Bowin

Improvement For Medical Innovations

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OPERATION LAMP

OPERATION TABLE

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Delux®

LED Surgical Lamp

DELUX7575

MODEL	DELUX7500, 7500M,7500W	DELUX5500, 5500M,5500W	DELUX7575	DELUX7555	DELUX5555
Luminance (Lux)	160000	120000	160000 Each	160000+120000	120000 Each
Diameter of Light Head (CM)	75	55	75 Each	75+55	55 Each
Color Temperature (K)	3800/4400/5000	3800/4400/5000	3800/4400/5000	3800/4400/5000	3800/4400/5000
Color Render Index (Ra)	97	97	97	97	97
Red Color Index (R9)	95	95	95	95	95
Illumination Depth (CM)	120	145	120 Each	120+145	145 Each
Illumination Compensation	Available	Available	Available	Available	Available
Motorized Electrical Focusing	Available	Available	Available	Available	Available
Ambient Light Mode	Available	Available	Available	Available	Available
Light Field Diameter (CM)	12-35	12-35	12-35	12-35	12-35
Working Distance (CM)	50-180	50-180	50-180	50-180	50-180
Buld Service Life (H)	＞50000	＞50000	＞50000	＞50000	＞50000

Cutting Edge Optical Technology by Unique Multi-faced Reflectors

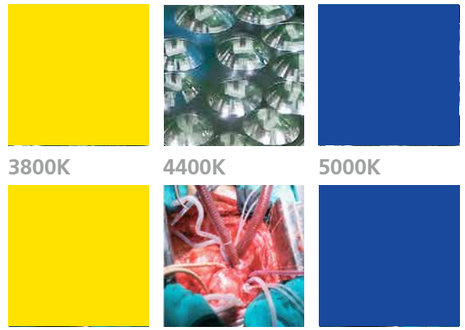
The one make Delux® so outstanding is the particular reflection parts with brand-new LED elements which result to high performance of light resource.The light of each “Bowl”is combined in a perfect way into the surgical field, therefore color shadow and contour shadow are no longer emerge.

Excellent Performance of Laminar Flow

Inspired by the principal of “BIONICOS”, the light dome unique designed to match the Laminar Flow request in operation room.

Color Temperature Adjustment in THREE Grades

Flexible permit to choose different color temperature effect according to the wide range tissue types; wound position texture; doctor’s prefer etc. Moreover, it also support to less visual fatigue from long time operation for doctor’s comfort.



Illumination Compensation

FOUR high sensitivity sensors are installed for illumination compensation. Once the sensor detect barriers shade within the facular area, LED bulbs in rest area will automatically enhance the illumination to balance the facular area to be the initial setting. This function can be switched by the touch screen.

Motorized Electrical Focusing System by Double Control

Deviate from optional facular adjustment, the lamp creates a focusing structure inside the dome which is motorized driving by handle. This function can be also valid from operate the touch screen.

Contemporary Mainstream
5 Inches High Resolution Colorful Touch Screen

- Light Intensity Control
- Ambient Lighting Mode for Endoscopy & Laparoscopy Illumination Requirement
- Color Temperature Adjustment Function
- Illumination Compensation Validation
- Electrical Focusing System Control
- Camera System Control (optional)

SD & HD Visualization System are flexible optional installed to different situation of the operation room. (Camera, Monitor)

Wall Type
Delux7500W

Mobile Type
Delux7500M

Backup Battery(optional)

LEDtech®
LED Surgical Lamp

LEDtech7050

MODEL	LEDtech7000, 7000M,7000W	LEDtech5000, 5000M,5000W	LEDtech7070	LEDtech7050	LEDtech5050
Luminance (Lux)	160000	120000	160000 Each	160000+120000	120000 Each
Diameter of Light Head (CM)	70	50	70 Each	70+50	50 Each
Number of Bulbs	108	54	108 Each	108+54	54 Each
Color Temperature (K)	4300	4300	4300	4300	4300
Color Render Index (Ra)	95	95	95	95	95
Red Color Index (R9)	94	94	94	94	94
Illumination Depth (CM)	110	140	110 Each	110+140	140 Each
Light Field Diameter (CM)	12-35	12-35	12-35	12-35	12-35
Working Distance (CM)	50-180	50-180	50-180	50-180	50-180
Buld Service Life (H)	＞50000	＞50000	＞50000	＞50000	＞50000

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Technical Feature

- Unique Multi-faced Reflection technology ensure high performance of illumination within the light field
- 4300K color temperature in accordance with sun light which request by operation
- Good Laminar Flow design for surgeon's comfort
- High CRI performance reduce eye fatigue of long term operation
- MIS Mode for ambient light
- Advanced heat management system offer real cool light
- Germany LED resource offer long life >50000H

Wall Type
LEDtech7000M

Mobile Type
LEDtech7000W

LEDtech®
LED Exam Lamp

Ceiling Type
LEDtech3000

Wall Type
LEDtech3000W

Mobile Type
LEDtech3000M

Technical Feature

· Dexterous and Ideal For Use

Three-join arm design, obey ergonomics, suitable for using in Outpatient Departments, Examination Room, Dental and Oral Clinics.

· Paticular Optics Array

7 groups multiple-facet refelector, use Germany made LED bulb, to offer much better focusing, luninance and shadowless efficiency.

· Excellent Cold and Natual Light

Based on patented technology on temperature controling, CRI and color temperature
adjusting, assurethe most comfortable using, feeling for operator and patient both and meet the
high standard examination request.

· Optimized Illumination Controling

Dimming adjustable by 9 steps to satisfy different examinations and departments.

· More Environment Friendly

MODEL	LEDtech3000,3000M,3000W
Luminance (Lux)	60000
Dianeter of Light Head (CM)	30
Number of Bulbs	21
Color Temperature (K)	4300
Color Render Index (Ra)	95
Red Color Index (R9)	94
Focusing Depth (CM)	140
Light Field Diameter (CM)	18
Luminance Adjust	9 Steps,10%-100%
Buld Service Life (H)	＞50000

REFtech®
Halogen Lamp

Ceiling Type
REFtech6050

Wall Type
REFtech6000W

Mobile Type
REFtech6000M

Technical Feature

- Good performance of heat management system ensure the temperature increase less than 2 degree upon surgeon's head
- Excellent stream-line design of light dome support the request of laminar flow system
- Unique parameter of color temperature and CRI make sure the facular feeling close to the sun light which extremely health to the surgern's eyes
- Two halogen bulb installed in for automatic change within 0.1 second once the main bulb out of service

MODEL	REFtech5000, 5000M,5000W	REFtech6000, 6000M,6000W	REFtech6060	REFtech6050	REFtech5050
Luminance (Lux)	100000	160000	160000+160000	160000+100000	100000+100000
Color Temperature (K)	4300	4300	4300	4300	4300
Color Render Index (Ra)	95	95	95	95	95
Color Render Index (R9)	90	90	90	90	90
Temperature Increase	⩽2 C	⩽2 C	⩽2 C	⩽2 C	⩽2 C
Light Field Diameter (CM)	12-35	12-35	12-35	12-35	12-35
Focusing Depth (CM)	80	80	80	80	80
Working Distance (CM)	50-180	50-180	50-180	50-180	50-180
Total Power Consumpion (W)	200	200	200+200	200+200	200+200
Light Rescurce (W)	24V/150W	24V/150W	24V/150W	24V/150W	24V/150W
Buld Service Life (H)	1000	1000	1000	1000	1000

BW-100

Mechanical Hydraulic Operation Table

Technical Feature

- Stainless Steel Structure with Ordinary Spone Foam Mattress
- Five Section Body Layout for Multiple Surgical Position Request
- Reliable Hydraulic System with Smoth Movement & Silent Lifting
- Double-Countertops Applicable with Both X-Ray and C-Arm
- Individual Kidney Bridge Elevation System

Standard Accessories	
Matress Pad	1 set
Arm Support	1 pair
Shoulder Support	1 pair
Waist Support	1 pair
Leg Support	1 pair
Anaeshesia Frame	1 set

Main performance and parameter			
Table Length	2050	Back Plate UP/Down:	+75°/-5°
Table Width	480	Leg Plate Down:	-85°
Height Adjustment:	750-950mm	Split Leg Plate:	90°(Each)
Trendelenburg/Rev-Trend	20°/20°	Upper Convex Angle:	⩾135°
Tilt Left/Right:	+20°/-20°	Kidney Bridge Elevation:	100mm
Head Rest Up/Down:	+30°/-90°	Loading Capacity:	200Kgs

BW-300

Electrical Operation Table

Technical Feature

- Stainless Steel Structure with Slow Rebound Latex Foam Mattres
- Five Section Body Layout for Multiple Surgical Position Request
- Reliable 6-movements Electrical Controling System with Smoth Movement & Silent Lifting
- 350mm Table Top Sliding Applicable with Both X-Ray and C-Arm
- Individual Kidney Bridge Elevation System
- Build-in Backup Battery

Standard Accessories	
Matress Pad	1 set
Cable Controller	1 set
Arm Support	1 pair
Shoulder Support	1 pair
Body Support	1 pair
Leg Support	1 pair
Anaeshesia Frame	1 set

Main performance and parameter			
Table Length/Width:	2070/550mm	Head Rest Up/Down:	+45°/-90°
Height Adjustment:	700-1000mm	Back Plate UP/Down:	+75°/-20°
Reversed Trendelenburg:	25°	Leg Plate Up/Down:	+15°/-90°
Trendelenburg:	25°	Split Leg Plate:	90°(Each)
Tilt Left/Right:	+15°/15°	Kidney Bridge Elevation:	120mm
Horizontal Sliding:	350mm	Backup Battery	Included
Loading Capacity:	250Kgs	Power Supply:	100-240V/50-60Hz

BW-400

Electrical Operation Table

Technical Feature

- Stainless Steel Structure with Slow Rebound Latex Foam Mattres
- Five Section Body Layout for Multiple Surgical Position Request
- Reliable 6-movements Electrical Controller by imported LINAK motor system
- 350mm Table Top Sliding Applicable with Both X-Ray and C-Arm
- Individual Kidney Bridge Elevation System
- Built-in Backup Battery
- Gas spring leg plant adjustment
- Double Controling System one remote controlor and one in table column with One-Key Zero function

Standard Accessories	
Matress Pad	1 set
Arm Support	1 pair
Shoulder Support	1 pair
Body Support	1 pair
Leg Support	1 pair
Knee Crutch	1 pair
Anaeshesia Frame	1 set

Main Performance & Parameter			
TTable Length/Width:	2000/520mm	Head Rest Up/Down:	+40°/-90°
Height Adjustment:	750-1000mm	Back Plate UP/Down:	+70°/-15°
Reversed Trendelenburg:	18°	Leg Plate Up/Down:	+15°/-90°
Trendelenburg:	18°	Split Leg Plate:	90°(Each)
Tilt Left/Right:	+15°/15°	Kidney Bridge Elevation:	100mm
Horizontal Sliding:	350mm	Backup Battery	Included
Loading Capacity:	250Kgs	Power Supply:	100-240V/50-60Hz

BW-600

Electrical Hydraulic Operation Table

Technical Feature

· Stainless Steel Structure with Slow Rebound Latex Foam Mattress
· Five-section Body Layout for Multiple Surgical Position Requested
· Reliable Electro-Hydraulic System with Smooth Movement & Silent Lifting
· 350mm Countertops Sliding Applicable with Both X-ray Machine and C-Arm
· Individual Kidney Bridge Elevation System
· Build-in Backup Battery (Optional)
· Zero Function for One Button Reset (Optional)

Standard Accessories	
Mattress Pad	1 set
Leg Support	1 pair
Arm Support	1 pair
Shoulder Support	1 pair
Anaesthesia Frame	1 set

Main Performance & Parameter			
Table Length/Width:	1970/500mm	Back Plate Up/Down:	+90°/-45°
Height Adjustment:	690~1100mm	Leg Plate Up/Down:	+15°/-90°
Reversed Trendelenburg:	+30°/-30°	Split Leg Plate:	90° (Each)
Trendelenburg:	+30°/-30°	Horizontal Sliding:	350mm
Tilt Left/Right:	+18°/-18°	Kidney Bridge Elevation:	120mm (Optional)
Head Rest Up/Down:	+60°/-90°	Loading Capacity:	250Kgs

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BW-700

INTEGRATED ELECTRICAL
SURGICAL TABLE

Standard Accessories	
Anesthesia Frame with IV Pole	1 pc
Arm Support	1 pair
Shoulder Support	1 pair
Lateral Support	1 pair
Leg Support	1 pair
Foot Plate	1 pair

Main Performance & Parameter			
Length	2030mm	Back Plate Up	70°
Width (Without Side-Rail)	600mm (555mm)	Back Plate Down	25°
Head Plate	300mm	Trendelenburg	25°
Back Plate	380mm	Reversed Trendelenburg	25°
Seat Plate	540mm	Tilt	25°
Leg Plate	580mm	Leg Plate Electrical Adjustment	+15/-90°
Base Size	1030x650x200mm	Split Leg Plate	200°
Medical Wheel Diameter	125mm	Head Plate Adjustment	+40/-90°
Height Adjustment	700-1000mm	Net Weight Overall	320 kg
Kidney Lifting	120mm	Max Loading under Sliding Process	200 kg
Horizontal Sliding	350mm	Max Loading	300 kg
Voltage	220V/50Hz;110V/60Hz	Backup Battery	180 movements

Double joint adjustment of head plate
for patient comfort

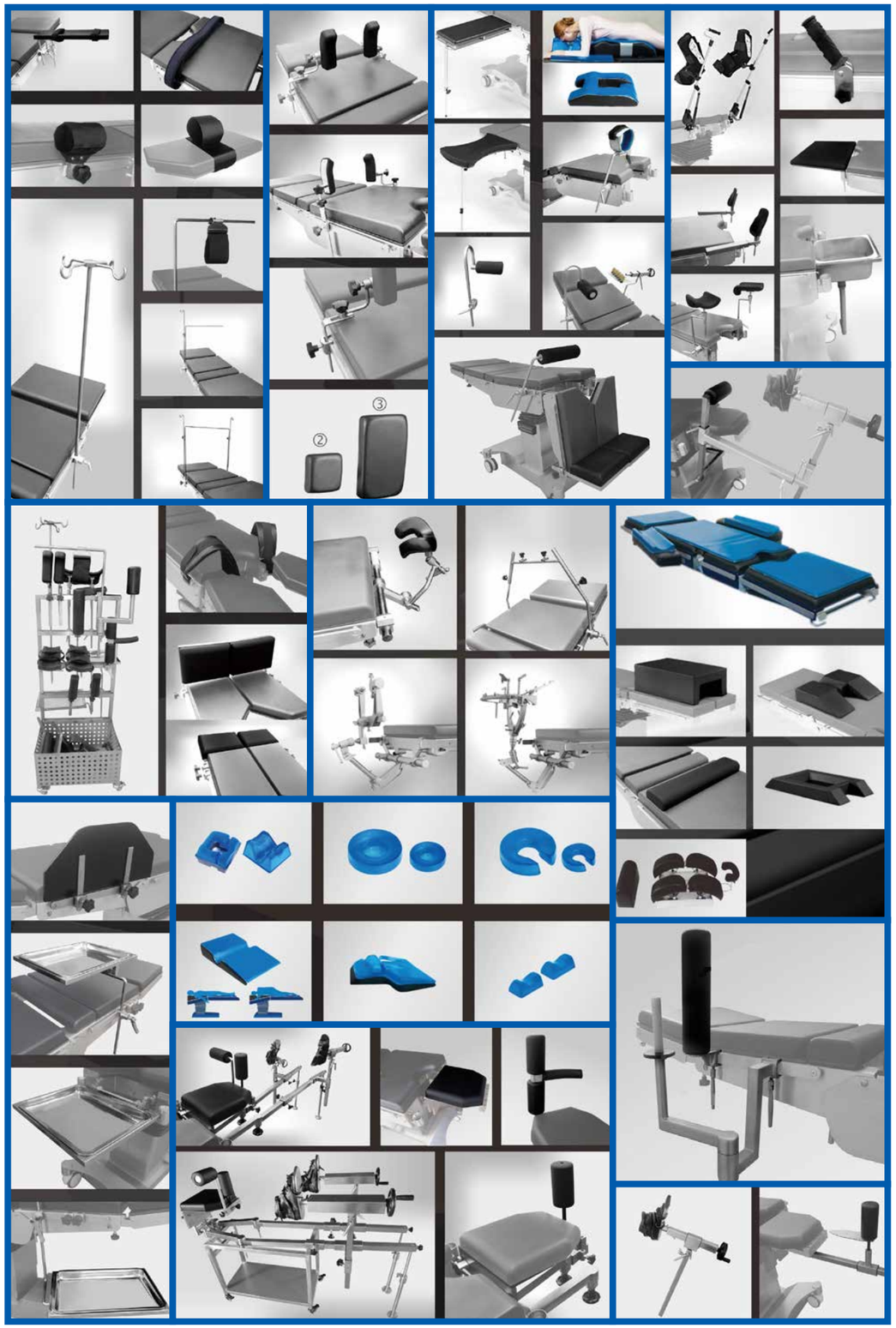
Handle control Kidney Lifting
function upto 120mm

Standard double controller
- backlit display indicate current status information
- “Zero” function: One click reset the body status
- “Auto Lock”: eliminate risks from wrong operation

Integrated electrical system
makes the leg plate electrical
adjusted by double controller

Stainless Steel inlay plate
Four castors in diameter 125mm medical grade;
Two of them with lock pedals

OPTIONAL ACCESSORY



BW-30

Mechanical Gynecology & Delivery Table

Technical Feature

- Multipurpose Ob/Gyn Table to be used in general delivery, caesarean section, gynecology examination
- High density seamless sponge mattress
- Foot step hydrailic elevating,imported durable Y type sealing ring
- Rotary brake device easy for moving
- Removable stainless steel waste basin

Standard Accessories	
Arm Support	1 pair
Leg Support	1 pair
Hand Grip	1 pair
Waste Basin	1 set

Main Performance & Parameter			
Table Length:	1900mm	Height Adjustment:	700-900mm
Table Width:	600mm	Back Plate Up/Down:	+50°/-3°
Reversed Trendelenburg:	⩾20°	Split Leg Plate:	90° Each
Trendelenburg:	⩾10°	Loading Capacity:	200Kgs

BW-50

Electric Gynecology Table

Technical Feature

- Multipurpose Ob/Gyn Table to be used in general delivery, caesarean section,gynecology examination
- High density seamless sponge mattress
- Double controling system with both remote controlor and food pedal
- Rotary brake device easy for moving
- Removable waste basin with flitting membrane

Standard Accessories	
Arm Support	1 pair
Leg Support	1 pair
Hand Grip	1 pair
Waste Basin	1 set

Main Performance & Parameter			
Table Length:	1780mm	Height Adjustment:	680-880mm
Table Width:	600mm	Back Plate Up/Down:	+45°/-10°
Reversed Trendelenburg:	⩾8°	Power Supply:	100-240V/50-60Hz
Trendelenburg:	⩾20°	Loading Capacity:	200Kgs

LED

Medical Film Viewer

LEDVIEW-360

LEDVIEW-740

Technical Feature

- High-tech display system make sure the illumination of the film viewer symmetrical and high brightness.The technology show the details of X-Ray which increase the accuracy of diagnosis
- The brightness reach 4000CD/M2 Maximum and meet the requirement of X-Ray films with differenct density.
- Ultra-thin design: A streamline shape & Ultra-thin design make the film viewer morden with brief style. The thinkness of the film viewer is only 4.5cm
- Auto Switch: The screen is automatic turn on once the film insert in and shut down in the meantime of film pulled out
- High Luminance LED Backside Layout
- Adaptor Intergrated

LED Medical Film Viewer	LEDVIEW-360	LEDVIEW-740	LEDVIEW-1120	LEDVIEW-1500
Viewable Size W × H(mm)	360×440	740×440	1120×440	1500×440
Thickness (mm)	45	45	45	45
Brightness	>2200CD/M2 (Optional for High Luminance: 4000CD/M2)			
Color Temperture	9300K	9300K	9300K	9300K
LED Life	100000 Hours	100000 Hours	100000 Hours	100000 Hours
Luminance Uniformity	>90%	>90%	>90%	>90%
Install Way	Wall/Stand	Wall	Wall	Wall
Power Consuption	50W	100W	150W	200W
Power Supply	220V 50Hz/120V 60Hz			