



# KOMFY SURGICALS

RISING TECHNOLOGY, DESIGN AND IDEAS

Manufacturer of O.T. Equipments & Hospital Furniture





**KOMFY SURGICALS**  
RISING TECHNOLOGY, DESIGN AND IDEAS

## ABOUT US

It is our privilege to introduce our company KOMFY SURGICALS an ISO 9001: 2008 certified company which was founded in 2006 as a modest & contended trading unit which later expanded and started its own manufacturing unit in 2010. Today has three Manufacturing units ( 1 (One manufacturing of Operation Theater Table and Operation Theater Light, 1 (One manufacture of Hospital Furniture and 1) Own Manufacturing ABS Pannel located in New Delhi and Hyderabad.

It is promoted by Mr. RAMAKANT SANGAI with a vision of upgrading Health Care System with His Skilled experience of enhancing technology idea and healthcare for new generation.

Under their supervision we have Health Management Experts, Supported Team and Experienced Professional at their respective field (like Architecture, Engineers Public Health Consultant, Bio Medical Engineers, Clinical Expert Project Management experts and most important our hard working and dedicated Labour about working on ground and reality ).

With this expertise team we have been successfully undertaking health Hospital and Health Infrastructure Projects ranging from Nursing Homes to Medical Colleges and Tertiary Hospitals with our continuous in-house research and Quality to be updated and provide the client qualitative, cost effective and comprehensive solution.

### OUR MISSION

To offer superior quality, highly reliable and most consistent health care products at competitive prices. To provide world class representation and distribution company, Komfy Surgicals A unit of a global medical manufacturers via unparalleled relationship and distribution Channels Through out India.

### OUR STRENGTH

Devoting ourselves towards manufacturing a flawless range, we direct all our efforts towards satisfying our clients. We consider the quality as a culture and services as a tradition in all our organizational activity. Apart from our premium quality products we make sure that we provide top notch services to our clients.

### FACT

Nature of Business : Manufacturer, Exporter, Suppliers  
Additional Business : Trader, Retailer  
Company Proprietor : Ramakant Sangai  
Registered Address : 5-5-4 75/4 MIG B3/F2, Bhagyanagar Colony M.J. Road Hyderabad  
Industry : Medical Equipment's Industry  
Year of Establishment 2006

### QUALITY ASSURANCE

With years of dominance in the domestic market, we have set benchmarks of superior quality, excellent. customer support services and economical solutions. In order deliver consistency in terms of product quality, we have adopted stringent quality control measure. We use only tested and verified raw material for the production of our range. Understanding the importance of cleanliness and hygiene regarding medical equipment, we make sure that the production unit is clean and safe from any kind of contamination. Our quality controllers meticulously test the products on various quality parameters.



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# BARIATRIC TABLE

**Model No. KS-BT**  
**Weight Lifting Capacity 450 Kg**

## Technical Specification

Length	1950-2100 mm
Width	600 mm
Min. Height	700 mm
Max. Height	1000 mm
Trendelenburg / Reverse Trend.	15°/45°
Flex / Reflex	60°/220°
Lateral Tilt	20°/20°
Top Slide (Back ward/Forward)	300 mm
Head Section Up/Down	90°/90°
Leg Section Up/Down	20°/90°
Weighing Capacity	450 Kg.



## SALIENT FEATURE

- ★ Made by Stainless Steel Grade 304 to avoid rust.
- ★ Flexible, Interchangeable components and a wide range of positioning accessories allows it to be configured individually for separate disciplines. Can also be combined with other operating tables.
- ★ Radiolucent table top material compatible for C-arm.
- ★ In-built Kidney Bridge. (optional)
- ★ Sophisticated mechanics provides smooth step less articulation of the table top for precise patient positioning.
- ★ Negligible maintenance required.
- ★ Base cover Optional Stainless Steel grade 304/fiber.
- ★ Battery Back-up available (Optional).
- ★ Floor Locking System (Electric/Manual).



## Model No. KS-521 EH

### Technical Specification

Length	1900 mm
Width	520 mm
Min. Height	700 mm
Max. Height	1000 mm
Trendelenburg / Reverse Trend.	25°/25°
Flex / Reflex	60°/220°
Lateral Tilt	20°/20°
Longitudinal Slide	300 mm
Head Section Up/Down	90°/90°
Leg Section Up/Down	20°/90°
Weight Capacity	300 Kgs



### SALIENT FEATURE

- ★ Made by Stainless Steel Grade 304 to avoid rust.
- ★ Flexible, Interchangeable components and a wide range of positioning accessories allows it to be configured individually for separate disciplines. Can also be combined with other operating tables.
- ★ Radiolucent table top material compatible for C-arm.
- ★ In-built Kidney Bridge. (optional)
- ★ Sophisticated mechanics provides smooth step less articulation of the table top for precise patient positioning.
- ★ Negligible maintenance required.
- ★ Base cover Optional Stainless Steel grade 304/fiber.
- ★ Battery Back-up available (Optional).
- ★ Table can be operated manually by foot pump with position selector switch.
- ★ Table operated by remote control and foot pump also.
- ★ Table also have 0° position (Optional).



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# ULTRA LOW HEIGHT OPERATING TABLE

**Model No. KS-521 UL**  
**Minimum Height 21 Inch**



## Technical Specification

Length	1900 mm
Width	500 mm
Min. Height	550-600 mm
Max. Height	950-1000 mm
Trendelenburg / Reverse Trend.	25°/25°
Flex / Reflex	100°/230°
Lateral Tilt	20°/20°
Longitudinal Slide	300 mm
Head Section Up/Down	90°/90°
Leg Section Up/Down	20°/90°
Weight Capacity	250 Kgs.
Split Leg	

## SALIENT FEATURE

- ★ Made by Medical Grade Stainless Steel
- ★ Flexible, Interchangeable Components and a wide range of positioning accessories allows it to be configured individually for Separate disciplines. Can also be combined with other operating table.
- ★ Radiolucent table top materials compatible for C-Arm.
- ★ In-built Kidney Bridge.
- ★ Sophisticated mechanics provides smooth steps less articulation of the table top for precious patient positioning.
- ★ Negligible maintenance required.
- ★ Battery Backup (Optional)
- ★ Electric with manual.



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## LOW HEIGHT OPERATING TABLE



**Model No. KS-521 LH**

**Minimum Height 24 Inch**  
**Maximum Height 40 Inch**

### Technical Specification

Electro Mechanical Length	1900-2100mm
Width	500-580mm
Width Extension	Both Side 100mm
Min. Height	570-620mm
Max. Height	1000-1050mm
Trendelenburg /Reverse	15° / 40°
Latreral Tilt	20° / 20°
Head Section up/down	90° / 90°
Leg Section Up/down	20° / 90°
Flex/Reflex	230° / 100°
Split Leg	Optional
Weighting Capacity	300Kg or more
Top Rotation	180° Optional
Battery Backup	3 hrs. or than 3 hrs. Optional
Positioning	Cord less Remote Operating Optional

### 180 Degree Top Rotation



### SALIENT FEATURE

- ★ Made by Medical Grade Stainless Steel (304/316).
- ★ Flexible, Interchangeable Components and a wide range of positioning accessories allows it to be configured individually for Separate disciplines. Can also be combined with other operating table.
- ★ Radiolucent table top materials compatible for C-Arm.
- ★ In-built Kidney Bridge.
- ★ Sophisticated mechanics provides smooth steps less articulation of the table top for precious patient positioning.
- ★ Negligible maintenance required. ★ Battery Backup (Optional). ★ Floor Locking System (Manual / Electric).
- ★ Electric with manual



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# ELECTRICAL & MANUAL C-ARM OPERATING TABLE

**Model No. KS-521 EM**



## Technical Specification

Length	1900 mm
Width	520 mm
Min. Height	700 mm
Max. Height	1000 mm
Trendelenburg / Reverse Trend.	25°/25°
Flex / Reflex	60°/220°
Lateral Tilt	20°/20°
Longitudinal Slide	300 mm <b>Optional</b>
Head Section Up/Down	90°/90°
Leg Section Up/Down	20°/90°
Floor Locking System	Electric/Manual
Weight Capacity	300 Kgs

## SALIENT FEATURE

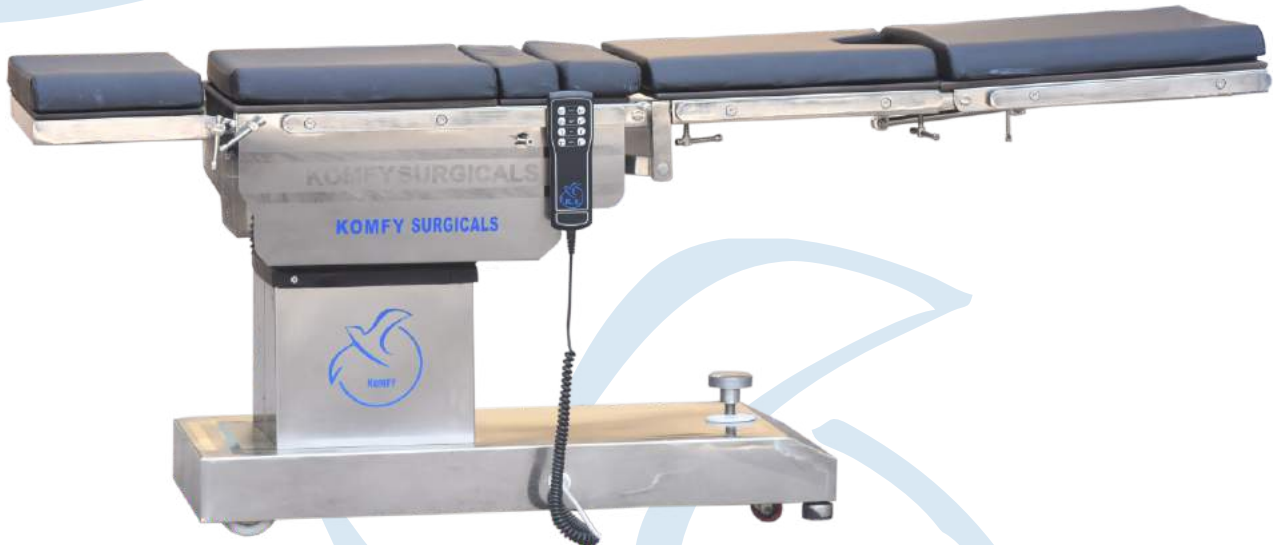
- ★ Made by Stainless Steel Grade 304 to avoid rust.
- ★ Flexible, Interchangeable components and a wide range of positioning accessories allows it to be configured individually for separate disciplines. Can also be combined with other operating tables.
- ★ Radiolucent table top material compatible for C-arm.
- ★ In-built Kidney Bridge.
- ★ Sophisticated mechanics provides smooth step less articulation of the table top for precise patient positioning.
- ★ Negligible maintenance required.
- ★ Base cover Optional Stainless Steel grade 304/fiber.
- ★ Battery Back-up available (Optional).
- ★ Table can be operated by remote or selector switch with Handle.
- ★ Nurse Panel (Optional).
- ★ Electric with manual



**KOMFY SURGICALS**  
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## ELECTRICAL C-ARM OPERATING TABLE

**Model No. KS-521**



### Technical Specification

Length	1900 mm
Width	520 mm
Min. Height	700 mm
Max. Height	1000 mm
Trendelenburg / Reverse Trend.	25°/25°
Flex / Reflex	60°/220°
Lateral Tilt	20°/20°
Head Section Up/Down	90°/90°
Leg Section Up/Down	20°/90°
Weight Capacity	300 Kgs

### SALIENT FEATURE

- ★ Made by Stainless Steel Grade 304 to avoid rust.
- ★ Flexible, Interchangeable components and a wide range of positioning accessories allows it to be configured individually for separate disciplines. Can also be combined with other operating tables.
- ★ Radiolucent table top material compatible for C-arm.
- ★ In-built Kidney Bridge.
- ★ Sophisticated mechanics provides smooth step less articulation of the table top for precise patient positioning.
- ★ Negligible maintenance required.
- ★ Base cover Optional Stainless Steel grade 304/fiber.
- ★ Battery Back-up available (Optional).
- ★ Table top slide 300mm (optional).
- ★ Floor Locking System Electric & Manual (Optional).
- ★ All the positions are controlled by remote.





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# C-ARM COMPATIBLE SEMI-ELECTRIC OPERATING TABLE

**Model No. KS-511 SE**



## Technical Specification

Length	1900 mm
Width	520 mm
Min. Height	700 mm
Max. Height	1000 mm
Trendelenburg / Reverse Trend.	25°/25°
Flex / Reflex	60°/220°
Lateral Tilt	20°/20°
Head Section Up/Down	90°/90°
Leg Section Up/Down	20°/90°
Weight Capacity	250 Kgs

## SALIENT FEATURE

- ★ Made by Stainless Steel Grade 304 to avoid rust.
- ★ Flexible, Interchangeable components and a wide range of positioning accessories allows it to be configured individually for separate disciplines. Can also be combined with other operating tables.
- ★ Radiolucent table top material compatible for C-arm.
- ★ In-built Kidney Bridge.
- ★ Sophisticated mechanics provides smooth step less articulation of the table top for precise patient positioning.
- ★ Negligible maintenance required.
- ★ Base cover Optional Stainless Steel grade 304/fiber.
- ★ Floor Locking Manual.
- ★ Up and down position is controlled by remote & rest of the position by handle.



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# C-ARM COMPATIBLE HYDRUALIC OPERATING TABLE

**Model No. KS-511**



## Technical Specification

Length	1900 mm
Width	520 mm
Min. Height	650-700 mm
Max. Height	950-1000 mm
Trendelenburg / Reverse Trend.	25°/25°
Flex / Reflex	60°/220°
Lateral Tilt	20°/20°
Head Section Up/Down	90°/90°
Leg Section Up/Down	20°/90°
Weight Capacity	250 Kgs

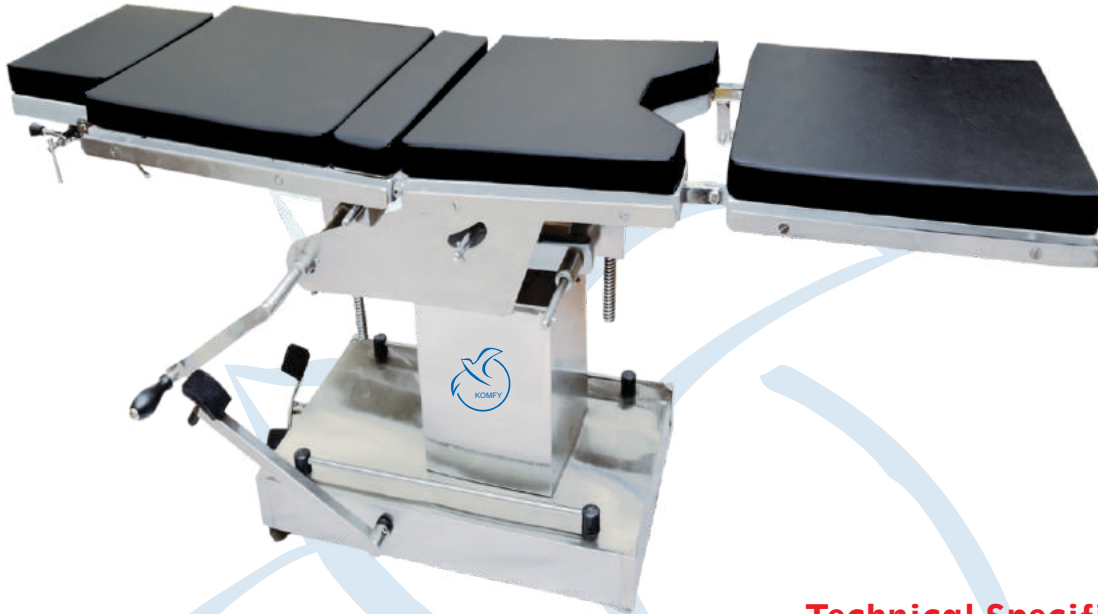
## SALIENT FEATURE

- ★ Made by Stainless Steel Grade 304 to avoid rust.
- ★ Flexible, Interchangeable components and a wide range of positioning accessories allows it to be configured individually for separate disciplines. Can also be combined with other operating tables.
- ★ Radiolucent table top material compatible for C-arm.
- ★ In-built Kidney Bridge.
- ★ Sophisticated mechanics provides smooth step less articulation of the table top for precise patient positioning.
- ★ Negligible maintenance required.
- ★ Base cover Optional Stainless Steel grade 304/fiber.
- ★ Floor Locking Manual.
- ★ Up and down position is controlled by foot pump & rest of the positions by handle.



# HYDRAULIC SURGICAL OPERATING TABLE

Model No. KS-510



## Technical Specification

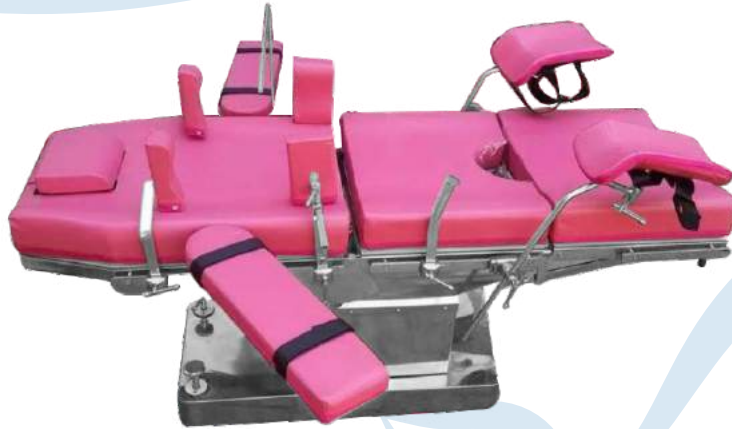
Length	1900 mm
Width	520 mm
Min. Height	700 mm
Max. Height	950 mm
Trendelenburg / Reverse Trend.	25°/25°
Flex / Reflex	60°/220°
Lateral Tilt	20°/20°
Head Section Up/Down	90°/90°
Leg Section Up/Down	20°/90°
Floor Locking System	Manual
Weight Capacity	250 Kgs

## SALIENT FEATURE

- ★ Flexible, Interchangeable components and a wide range of positioning accessories allows it to be configured individually for separate disciplines. Can also be combined with other operating tables.
- ★ In-built Kidney Bridge.
- ★ Sophisticated mechanics provides smooth step less articulation of the table top for precise patient positioning.
- ★ Negligible maintenance required.
- ★ Up and down position is controlled by paddle / remote and rest of the manual.



**LABOUR TABLE**



**Delivery Surgical Table  
KS-510D**

**Technical Specification**

Length	1900 mm
Width	600 mm
Min. Height	700 mm
Max. Height	1000 mm
Trendelenburg / Reverse Trend.	25°/25°
Flex	80°
Leg Section Down	90°

**Features:**

- ★ Made by Stainless Steel Grade 304 to avoid rust.
- ★ Sophisticated mechanics provides smooth step less articulation of the table top for precise patient positioning.
- ★ Negligible maintenance required.
- ★ Base cover Optional Stainless Steel grade 304/fiber.
- ★ Battery Back-up available (Optional).
- ★ Electric / Semi-Electric / Hydraulic available also.



**OPHTHALMIC OPERATION TABLE**



**Model No.  
KS-505**

**Technical Specification**

Length	1900 mm
Width	520 mm
Min. Height	600 mm
Max. Height	900 mm
Trendelenburg / Reverse Trend.	25°/25°
Head Section Height Adjustable	150 mm
Floor Locking System	Manual

**Features:**

- ★ Made by stainless steel Grade 304 to avoid rust.
- ★ Sophisticated mechanics provides smooth step less articulation of the table top for precise patient positioning.
- ★ Negligible maintenance required.
- ★ Motorized table with ophonova head piece and adjustable wrist support (Optional).



- Anesthetic Screen with Clamp
- Padded Arm Board with Clamp
- Padded Side Support with Clamp
- Padded Shoulder Support with Clamp
- Lithotomy Crutches Goepel Type with Steel Clamp
- Handle for Kidney Bridge
- Water Proof Antistatic Rubber Mattress 50 mm



## OPTIONAL ATTACHMENTS

### KNEE ARTHROSCOPY ATTACHMENT



### ORTHOPAEDIC SURGERY ATTACHMENT

- Ortho. Leg Traction Complete Attachment
- Ortho. Hand Traction Device (Optional)
- Hip Nailing Support [inner thigh rest with pad]
- Steinmein Pin Holding Clamp
- Tibia Nailing [L-shaped knee rest with pad]
- Lower Limp Surgery Extention
- Four Post Frame for Spine and Survival Surgery/Spinal Frame
- Radio-Translucent Hand Operating Table (Optional)

### SHOULDER ARTHROSCOPY ATTACHMENT



### NEURO SURGERY ATTACHMENT

- Mayfield 3-Pin Retractor with Head [Prone & Sitting Position]
- Sujita Head Clamp [Prone & Sitting Position / Head Fixator]
- Spinal Bridge
- "M" Type Face Head Rest
- Neuro Attachment for Sitting up Position Head Rest
- Neuro Attachment for Prone Position Head Rest





**5 YEARS UNCONDITIONAL REPLACEMENT WARRANTY FOR LED**

**Full Spectrum Colour Rendition :** Reduce eye strain by making the light do the work instead of the eyes.

**Efficiency and long Life :** The high efficiency achieves more light with less energy.

**Environment Friendly :** LED uses less energy to produced large beam. LED's are mercury free, do not contain harmful chemical.

**Advanced Technology** to achieve depth of illumination, color temperature and color indication index of harmony and unity.

**Imported & high performance LED** and optics for energy saving and superior quality view.

**Special LED** to give out direct illumination for deep cavity operation.

LEDs have many advantages over incandescent light sources, including lower energy consumption, longer lifetime, improved physical robustness, smaller size, and faster switching. They are also significantly more energy efficient and, arguably, have fewer environment concerns linked to their disposal.

### Technical Specification

Intensity	1,00,000 + 1,00,000 Lux
Dome Diameter	400 mm
Depth Illumination	100-150 mm
Colour Temp.	4500-5000K
Colour Rendering Index	95 Ra
Focussing	Auto Focus
LED Average Life	>50000 Hrs
Number's of LED's	12 LED's
Power Supply	220V/50Hz AC
Power	12 Watt

## LUMI Series

**Model No. KS-12**



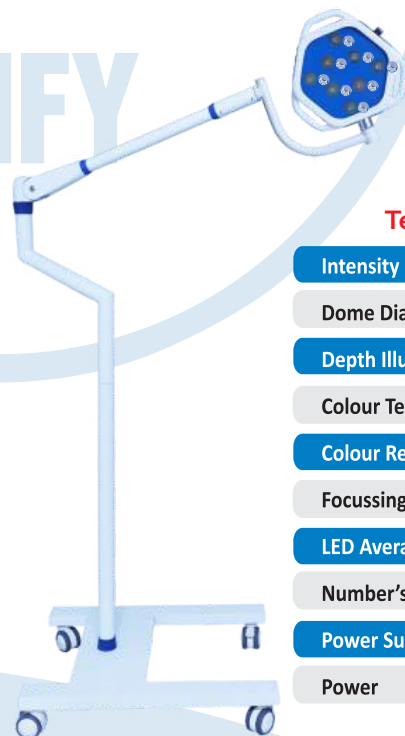
**Model No. KS-04R**



### Technical Specification

Intensity	1,40,000 Lux
Dome Diameter	650 mm
Depth Illumination	100-150 mm
Colour Temp.	4500-5000K
Colour Rendering Index	95 Ra
Focussing	Manual
LED Average Life	>50000 Hrs
Number's of LED's	32 LED's
Power Supply	220V/50Hz AC
Power	32 Watt

**Model No. KS-08**



### Technical Specification

Intensity	80,000 Lux
Dome Diameter	275 mm
Depth Illumination	100-150 mm
Colour Temp.	4500-5000K
Colour Rendering Index	95 Ra
Focussing	Manual
LED Average Life	>50000 Hrs
Number's of LED's	8 LED's
Power Supply	220V/50Hz AC
Power	50 Watt



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# LED OPERATING LIGHT

**5 YEARS UNCONDITIONAL  
 REPLACEMENT WARRANTY FOR LED**

## Technical Specification

Intensity	1,20,000 Lux Each Dome
Dome Diameter	500 mm
Depth Illumination	100-150 mm
Colour Temp.	4500-5000K
Colour Rendering Index	95 Ra
Focussing	Auto Focus
LED Average Life	>50000 Hrs
Number's of LED's	16 LED's
Power Supply	220V/50Hz AC
Power	16 Watt Each Dome

## ELVIN Series

**Model No.  
 KS-16**



**Wireless  
 Remote**

**Model No.  
 KS-16M**



**KOMFY**

**Model No.  
 KS-16+16**





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# LED OPERATING LIGHT

**5 YEARS UNCONDITIONAL  
REPLACEMENT WARRANTY FOR LED**

**ELVIN Series**

## Technical Specification

Intensity	1,60,000 Lux Each Dome
Dome Diameter	550 mm
Depth Illumination	100-150 mm
Colour Temp.	4500-5000K
Colour Rendering Index	95 Ra
Focussing	Auto Focus
LED Average Life	>50000 Hrs
Number's of LED's	24 LED's
Power Supply	220V/50Hz AC
Power	24 Watt Each Dome

**Model No.  
KS-24**



**Model No.  
KS-24M**



**Model No.  
KS-24+24**



**Wireless  
Remote**





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Specially Design for Modular  
Laminar Operation Theater

**Model No.  
KS-32L+32L**



**Model No.  
KS-32+32**



**Model No.  
KS-32**



# LED OPERATING LIGHT

**5 YEARS UNCONDITIONAL  
REPLACEMENT WARRANTY FOR LED**

**ELVIN Series**

## Technical Specification

Intensity	1,80,000 Lux Each Dome
Dome Diameter	550 mm
Depth Illumination	100-150 mm
Colour Temp.	4500-5000K
Colour Rendering Index	95 Ra
Focussing	Auto Focus
LED Average Life	>50000 Hrs
Number's of LED's	32 LED's
Power Supply	220V/50Hz AC
Power	32 Watt Each Dome

**Model No.  
KS-32M**



**Wireless  
Remote**

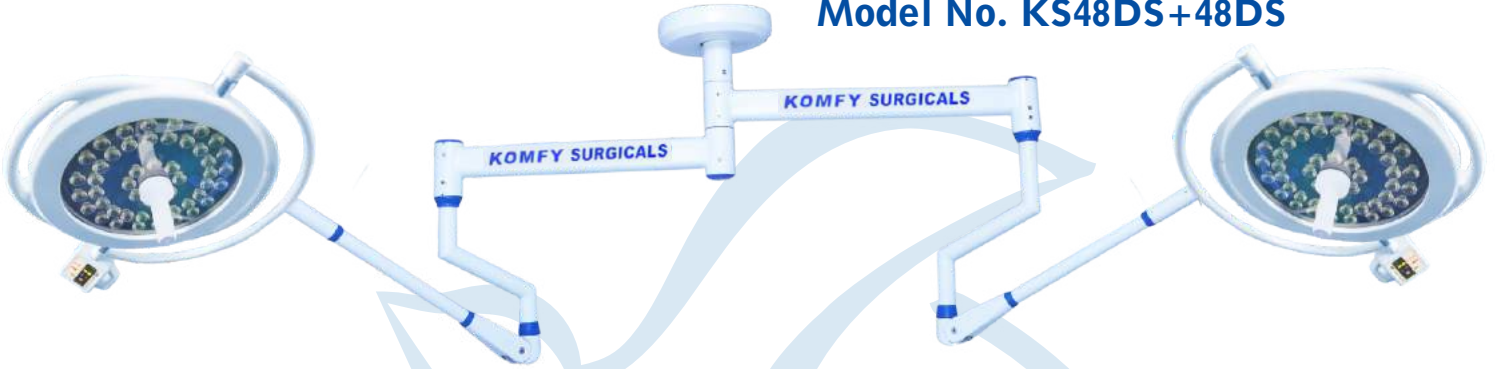


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# LED OPERATING LIGHT

## DIAMOND Series

**Model No. KS48DS+48DS**



**Model No. KS48DS Mobile**



### Technical Specification

Intensity	1,80,000 Lux Each Dome
Dome Diameter	650 mm
Depth Illumination	100-150 mm
Colour Temp.	4500-5500K
Colour Rendering Index	95 Ra
Focussing	Auto Focus
LED Average Life	>50000 Hrs
Number's of LED's	48 LED's
Power Supply	220V/50Hz AC
Power	48 Watt Each Dome

**Model No. KS48DS**





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# LED OPERATING LIGHT

**5 YEARS UNCONDITIONAL REPLACEMENT WARRANTY FOR LED**

**GLIZZ Series**



**Model No. KS-60+60**



**Wireless Remote**

## Technical Specification

Intensity	2,30,000 Lux Each Dome
Dome Diameter	550 mm
Depth Illumination	100-150 mm
Colour Temp.	4500-5000K
Colour Rendering Index	95 Ra
Focussing	Auto Focus
LED Average Life	>50000 Hrs
Number's of LED's	60 LED's
Power Supply	220V/50Hz AC
Power	60 Watt Each Dome



**Model No. KS-60**

## Technical Specification

Intensity	2,00,000 Lux
Dome Diameter	650 mm
Depth Illumination	100-150 mm
Colour Temp.	4500-5000K
Colour Rendering Index	95 Ra
Focussing	Auto Focus
LED Average Life	>50000 Hrs
Number's of LED's	40 LED's
Power Supply	220V/50Hz AC
Power	40 Watt



**Model No. KS-40**



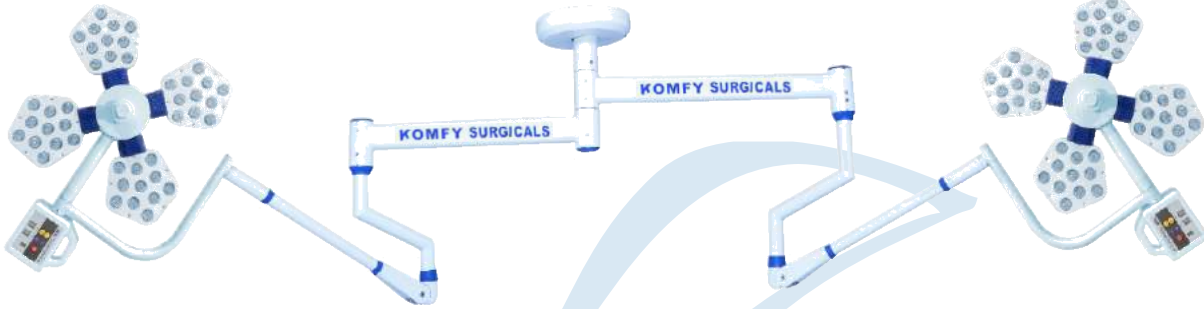
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# LED OPERATING LIGHT

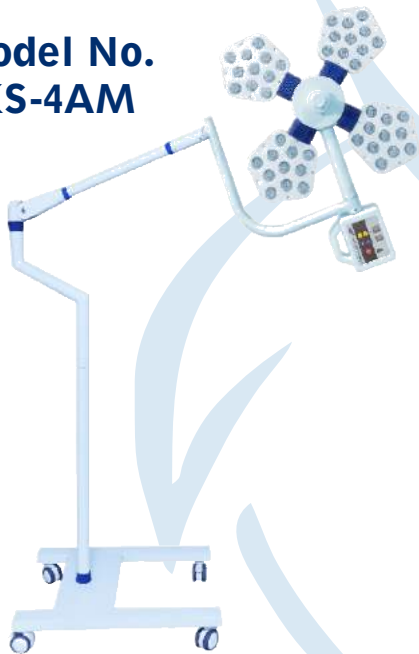
**2 YEARS UNCONDITIONAL  
 REPLACEMENT WARRANTY FOR LED**

**Model No. KS-4A+4A**

**SMECO Series**



**Model No.  
 KS-4AM**



### Technical Specification

Intensity	1,60,000 Lux Each Dome
Dome Diameter	650 mm
Depth Illumination	100-150 mm
Colour Temp.	4500-5000K
Colour Rendering Index	95 Ra
Focussing	Manual
LED Average Life	>50000 Hrs
Number's of LED's	44 LED's
Power Supply	220V/50Hz AC
Power	44 Watt Each Dome

## KOMFY LEO Series

Intensity	1,80,000 Lux (Each Dome)
Dome Diameter	550 MM
Depth Illumination	100 - 150 MM
Colour Temp.	4,500 - 5,000 K
Colour Rendering Index	95-RA
Focussing	Focus Adjustment
LED Average Life	>50,000 Hrs
Number's of LED's	48
Power Supply	220V/50HZ AC
Power	48W Each Dome

**KS -Leo 48+48**





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## Various Model Led Lights

**Model No. KS-3R**  
Lux intensity 1,20,000



**Model No. KS-4R**  
Lux intensity 1,40,000



**Model No. KS-5R**  
Lux intensity 1,60,000



**Model No. KS-6R**  
Lux intensity 1,80,000



**Model No. KS-Hex-48**  
Lux intensity 1,80,000



**Model No. KS-08**  
Lux intensity 80,000



### LED Examination Light

**Model No. KS-D4**  
Lux intensity 1,40,000





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# Anesthesia Work Station



**CFLOW-10C/9C**

## Technical Specification

Model	Cflow-10C	Cflow-9C
Display (Color Touchscreen)	10.1 Inch	9 Inch
Pipeline Supply(0.23~0.6 Mpa)	O2, N2O,Air	O2, N2O,Air*
Patient Type	Adult & Paediatric	
Ventilation mode	VCV, PCV, SIMV-V, SIMV-P, PSV/CPAP ,Manual,ACGO	
Tidal Volume (VT)	20ml~1500ml	
Frequency (f) Frequency SIMV	1~150 bpm 2~150 bpm	
Electronic PEEP	OFF, 3~20 cmH2O	
I: E ratio	9.9:1~1:9.9	
Pressure control	2~60cmH2O	
Pressure support	0-60cmH2O	
Trigger	Flow and Pressure trigger	
Inspiratory time	0.1~ 12S, Inspiratory pause: 0~50%	
Rotary Knob with key pad for simple operation		
Case START/STOP key with timer		



**CFLOW-8C**

## Technical Specifications CFLOW-8C

Pipeline Gas Supply	O2, N2O (0.23 Mpa~0.6 Mpa)
Patient Type	Adult & Paediatric
Modes	VCV,SIMV-VC,Manual,ACGO
Tidal Volume (VT)	50ml - 1500ml
Frequency (f)	1-100 BPM
PEEP	3-20
I:E Ratio	1:9.9 ~ 9.1:1
Monitoring Parameters	Ppeak, Tve, Freq, PEEP,MV,FiO2
Waveforms	P-T,F-T, V-T
Vaporizer	Halothane,Isoflurane,Sevoflorane Pour-fill, Easy-fill,Quick-fill
Alarms	3 Levels Audio visible alarms Vte high/low, MV high/low,Ppeak high/low, PEEPhigh/low,Gas Pressure fail,Freq. high/low, FiO2 high/low, Alarm mute,AC Power fail, Low Battery,Battery Disconnect,O2 sensor open



**CFLOW-5C**

## Technical Specifications CFLOW-5C

Pipeline Gas Supply	O2, N2O (0.23 Mpa~0.6 Mpa)
Tidal Volume (VT)	100ml - 1500ml
Modes	VCV,Manual,ACGO
Frequency (f)	2~60 BPM
I:E Ratio	1:3~3:1
Monitoring Parameters	Ppeak, Tidal Volume, Freq,Airway Pressure
Bar graph	Airway Pressure
Vaporizer	Single Position Mounting: Tool-free installation
Agent type	Halothane, Isoflurane, Sevoflorane
Filling type	Pour-fill, Easy-fill and Quick-fill.
Alarms	Ppeak high/low,Alarm mute, O2 Gas fail, Low Battery,Battery Disconnect



## Model : Pride Classic In-built with Hypo-oxy Guard



### Anesthesia Machines

**Pride**, a Anesthesia Machine with a distinct & extensive flexibility providing highest level of anesthesia delivery.

Pride is designed to meet the growing needs in anesthesia , ensuring quality & high level patient safety with an outstanding features of low flow anesthesia, thereby ensuring cost efficiency, reliability in multi specialty hospitals.

- ▶▶ 3 tube long glass rotameter tube enables low pressure flow.
- ▶▶ With hypoxy guard rotameter ensures the safety with min.(+5%)of oxygen conc. in the gas mixture. (Optional)
- ▶▶ Changeover (open & close) circuit with emergency oxygen flush (35 lpm).
- ▶▶ Provisions for CO2 circle absorber & Tec vaporizers instead of ether & goldmann vaporizer.
- ▶▶ Up gradation to anesthesia ventilator as well.

## Model : Pride



**Spirit** , a medium range anesthesia machine with good quality, high level patient safety and cost effectiveness

- ▶▶ Entire Trolley made of Powder Coated MS.
- ▶▶ Stainless Steel table top Instrument Tray.
- ▶▶ 5" dia Antistatic Wheels with Break System.
- ▶▶ 9" long glass Rotameter tube.
- ▶▶ Ether and Goldmann Vaporizers.
- ▶▶ Pressure Relief cum Non Return Valve.
- ▶▶ 63 mm. Pressure Gauges for high visibility.
- ▶▶ Oxygen locked N2O supply.
- ▶▶ 4 nos. of A type and 2 nos. of B type cylinder attachment provisions.
- ▶▶ Provision for CO2 circle absorber (at extra cost).

Economy

## Model : Spirit Economy



## Model : Spirit



**Spirit Economy**, provides an easy solution for small operation theatres with all standard features of any anesthesia machine and low cost.

- ▶▶ Entire Trolley made of Powder Coated MS.
- ▶▶ Stainless Steel table top Instrument Tray.
- ▶▶ 4" dia Antistatic Wheels with Break System.
- ▶▶ 9" long glass Rotameter tube.
- ▶▶ Ether or Goldmann Vaporizers.
- ▶▶ Pressure Relief cum Non Return Valve 'with emergency Oxygen flush. 50 mm. Pressure Gauges.
- ▶▶ Oxygen locked N2O supply.



## SAMART-4

### MONPOLAR MODE

#### CUT

MODE	PROGRAMS	POWER	LOAD	OPERATING FREQ.
PURE	99	400 W	500 Ω	480 Khz
BLEND 1	99	250 W	500 Ω	480 Khz
BLEND 2	99	200 W	500 Ω	480 Khz
ENDOCUT	99	99 %	500 Ω	480 Khz

#### COAG

MODE	PROGRAMS	POWER	LOAD	OPERATING FREQ.
SPRAY	99	120 W	500 Ω	480 Khz
FULGURATE	99	150 W	500 Ω	480 Khz
DESSICATE	99	150 W	500 Ω	480 Khz

#### BIPOLAR MODE

MODE	PROGRAMS	POWER	LOAD	OPERATING FREQ.
SOFT	99	80 W	300 Ω	480 Khz
FORCE	99	80 W	300 Ω	480 Khz
CUT	99	100 W	300 Ω	480 Khz



## SMART -250

### MONPOLAR MODE

#### CUT

MODE	POWER	LOAD	OPERATING FREQ.
PURE	250 W	500 Ω	480 Khz
BLEND 1	150 W	500 Ω	480 Khz
BLEND 2	100 W	500 Ω	480 Khz

#### COAG

MODE	POWER	LOAD	OPERATING FREQ.
SPRAY	80 W	500 Ω	480 Khz
FULGURATE	100 W	500 Ω	480 Khz
DESICATE	100 W	500 Ω	480 Khz

#### BIPOLAR MODE

MODE	POWER	LOAD	OPERATING FREQ.
SOFT	70 W	300 Ω	480 Khz
FORCE	70 W	300 Ω	480 Khz



## Standard Accesories



Chuck Handle With Electrodes Autoclavable



Bipolar Forcep With Cable Autoclavable



Monopolar / Bipolar Foot Switch



DISPOSABLE HAND SWITCH PENCIL - IMPORTED



Patient Plate with Cord Autoclavable





**MONOSEAL PRIME  
 NEW IMPROVED & SAFE VESSEL  
 SEALING SYSTEMS**

**SAFETY FEATURES**

Protection Class According to EN 60601-1  
 Body Protected and cardiac protected design  
 HF Leakage current < 150mA  
 Patient Plate Monitoring System

Electrosurgical vessel sealing is a specialist system developed by KOMFY SURGICALS for minimal access and open surgery

This technology can facilitate a range of minimal access surgical procedures, helping to meet government objectives of reduced length of stay for patients in hospital. Each of these devices comprises an electrosurgical unit (ESU) with a high power and low voltage bipolar mode and specialist instruments that combine tissue compression with tissue heating to produce haemostasis in arteries, veins or a bundle of tissue.

This is a technology which is different from conventional diathermy and provides a unique combination of pressure and energy to create vessel fusion permanently fuses vessels up to and including 7 mm in diameter and tissue bundles. Without dissection or isolation. An optimized combination of pressure and energy creates the seal by melting the collagen and elastin in the vessel walls and reforming it into a permanent, plastic-like seal and results in virtually no sticking or charring. It does not rely on a proximal thrombus. Feedback-controlled response system automatically discontinues energy delivery when the seal cycle is complete, eliminating the guesswork.

**PRODUCT FEATURES**

**CUT MODE**

**PURE**- A high-frequency alternating current yields smooth, rapid cuts that evoke little to no hemostasis.

**BLEND 1**- preset blended cut modes give the surgeon varying degrees of hemostasis in cut mode.

**BLEND 2**- The mode is used for the vaporization of prostatic tissue or any fat tissue. The higher output wattage gives fast cutting effect of the tissue.

**ENDOCUT**-The mode is used to automatically control cut system to reduce the complication rate of endoscopic sphincterotomy (EST) and serum hyperamylasemia after EST compared to the conventional blended cut mode.

**COAG MODE**

**SPRAY** – spray output is made for direct coagulation at the tissue with spark  
 This spark does not give any cutting effect as its crest factor is high.

**FORCE** – This Mode is a greater degree of homeostasis and covers all demands of standard coagulation. This produce the fine tune waveform that creates superficial resistance in the tissue resulting in superior coagulation where the tissue destroyed by hyper evaporation.

**FULGURATE**- Sparking the tissue to lead to coagulation. There is no tissue-electrode contact; rather, voltage is raised in order to incite a spark between electrodes in order to coagulate the tissue in between.

**DESICCATE**- Coagulation in which the active electrode is in direct contact with the tissue is referred to as desiccation and is the type of coagulation used in most surgeries. It ensures pinpoint desiccation with less destruction of peripheral tissue.

**BIPOLAR MODE**

**BI-COAG**- for highly precise control over coagulation process and privations of carbonization

**BI-CUT**- Bipolar CUT technology lets you nearly eliminate excessive current, even during precision cutting in minute tissue structure.

**AUTO**- coagulation start by pressing the footswitch and stops output and audio signal automatically when the tissue is coagulated.



**SEAL**- This mode provide unique combination of pressure & energy to create vessel fusion, leaving no foreign material behind.

**SPECIFICATION -**

- 99 program modes: User settable program mode.
- Frequency -480 khz (Monopolar)
- Frequency -1Mhz(seal Mode)
- Display- 7 Segment LED
- Weight -7.5 kg. (Apporx)
- Dimension-L 440 (mm) xW355 (mm) xH 155 (mm)
- Input Supply Voltage -230 V(+/-15%) 50khz
- Separates Monopolar& Bipolar/Seal foot-switches

**TECHNICAL SPECIFICATION**

CUT			
MODE	MAX POWER	LOAD	CREAST FACTOR
PURE CUT	400 W	300 Ω	1.5
BLEND 1	250 W	300 Ω	1.5
BLEND 2	200 W	300 Ω	1.5
ENDOCUT	99%	300 Ω	1.5

COAG			
MODE	MAX POWER	LOAD	CREAST FACTOR
SPRAY	120 W	300 Ω	7
FORCE	120 W	300 Ω	6.5
FULGURATE	150 W	300 Ω	6
DESICCATE	150 W	300 Ω	6

BIPOLAR/SEAL			
MODE	MAX POWER	LOAD	CREAST FACTOR
BI-COAG	80 W	100 Ω	1.5
BI-CUT	80 W	100 Ω	1.5
AUTO	100 W	100 Ω	1.5
SEAL	150 W	100 Ω	1.5

**STANDARD ACCESSORIES**





**Vertical High Pressure Auto Clave  
With Auto Cut Off Facility**



SIZE :  
**16X24**

**Vertical High Pressure  
Auto Clave**



SIZE :  
**16X24**

**Vertical Auto Clave**



SIZE :  
**12X22**

**Fumigator**



**Fogger**



**Multi Para Monitor**



**2 Para Monitor**



**SUCTION APPARATUS**

**NEW**



**12 Channel ECG**



**Infusion Pump**



**Syringe Pump**





**KOMFY SURGICALS**  
RISING TECHNOLOGY, DESIGN AND IDEAS

# HOSPITAL FURNITURE

**5 FUNCTION ICU BED**



**3 FUNCTION ICU BED**



**2 FUNCTION FOWLER BED**





**KOMFY SURGICALS**  
RISING TECHNOLOGY, DESIGN AND IDEAS

# HOSPITAL FURNITURE

**SEMI FOWLER BED**



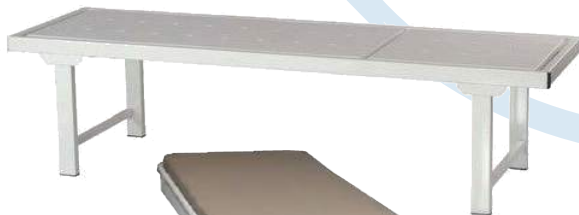
**GENERAL BED**

**DELUXE GENERAL BED**



**ATTENDER BED**

**PEDIATRIC BED**



**DELUX ATTENDER BED**



**KOMFY SURGICALS**  
RISING TECHNOLOGY, DESIGN AND IDEAS

# HOSPITAL FURNITURE

**STRECHER TROLLEY**



**EMERGENCY RECOVERY TROLLEY**



**EXAMINATION TABLE**



**DELUXE EXAMINATION COUCH**



**GYNIC EXAMINATION COUCH**



**TELESCOPIC LABOUR TABLE**





**KOMFY SURGICALS**  
RISING TECHNOLOGY, DESIGN AND IDEAS

# HOSPITAL FURNITURE

**CRASH CART**



**DELUXE CRASH CART**



**LAPAROSCOPY TROLLEY**



**Bed Side Locker**



**DELUXE BED SIDE LOCKER**



**BED SIDE STAND**



**ECG TROLLEY**





**KOMFY SURGICALS**  
RISING TECHNOLOGY, DESIGN AND IDEAS

# HOSPITAL FURNITURE

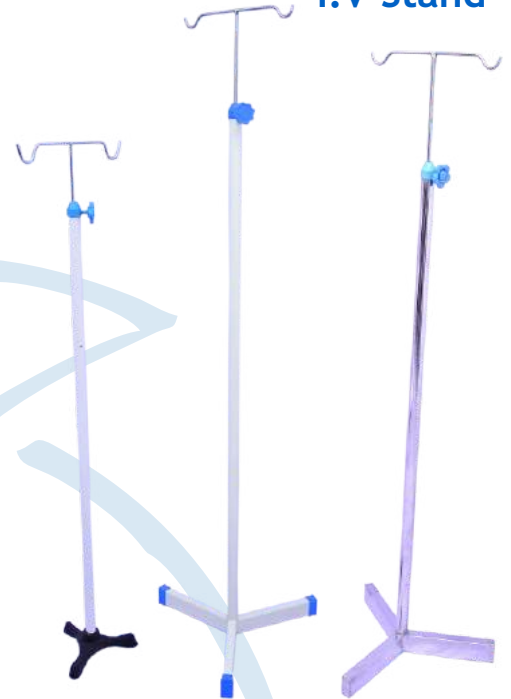
**DRESSING TROLLEY**



**INSTRUMENT TROLLEY**



**I.V Stand**



**OVER BED TROLLEY**



**MAYOS TROLLEY**



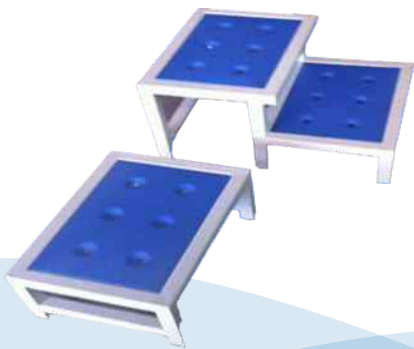
**REVOLVING STOOL SS**



**REVOLVING STOOL SS TOP**



**FOOT STEP**



**BABY RESUSCITATION TROLLEY**



**SS STOOL**



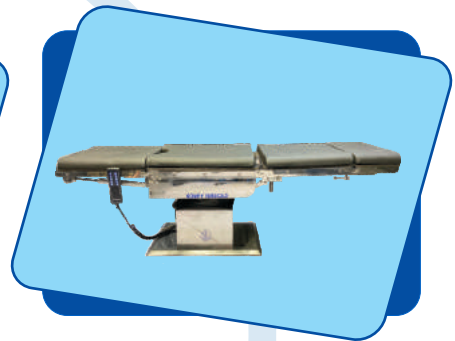
*Join with us Achieve a Milestone*



## **KOMFY SURGICALS**

**RISING TECHNOLOGY, DESIGN AND IDEAS**

**Manufacturer of O.T. Equipments & Hospital Furniture**



## **KOMFY SURGICALS**

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