SIMS
SOFT IMAGING & MEDICAL SOLUTIONS

Exceptional Technology
for Life Care

Why LED?

Light-Emitting Diodes (LEDs)are becoming more common for illumination in energy saving environments. Compared to conventional halogen lamps, LEDs have a wide range of technological, economical and environmental advantage with, low heat generation, minimal power consumption and virtually unlimited life.

The multi-lens matrix arrangement produces powerful and homogeneous light at the surface and in depth, with no stray lights So, the entire surgical, site is clearly visible under homogeneous pattern of illumination of the emitted light, which is a 100% shadow-free light on the surface and in deep cavities with a light intensity up to 160,000 lux and more.

■ Clear tissue visualization : Optimized with LEDs to coves the entire visible color spectrum

■ Excellent low heat management : Prevents tissue dehydration and infection.

Sims Prime (105M LED)   Sims Prime (42R LED)   Sims Prime (48R LED)

Sims Prime (105M LED)	Sims Prime (42R LED)	Sims Prime (48R LED)
Spot Dia 15 -18 cm	Spot Dia 15 -18 cm	Spot Dia 15 -18 cm
Luminous power 1,60,000 Lux (±10%)	Luminous power 1,60,000 Lux (±10%)	Luminous power 1,50,000 Lux (±10%)
Variable Colour Temprature (CRI 72-94%)	Variable Colour Temprature (CRI 72-94%)	Variable Colour Temprature (CRI 72-94%)
Brightness Control	Brightness Control	Brightness Control
Penetration depth 12 inch	Penetration depth 12 inch	Penetration depth 12 inch
Auto Focus	Central Focusing	Auto Focus

Examination Light 7 LED

Modal-ExL-4

This examination light , best suited for all Kind of OPD procedure, and Minor surgical procedures.

Salient Features:
1. It can be wall mounted Or can be pedestal type.
2. Can be mount on Normal I.V. stand.
3. Stand comes with Locking wheels

Technical Specification 12 LED
1. Spot Dia. 15 cm
2. Colot temp. 4700K
3. Intensity at 30 cm 60,000 LUX (±10%)
4. Power 12 watt.
5. Optional battery operated
6. Intensity Control

7 LED Plastics Wali

Technical Specification 7 LED

Intensity	: 25,000 Lux ±10%
Size of Light Field	: 100 mm
Colour Temperature	: 4800 K
Colour Rendering Index	: 93 RA
LED Life	: >50000 Hrs.
Number of LED	: 7
Diameter of Light	: 125 mm
Power Supply	: 220V/50Hz AC

Wall Mounted with Extended Rod   Wall Mounted

Exl. 21 LED
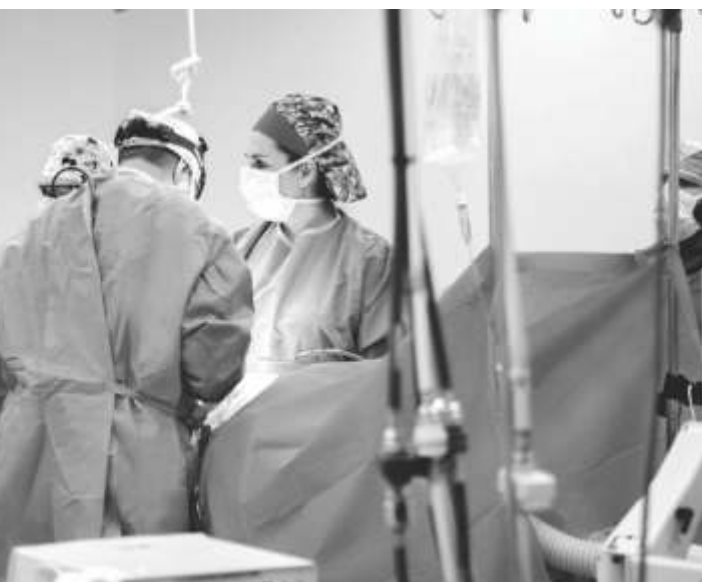
Modal POL-4 specially designed for ,
Minor operation purpuse

Technical specification:-
1. Spot Dia. 15 - 18 cm
2. Luminous power 60,000 Lux (±10%)
3. Color Rendering index (CRI) 92%
4. Power consumption 15 watt
5. Microprocessor controlled intensity (optional)
6. Focusing adjustable
7. Battery backup optional

Imported Head Band
1. With Battery Backup
2. Lux output 80,000 Lux (±10%)
3. Distance of Fuld 30-40cm
4. Adjustable LED

Exceptional Technology
for Life Care

Stable And Reliable
- Large number of LED.
- Superior Shadow Reduction
  The matrix arrangement of optics remove shadow to keep the surgical site clearly illuminated while maintaining a large depth of field

Sims Prima - 21R

Specially designed for minor operation purpose
Technical specification:-
1. Spot Dia. 15 - 18 cm
2. Luminous power 1,00,000 Lux (±10%)
3. Color Rendering index (CRI) 95%
4. Power consumption 60 watt
5. Microprocessor controlled intensity (optional)
6. Focusing adjustable
7. Battery backup optional

All models have:-

1. Depth of field 10 inches

2. Handle type sterilizable

3. LED arrangement MATRIX

4. Color temperature VARIABLE

Sims Prima - 36R

Specially designed for minor or major operation theater

Technical specification:-
1. Spot Dia 15 - 18 cm
2. Luminous power 1,50,000 Lux
3. Color Rendering index (CRI) 95%
4. Microprocessor controlled intensity (optional)
5. Focusing adjustable
6. Battery backup optional
7. Light Column 38 inches
8. Shadow less

Sims Prima Gold 24R

Prima Gold is an absolute product of fines, using the superior " LED Technology" with Reflector Technology

1	Focus	180-230mm
2	Light intensity	80,000 Lux 1,20,000 Lux
3	Light source type	LED (with 50000 hrs life)
4	Lamp housing	Fiber/Aluminium
5	Dome size	700mm
6	Color radiant index	96%
7	Illumination depth	70mm
8	Radiations	Zero IR and Zero UV Radiation
9	Light field adjustment	Freely
10	Color temp:	5000 (10% tolerance)
11	Dome design	Parabolic with aluminium reflector
12	Handle	Sterilizable Handle
13	Light intensity distance	1 meter
14	Light Body Rotate	180 degree around light arm
15	Safety glass	equipped with scratch proof
16	Control	Intensity control
17	Light type	Mobile with Battery Backup
18	Head height	2Mtrs. (max), 1 mtr (min)
19	Straight height	2.23 Mtrs
20	Balance arm rotate	10 degree up & 40 degree down

Optional items
Battery Backup
Extra Bulb
Camera optional

Super Value LED OT Lights (Economical)

Economical range of O.T. Lights, best suited for budget hospital

Sims Prima 48M

1. 48 LED Dome
2. Lux: 1,50,000 (+ - 10%)
3. Central Focusing
4. Focus Point 15cm (Variable)
5. Penetration Depth 8-10 Inches
6. Intensity Controller

Sims Prima 40M
Almunium Body

1. 72 LED Dome
2. Lux: 1,50,000 (+ - 10%)
3. Central Focusing
4. Focus Point 15cm
5. Penetration Depth 8-10 Inches
6. Intensity Controller

In ABS Body

(84M)

In Aluminum Body

Sims Prima - 84M

1. 84 LED Dome
2. Lux: 1,60,000 (+ - 10%)
3. Central Focusing
4. Focus Point 15cm
5. Penetration Depth 8-10 Inches
6. Intensity Controller

(63M)

SIMS Prima 4

(128 LED)

(84 LED)

TECHNICAL SPECIFICATIONS

Light column	42 inch
Color Temp.	VARIABLE OR FIXED
Color rendering Index(CRI)	93%(variable)
Spot Diameter	15 CM TO 27CM
Focusing Type	ELECTRONIC OR VARIABLE
LED arrangement	Matrix Type (for max. shadow reduction)
Color temp. controls	Available with memory function
Shadow reduction per dome	100%
Power supply Type	12 Volt DC
Lamp Housing Type	Heat /fire resistant Fiber
(polymer) or Aluminum (optional)	
Luminous power (At max.)	1,60,000 LUX (1.10%)
Brightness control	2 % to 100%
Depth Of Field	12 - 15 inch (99cm)
Penetration depth	12 inch
Controls	Panel available(Control Panel)
	Remote control (Optional)
Rotations	360 Deg.
Vertical adjustments	55 .5 cm to 67 cm
Sterlizable handle	Available
Safety Glass	Equipped with scratch proof
	safety glass
No. of suspensions	One dome, two dome or Three dome
Quality CERTIFICATE	***CE**

SIMS Prima 4-89
(with 3 wings)

OPTIONAL ITEMS

Camera	Can be mount with Dome or on Extra Arm
Monitor	Can be mount on Extra Arm
Recorder and communication	Can be equipped with Recorder, or with online viewing at remote location
Battery Back up	Can be provided on demand
Mounting type	Pedestal or Ceiling

SIMS

SOFT IMAGING & MEDICAL SOLUTIONS

SIMS Prima 84 R

Optional

• Android Based touch control panel
• Central Focusing
• Bluetooth connectivity
• Wall Mounted KIOSK

TECHNICAL SPECIFICATIONS

Light column	42 inch
Color Temp.	VARIABLE OR FIXED
Color rendering Index(CRI)	93%(variable)
Spot Diameter	15 CM TO 27CM
Focusing Type	ELECTRONIC OR VARIABLE
LED arrangement	Matrix Type (for max. shadow reduction)
Color temp. controls	Available with memory function
Shadow reduction per dome	100%
Power supply Type	12 Volt DC
Lamp Housing Type	Heat /fire resistant Fiber or Aluminum (Optional)

Luminous power (At max.)	2,00,000 LUX (1.10%) Per Dome)
Brightness control	2 % to 100%
Depth Of Field	12 - 15 inch (99cm)
Penetration depth	12 inch
Controls	Panel available(Control Panel) Remote control (Optional)
Rotations	360^0 (Optional)
Vertical adjustments	55 .5 cm to 67 cm
Sterlizable handle	Available
Safety Glass	Equipped with scratch proof safety glass
No. of suspensions	One dome, two dome or Three dome
Quality CERTIFICATE	***CE**

SIMS Prima 72R

TECHNICAL SPECIFICATIONS

Light column	42 inch
Color Temp.	VARIABLE OR FIXED
Color rendering Index(CRI)	93%(variable)
Spot Diameter	15 CM TO 27CM
Focusing Type	ELECTRONIC OR VARIABLE
LED arrangement	Matrix Type (for max. shadow reduction)
Color temp. controls	Available with memory function
Shadow reduction per dome	100%
Power supply Type	12 Volt DC
Lamp Housing Type	Heat /fire resistant Fiber or Aluminum

Luminous power (At max.)	1,80,000 LUX (1.10%)
Brightness control	2 % to 100%
Depth Of Field	12 - 15 inch (99cm)
Penetration depth	12 inch
Controls	Panel available(Control Panel) Remote control (Optional)
Rotations	360 Deg.
Vertical adjustments	55 .5 cm to 67 cm
Sterlizable handle	Available
Safety Glass	Equipped with scratch proof safety glass
No. of suspensions	One dome, two dome or Three dome
Quality CERTIFICATE	***CE**

OPTIONAL ITEMS

Camera	Can be mount with Dome or on Extra Arm
Monitor	Can be mount on Extra arm
Recorder and communication	Can be equipped with Recorder, or with online viewing at remote location
Battery Back up	Can be provided on demand
Mounting type	Pedestal or Ceiling

Camera & Recording System can be attached (optional)
Technical Specification of Camera

Power Supply:	12 Volts DC
Image Sensor:	1/4 and 1/3 (SONY)
Signal Processing:	Digital Signal Processor
AGC/White Balance:	Auto
Min Illumination:	0.5 Lux
Resolution in line:	NTSE: 768(H) x 468(V) PAL; (852)(H) x 582(V) and 1024(H) x 768(V)

High Definition Camera option also available on demand

Stable And Reliable

- Large number of LED.

- Superior Shadow Reduction.
  The matrix arrangement of optics remove shadows to keep the surgical site clearly illuminated while maintaining a large depth of field

LED Spectrum and light temp
Low Irradiance

- LED provides no infrared and UV light

- 41" Column of Light
  Large spot size and depth of field provides a large column of light, decreasing the need to adjust the light during a procedure
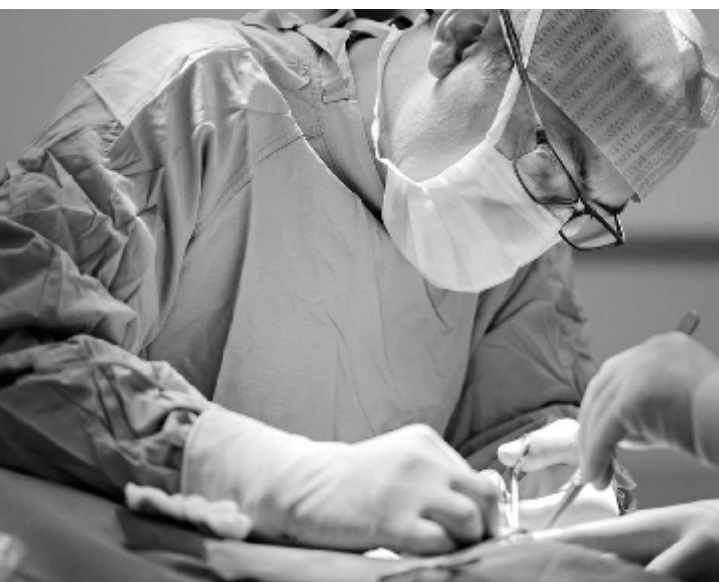
Sims Prima 48

TECHNICAL SPECIFICATIONS

Light column	42 inch
Color Temp.	VARIABLE OR FIXED (Optional)
Color rendering Index(CRI)	>93%(variable)
Spot Diameter	15 CM TO 27CM
Focusing Type	VARIABLE
LED arrangement	Matrix Type (for max. shadow reduction)
Color temp. controls	Available with memory function
Shadow reduction per dome	100%
Power supply Type	12 Volt DC
Lamp Housing Type	Heat /fire resistant Fiber (polymer) or Aluminum (optional)

Luminous power (At max.)	1,60,000 LUX (1.10%)
Brightness control	2 % to 100%
Depth Of Field	34 inch (99cm)
Penetration depth	12 inch
Controls	Panel available
	Remote control (Optional)
Rotations	360 Deg.
Vertical adjustments	55 .5 cm to 67 cm
Sterlizable handle	Available
Safety Glass	Equipped with scratch proof safety glass
No. of suspensions	One dome, two dome or Three dome
Quality Certificate	***CE**

"*Specially designed for high end surgery with complete illumination, at major depth or at region of interest (ROI)*"

Operation Theater Tables

OPERATING C-ARM TABLES (ELECTRIC) OR ELECTRO MECHANICAL

Electrically operated with cable remote. Having all surgical position chair, neuro, spinal, Flex/reflex. trendelenburg/ reverse trendelenburg, lateral, lithotomy position. The eccentrically position table column and inter-changeable head and leg section allow optima use of the C-arm image intensifier. Movement Controlled by the actuators to achieve smooth and without any jerks. The electric system is maintenance free virtually silene, waterproof, shockproof, demands no force to operate and operates with greater strength and smoother operation. Table is mounted on castors wheels with break. Bade and column cover and made of stainless steel for easy cleaning radio translucent top. Stainless steel for easy cleaning Radio translucent top. Stainless steel rails with clamps accept all standard accessories.
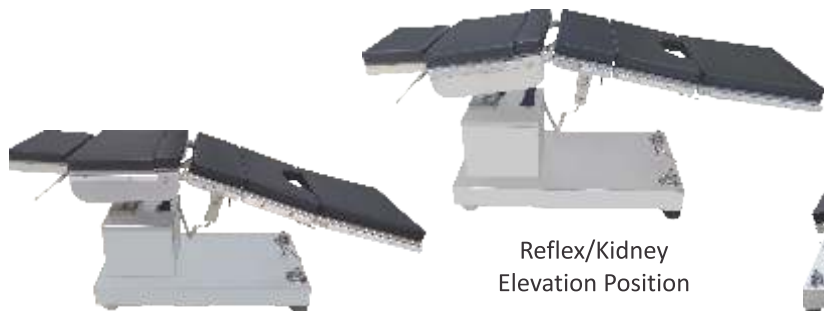
Hydrullic C-Arm Table

Technical Data:
185 L x 50 W x 75 to 95 ht. cm. trendelenburg /reserve 35 deg. Lateral tilt 20 deg. (both side) flex/reflex 220 deg. Standard accessories: anesthetist screen, atm rest with ss top padded lateral support, padded lithotomy crutches, padded shoulder support, rubber mattress

Operating Table Positions

Reverse Trendlenberg/ Trendlenberg Position

Reflex/Kidney Elevation Position

Flex Position

Trendlenberg Position

Chair Position

Orthopaedic Traction Attachment with Various Positions

• Traction Position using Pelvis support in the Middle/Centre with Orthopaedic Traction Shoes.

• Leg Traction using Pelvis support in Extreme Left

• Leg Traction using Pelvis support in Extreme Right

• Femoral Operating Position in Lateral Position using Inner Thigh Support for Lateral Support

Hydraulic Operation Theater Table (Side End Control)

Hydraulic operation table side end control. Facilitates almost all the purpose and requirements of major/minor surgical exercise and procedures. Five sectional table top allows the surgeon to occupy and move to all required & desired positions. Single action hydraulic mechanism foot operated. Heavy base stainless steel covered with foot locking

Technical Data : 185 L x 50W x 75 to 95 ht. cm. trendelenburg/ reverse 35 deg. Lateral tilt 20 deg. (birth side) flex/reflex 220 deg. Standard accessories: anesthetist screen, arm rest with ss top padded lateral support, padded lithotomy crutches, padded shoulder support, rubber mattress 330

Technical Data : 185 L x 50W x 75 to 95 ht. cm. trendelenburg/ reverse 35 deg. Lateral tilt 20 deg. (birth side) flex/reflex 220 deg. Standard accessories: anesthetist screen, arm rest with ss top padded lateral support, padded lithotomy crutches, padded shoulder support, rubber mattress

Mortuary Chamber

General/Delivery Table

OUR OTHER PRODUCT RANGE

- Digital video Colposcope
- LED Phototherapy
- Infant Warmer
- Electro Surgical Cautry

- Co₂ Insufflator
- Flexible Endoscopes
- Laparoscopy HD set
- Medical Furniture

and many more....

Digital Video Colposcope

Application : Due To Deep focal length you can Diagnose, Erosion , CIN, Cancer With Video and image that provide natural c=Colour of the tissue . Moreover to differentiate between epithelial abnormalities and carcinomas & for continuous monitoring of cervical changes to study cytology and to provide proper treatment Gynaecologist needs a reliable and affordable Colposcope.

Technical Specifications

- It have full HD 1920 x 1080 resolutions.
- Aspect ratio of 16:9 (HD)
- Digital matrix processor.
- Have corner to corner uniform brightness.
- Inbuilt footswitch in the output cable.
- Have magnification from min.1x to 52 x
- Focal distance 145-510mm.
- Field of view 10-120mm
- Depth of view -5-210mm.
- Working distance: 200-300mm
- Have minimum 18MP
- Resolution >1200 lines (Std.).
- It have 3-video output :DVI – 1920 X 1080 S-Video, Composite video
- It have high MCD super bright white LED light source.

- Color temperature> 7000° K
- Facility for fast focusing, zooming, image freeze using thumb on the hand held unit itself.
- Acetic test timer and magnification indicator available.
- Soft touch and water proof Control panel.
- Fast auto /manual focusing available.
- Image freeze function.
- Equipped with Gamma Processor.
- Remote control facility.
- Foot switch to save the pictures.
- It have facility to generate cryo-surgery report.
- Intensity control is there.

Image Management Software

- Facility to masking, marking and highlighting of any abnormalities.
- Have facility to generate report of sexual abuse cases.
- Image capturing while recording/playing.
- Final reports with one, two, three & four images.
- 500 pictures can be saved for single colposcopy in software & have 500 reference pictures.
- Have referral linked images with findings for comparison.
- Facility to save & send the report through e-mail in pdf format.
- Facility of colposcopy assisted dynamic cases.
- Facility to take colposcopy images with the colposcopy report on hard copy.
- Facility to store still images, cine loop or procedure on CD.
- Imaging software package compatible with both desktop & laptop.
- Online support facility (through internet) for software of the system.
- The software shall have facility for future upgradeability.

DEDICATED COLPOSCOPY SOFTWARE
- With inbuilt Colposcopy Atlas
- With inbuilt dedicated report patterns
- Biopsy Marking
- Lesion Measurement
- Comparison Mode with Database & Add to library feature
- Timer display
- E-Flip, Mirror Image

OPTIONAL ITEMS	ACCESSORIES WITH MACHINE
• Computer	Colposcopy Software
• Color Monitor	Foot switch (optional)
• Inkjet printer	Video cables
• Foot switch	Installation / operation manual

Portable full HD laparoscopy set

Camera
- FHD 1920x1080P
- 2.8 SONY COMS
- Anti-HF interference
- Waterproof IPX7
- USB recording
- PUSH AWB

Monitor
- 15.6 inch HD monitor
- IPS Full view 178°
- Brightness 450CD/M²
- Display Colors16.2M
- Not flashing
- Filter blue light

LED
- Power 80W LED
- American lamp
- 5700K-6500K
- CRI☐90
- Illumination ≥2M Lus
- LED Life 60000h

Full HD Laparoscopy Camera with Recorder

Full HD Camera

LED Light SourceDigital

- FHD 1920 x 1080P
- 2.8MP SONY COMS Cemera
- Anti-HF /nterference
- Waterproof IPX7
- USB recording
- PUSH AWB

LAPAROSCOPY COMPLETE SET

Digital Cautery 400 watt Non Programmable

programmable

Vessal Sealer

Analog Cautery

Co2 insufflator

OUR PROFILE

We as "SOFT IMAGING & MEDICAL SOLUTION" Engaged in manufacturing & Export of LED OT LIGHTS, O.T Tables, LED Phototherapy, Video colposcope etc., with No. of variants that can suit every Budget, Nursing home, a big "SUPER SPECIALITY HOSPITALS".

Since our establishment in year 2005 with a focus to be a global supplier we have introduced a large number of Medical products with best quality and at very affordable prices. Thus the company is continuously achieving new heights everyday with out increasing satisfied customer at national & international level.

Our channel partners in India and across the globe are our extended arms & believes on same policy that "Quality of Service would speak for us". Thus great emphasis has been laid to achieve this goal and to prove our vision "To emerge as a complete medical solution provider from India".

SIMS
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