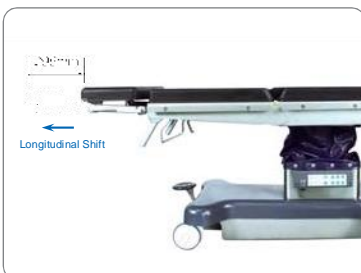
- Table body and sidebar are made from SUS-304 grade Stainless steel
- Comprehensive accessories option for different surgical positioning needs



- Operation control with corded remote or override system, with Auto-lock of corded remote in 30s to avoid accidental mis-operation



- One press to restore originally "Level" position after surgery ends or for maintenance



- Manually controlled longitudinal shift up to 296 mm, gives easy access of device to patient



- Integrated X-Ray film cassette bracket under back section



- Doubly articulated Head plate to provide patient greater comfort in sleeping position



- Detachable Head section for connection of wrist support or head fixation (ophthalmology or neurology)
- Detachable Leg section for connection orthopedic extension



- Highly maneuverable trolley with front-ended brake to lock and release during movement



### EST-1 Specification

<b>Table Length</b>	2100 mm
<b>Table Width</b>	500 mm (not include side-rail)
<b>Table Height (Raised/lowered)</b>	1030 mm / 700 mm
<b>Trendelenburg / Reverse-trendelenburg</b>	30 ° / 30 °
<b>Lateral tilt (right/left)</b>	20 ° / 20 °
<b>Back plate (up/down)</b>	68 ° / 42 ° Custom made positioning of Back plate 80 ° / 40 ° can be produced on request
<b>Head plate (up/down)</b>	57 ° / 72 °
<b>Leg plate (down/split)</b>	96 ° / 65 ° x2
<b>Flex / Reflex</b>	220 ° / 115 °
<b>Longitudinal shift</b>	296 mm
<b>Patient weight</b>	200 kg (during positioning)
<b>Input power</b>	AC 110/220V, 60/50Hz

**200KG**





Position	Typical Accessories	Surgery Example
	 <b>Order No.: SSTFJ-60-00</b> - Lateral armboard (for prone, neuro, lateral and chair positions), padded - Mounting clamp included	<ul style="list-style-type: none"> <li>- Thoracic surgery</li> <li>- Kidney/Ureter surgery</li> <li>- Plastic surgery</li> </ul>
	 <b>Order No.: SSTFJ-20-00</b> - Armboard with ball-joint, horizontal and vertical adjustment 360 degrees, padded, sold in pairs - Mounting clamps included	
	 <b>Order No.: SSTFJ-40-00</b> - Lateral support (or called Body support, Lateral Brace), padded, sold in pairs. Mounting clamps included	

Position	Typical Accessories	Surgery Example
	 <b>Order No. : SSTFJ-250-00</b> - Drain pan for gynecology and urology.	<ul style="list-style-type: none"> <li>- Gynecology</li> <li>- Urology</li> <li>- Rectal Surgery</li> </ul>
	 <b>Order No.: SSTFJ-30-00</b> - Leg support (or called Knee crutch), padded, sold in pairs. - Mounting clamps included.	

Position	Typical Accessories	Surgery Example
	 <b>Order No.: TJ10300-E</b> - Optional Headrest (for neurological and ophthalmologic surgery)	<ul style="list-style-type: none"> <li>- Shoulder Surgery</li> <li>- Neurology</li> <li>- Breast reconstruction surgery</li> </ul>
	 <b>Order No.: SSTFJ-50-00</b> - Shoulder support, padded, sold in pairs. - Mounting clamps included.	

Position	Typical Accessories	Surgery Example
	 <b>Order No.: F-03</b> - Orthopedic extension device with 4-caster accessory cart (Traction height, distance and direction adjustable)	<ul style="list-style-type: none"> <li>- All surgeries involving posterior back (cervical spine, back, rectal area and dorsal extremities)</li> <li>- Knee arthroscopy</li> </ul>
	 <b>Order No.: SSTFJ-100-00</b> - Easy armboard, horizontal adjustment 180°, padded.	

Position	Typical Accessories	Surgery Example
	 <b>Order No.: SSTFJ-70-00</b> - Foot-rest, padded, sold in pairs. - Mounting clamps included.	<ul style="list-style-type: none"> <li>- Neck surgery</li> <li>- Laparoscopic surgeries in pelvic or lower abdominal region</li> </ul>

Position	Typical Accessories	Surgery Example
	 <b>Order No.: SSTFJ-10-00</b> - L-shaped Anesthesia screen (or called Ether screen) with 2 wings, rigid - Mounting clamp included.	<ul style="list-style-type: none"> <li>- Spinal Surgery</li> <li>- Ophthalmology</li> <li>- Plastic Surgery</li> <li>- MIA (Minimal Invasive Access) surgery</li> </ul>
	 <b>Order NO. :SSTFJ-80-00</b> - External Kidney Elevator, adjustable height 0-120mm	

## Gel pads and Positioner

For better access to surgical site and minimal risk of decubitus ulcer (or called "bedsore")

### Prone Head Rest



Order No.	Description	Dimension	Quantity
HF-1101-1	Large	280x240x140 mm	1 pc
HF-1101-2	Medium	250x200x100 mm	1 pc
HF-1101-3	Small	230x200x115 mm	1 pc

### Ring-Shaped Head Rest



Order No.	Description	Dimension	Quantity
HF-1102-1	For Adult	200x70x70 mm	1 pc
HF-1102-3	For Child	140x50x30 mm	1 pc
HF-1102-5	For Neonate	80x30x20 mm	1 pc

### Horseshoe-Shaped Head Rest



Order No.	Description	Dimension	Quantity
HF-1103-1	For Adult	200x70x70 mm	1 pc
HF-1103-3	For Child	140x50x30 mm	1 pc
HF-1103-5	For Neonate	80x30x20 mm	1 pc

### Supine Head Rest



Order No.	Description	Dimension	Quantity
HF-1105-1	Large	230x230x40 mm	1 pc
HF-1105-2	Small	220x190x60 mm	1 pc
HF-1105-3	Medium	240x220x70 mm	1 pc

### Contoured Headrest



Order No.	Description	Dimension	Quantity
HF-1104	General purpose	180x180x80 mm	1 pc

### Headrest for Thyroid Gland Positioning



Order No.	Description	Dimension	Quantity
HF-1110-3	General purpose	480x390x90 mm	1 pc

### Arm and Elbow pad



Order No.	Description	Dimension	Quantity
HF-2101-1	Medium	400x160x10 mm	1 pc
HF-2101-2	Large	600x160x10 mm	1 pc

### Lateral Body support



Order No.	Description	Dimension	Quantity
HF-3101-1	PU material	720x460x150 mm	1 pc
HF-3101-2	Visco-elastic PU	700x500x160 mm	1 pc

### Elbow protection strap



Order No.	Description	Dimension	Quantity
HF-2012	General purpose	400x150x15 mm	1 pc

### Wrist protection strap



Order No.	Description	Dimension	Quantity
HF-2013	General purpose	425x50x10 mm	1 pc

### Prone Chest support



Order No.	Description	Dimension	Quantity
HF-3102-1	PU material	630x460x150 mm	1 pc
HF-3102-3	Visco-elastic PU	600x490x180 mm	1 pc

### Contoured Armrest



Order No.	Description	Dimension	Quantity
HF-4102-1	Large	500x150x40 mm	1 pc
HF-4102-2	Medium	400x150x40 mm	1 pc

### Table cover pad ( 3 sections in one package)



Order No.	Description	Dimension	Quantity
HF-5101	Head section	500x230x15 mm	1 pc
	Back & Seat section	1000x500x15 mm	1 pc
	Leg section	500x500x15 mm	1 pc

### Rectangular Gel Pad for general purpose



Order No.	Description	Dimension	Quantity
HF-4104-1	Small	300x200x15 mm	1 pc
HF-4104-2	Medium	400x240x15 mm	1 pc
HF-4104-3	Large	500x300x15 mm	1 pc

### Heel protection pad



Order No.	Description	Dimension	Quantity
HF-4103	Medium	150x80x45 mm	1 pc
HF-4103-1	Large	180x100x70 mm	1 pc

### D-shaped Gel pad for general purpose



Order No.	Description	Dimension	Quantity
HF-4101-1	Medium	300x150x70 mm	1 pc
HF-4101-3	Large	500x150x70 mm	1 pc
HF-4101-7	Filler for HF-4101-1		1 pc
HF-4101-8	Filler for HF-4101-3		1 pc

### Ankle protection strap



Order No.	Description	Dimension	Quantity
HF-4105	General purpose	450x70x10 mm	1 pc





# Heal Force leads you to healthier life



Since established in 1989, Heal Force Bio-Meditech Holdings Group, as a leading Chinese manufacturer and supplier of medical, healthcare and laboratory product, has expanded its business across whole China and other 120 countries.

Over decades, we work closely with medical professionals locally and internationally to provide complete operating theatre solution and service to help improve surgical condition and procedures, keep sharing our experience and know-how in operating theatre construction, preoperative preparation, anesthesia delivery, surgical operation, intra-operative to post-operative monitoring and nursing, to help hospitals and clinics easily equip and informative their surgical workflow to boost efficiency, safety with minimal investment.

## Heal Force OR series-surgical positioning family

Pic	Table Model.	Lifting system	Positioning	Surgery type
	EST-1	Hydraulic	Motor	Universal use (especially for imaging)
	HFease400 (Standard)	Hydraulic	Motor	Universal use
	HFease400 (Low Position)	Hydraulic	Motor	Universal use (especially for surgeries requiring low height, like neurology, ENT, ophthalmology, laparoscopic surgery...)
	HFease100	Hydraulic	Manual	Universal use



### Heal Force Bio-Meditech Holdings Group Nison Instrument (Shanghai) Limited

16th Floor, Building B, SOHO Zhongshan Plaza, 1065 West Zhongshan Road,  
Changning District, Shanghai 200051, China

Tel: +86 21 62728646

E-mail: [export@healforce.com](mailto:export@healforce.com)

Fax: +86 21 62710529

Website: [www.healforce.com](http://www.healforce.com)

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