

Operating room solutions



RC: 3529283

PAC MEDICAL SOLUTIONS®

PAC MEDICAL SOLUTIONS LIMITED

HEAD OFFICE:

No 2, Igbogila Villa, Isolo, Lagos State. Sales department

BRANCH OFFICE

St. Fidelis Plaza, 117 Onitsha Road Akwakuma, Owerri North L.G.A, Imo State

Tel: +234 809 0687 65176,

E-mail: pacmedicalsenterprise@gmail.com

www.pacmedicalsolutions.com

LED Shadowless Operating Lamp	Operation Table	Medical Pendant
Bed Head Unit	Hospital Bed	Oxygen Bag
		Portable Oxygen Concentrator
UV Sterilizer Lamp	Vertical Steam Sterilizer	Be4es
Patient Monitor	Electrosurgical Unit	Fingertip Pulse Oximeter
Volumetric Infusion Pump	ICU Ventilator	Anesthesia Machine
Defibrillator	Monitor	Channel digital electrocardiograph
Digital Mobile X-ray Machine	Professional Medical	Color Doppler Ultrasound
Animal B Ultrasound	Medical Ultrasound	Pneumatic Tourniquet
	Nursing Constant Temperature Bed	

INTRODUCTION

PAC MEDICAL SOLUTION LTD. PROFFERS SOLUTION IN: Biomedical Engineering, Health Service And General Medical Equipment and Laboratory Merchandise.

Our Service and Distribution Outlet across Nigeria and west Africa Has Made Our Products and Service to be reckoned as outstanding among our equals in the medical industry.

This is What we Assure you: 1) Quality Products And Service At A Lowest Premium Total Buying Cost. 2) 18 - 24 months warranty/return policy on each of our product and Service with on site/ on line Engr ready for deploy 24hrs for support. 3) we take sole responsibility for the maintenance of all our product supplied via a complimentary free life time after sales and extendable onsite and online technical support to enable our customers have the best experience of each product supplied by Us.

CONTENTS

LEDShadowless Operating Lamp	Page 1-64
Operation Table	Page 65-84
Medical Pendant	Page 85-112
Bed Head Unit	Page 113-114
Patient Monitor	Page 115
Electrosurgical Unit	Page 116
Fingertip Pulse Oximeter	Page 117-118
Volumetric Infusion Pump	Page 119-120
Pneumatic Tourniquet	Page 121-122
Patient Bed	Page 123-138
Oxygen Breathing Bag	Page 139-140
Portable oxygen concentrator	Page 141-142
UV Sterilization Truck	Page 143-144
Vertical Steam Sterilizer-Series	Page 145-146
ICU Ventilator	Page 147-148
Defibrillator Monitor	Page 149-150
Channel digital electrocardiograph	Page 151-152
Digital mobile X-ray machine	Page 153-154
Professional Medical Color Doppler Ultrasound	Page 155-156
Abdominal B Ultrasound	Page 157-158
Medical Ultrasound	Page 159-160
	Page 161-162

PRODUCT INSTRUCTION

PRECISE DIMMING CONTROL FOR VARIOUS LIGHTING REQUEST

With 16-stage illuminance adjustment, 4-stage color temperature adjustment, 16-stage spot size adjustment by electrical control, endo mode, R9 mode, green light (GL) mode



*Only L4C LED type with GL mode



UNIQUE MAINTENANCE ROOM FOR QUICK AND EASY MAINTENANCE

The innovative design of photoelectric separation keeps the circuit board away from heat sources. It increases the service life time, also improves the simplicity, economy and timeliness of the maintenance. What's more, the control box can also be easily opened and maintained.



WITH REMOVABLE, STERILIZABLE HANDLE

The removable, sterilizable center handle makes it easy for doctors and nurses to control the direction and depth of the light



ALUMINUM ALLOY PRECISION CASTING MODULAR DESIGN WITH FLEXIBLE COMBINATION AND DURABILITY

The modular lamp body is made of high-quality aluminum alloy, and the peripheral auxiliary handle can help the user with accurately position.



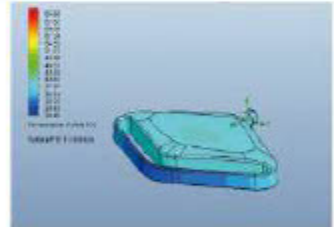
SUPERIOR LAMINAR FLOW DESIGN

The streamlined lamp body design and careful assembly can increase the flow efficiency of the airflow and remove the dust and bacteria around the lamp body.



ORIGINAL THERMAL MANAGEMENT SYSTEM TO EFFECTIVELY REDUCE THE TEMPERATURE OF CHIP CORE

The cast high-heat-conducting aluminum alloy radiator increases the internal heat-dissipation area, which can instantly derive heat, and with high-efficiency LED bulbs, allow to effectively reduce the temperature of the lamp and improve the service life of the lamp.



HIGH-DENSITY LIGHT MIXING SYSTEM MAKES FOR PRECISE, HANDY DIMMING

Using HF MED's special high-density light mixing technology, it provides high brightness with great quality, and it's with 16-stage illuminance adjustment from 40000lux to 160000lux and 4-stage color temperature adjustment from 3500K to 5000K.





External HD camera

The suspension of our system for monitors and cameras can help users provide the video information they need in and outside the surgical field in clear and accurate high-definition form without being affected. No signal conversion is required, and the video quality will not be reduced.



HD camera module parameters 2K (standard)

Image device: 1 / 2.8 type Exmcr CMOS sensor
Effective pixels: about 3.27 million
Optical zoom: 20x (240x digital zoom)
Signal system: HD: (1080p / 29.97, 1080p / 25, 1080i / 59.94, 1080i / 50, 720p / 50, 720p / 29.97, 720p / 25)
Image size (H * V): 1920 * 1080, 1280 * 720, 720 * 480, 720 * 576
Signal output: Y / Pb / Pr

HD camera module parameters 4K (optional)

Image device: 1/2.3 inch Exmor R CMOS
Effective pixels: about 6.83 million pixels
Optical zoom: 20 times
Lens: 3.9 mm (f = wide) - 46.8 mm (tele), F 1.8 - F 2.0
Signal system: 4K 2160P/29.97, 2160P/25 FHD/HD 1080P/59.94, 1080P/50, 1080i/59.94, 1080i/50, 720P/59.94, 720P/50
Lowest illuminance High sensitivity mode Color: 0.75 lx(F1.8,AGC on,1/30 s)
Normal mode Color: 3 lx(F1.8,AGC on,1/30 s)
Shutter speed: 1/1 second to 1/10,000 second, 22 steps
Focus system: automatic (sensitivity: normal, low), one-button auto focus, manual, interval auto focus, zoom trigger auto focus, focus compensation when ICR mode is turned on



One-key low light (endoscope): 3000lux

The operating light is equipped with a one-key low light (endoscope) lighting mode, which allows the surgeon to quickly switch from the conventional lighting mode. Providing soft lighting for the environment will not interfere with the doctor's field of vision and tissue observation during the process of endoscopy.

Heavy-duty HD flat panel display suspension

The flat-panel display arm can support up to 24 kg (52.9 lb) dual/dual displays, which is very suitable for large-screen displays under 32 inches. The large display compatibility allows the surgical team to see more of the operating area. Optional medical-grade display can also add uncompressed 1080p high-definition video, which can display SD and HD endoscopes, ultrasound, C-arm and others. The real image of the device.



All-round wireless remote control

Function:

- *Open and close
- *Spot size
- *Illumination adjustment
- *Color temperature
- *One-key laser (endoscope)
- *Red light compensation
- *Green light mode



External HD camera

The suspension of our system for monitors and cameras can help users provide the video information they need in and outside the surgical field in clear and accurate high-definition form without being affected. No signal conversion is required, and the video quality will not be reduced.



HD camera module parameters 2K (standard)

Image device: 1 / 2.8 type Exmcr CMOS sensor
Effective pixels: about 3.27 million
Optical zoom: 20x (240x digital zoom)
Signal system: HD: (1080p / 29.97, 1080p / 25, 1080i / 59.94, 1080i / 50, 720p / 50, 720p / 29.97, 720p / 25)
Image size (H * V): 1920 * 1080, 1280 * 720, 720 * 480, 720 * 576
Signal output: Y / Pb / Pr

HD camera module parameters 4K (optional)

Image device: 1/2.3 inch Exmor R CMOS
Effective pixels: about 6.83 million pixels
Optical zoom: 20 times
Lens: 3.9 mm (f = wide) - 46.8 mm (tele), F 1.8 - F 2.0
Signal system: 4K 2160P/29.97, 2160P/25 FHD/HD 1080P/59.94, 1080P/50, 1080i/59.94, 1080i/50, 720P/59.94, 720P/50
Lowest illuminance High sensitivity mode Color: 0.75 lx(F1.8,AGC on,1/30 s)
Normal mode Color: 3 lx(F1.8,AGC on,1/30 s)
Shutter speed: 1/1 second to 1/10,000 second, 22 steps
Focus system: automatic (sensitivity: normal, low), one-button auto focus, manual, interval auto focus, zoom trigger auto focus, focus compensation when ICR mode is turned on



One-key low light (endoscope): 3000lux

The operating light is equipped with a one-key low light (endoscope) lighting mode, which allows the surgeon to quickly switch from the conventional lighting mode. Providing soft lighting for the environment will not interfere with the doctor's field of vision and tissue observation during the process of endoscopy.

Heavy-duty HD flat panel display suspension

The flat-panel display arm can support up to 24 kg (52.9 lb) dual/dual displays, which is very suitable for large-screen displays under 32 inches. The large display compatibility allows the surgical team to see more of the operating area. Optional medical-grade display can also add uncompressed 1080p high-definition video, which can display SD and HD endoscopes, ultrasound, C-arm and others. The real image of the device.



All-round wireless remote control

Function:

- *Open and close
- *Spot size
- *Illumination adjustment
- *Color temperature
- *One-key laser (endoscope)
- *Red light compensation
- *Green light mode





HF-L3+4CLED



HF-L4+4CLED



HF-L3+3CLED



HF-L3SLED



HF-L4SLED

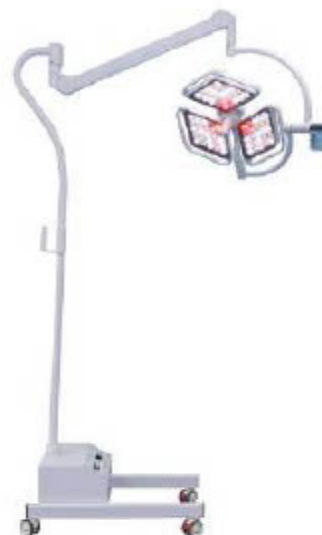
Type	luminance	Colour temperature	Colour rendition index(CRI)	Total irradiance	Size of light field	Size (mm) of illuminator	Power supply voltage	Depth weight of installation	Total power consumption	Total LED tube quantity	Green ENCO	Dimming type
HF-L3+4C LED	18000lx 14000lx	3000K/3000K 4000K/3000K 4500K/3000K 5000K/3000K	Ra:95 Ra:97 Ra:97 Ra:98	380 380	120-250mm	3000lx	AC110-240V 50-60Hz	280mm	90W	14Pcs	YES	Analog dimming
HF-L4+4C LED	16000lx 16000lx	3000K/3000K 4000K/3000K 4500K/3000K 5000K/3000K	Ra:95 Ra:97 Ra:97 Ra:98	350 380	120-250mm	5000lx	AC110-240V 50-60Hz	280mm	110W	22Pcs	YES	Analog dimming
HF-L3+3C LED	14000lx 14000lx	3000K/3000K 4000K/3000K 4500K/3000K 5000K/3000K	Ra:95 Ra:97 Ra:97 Ra:98	350 380	120-250mm	5000lx	AC110-240V 50-60Hz	280mm	87W	15Pcs	NO	Analog dimming
HF-L3S LED	14000lx	3000K/3000K 4000K/3000K 4500K/3000K 5000K/3000K	Ra:95 Ra:97 Ra:97 Ra:98	380	120-250mm	5000lx	AC110-240V 50-60Hz	280mm	47W	7Pcs	NO	Analog dimming
HF-L4S LED	16000lx	3000K/3000K 4000K/3000K 4500K/3000K 5000K/3000K	Ra:95 Ra:97 Ra:97 Ra:98	380	120-250mm	5000lx	AC110-240V 50-60Hz	280mm	57W	11Pcs	YES	Analog dimming



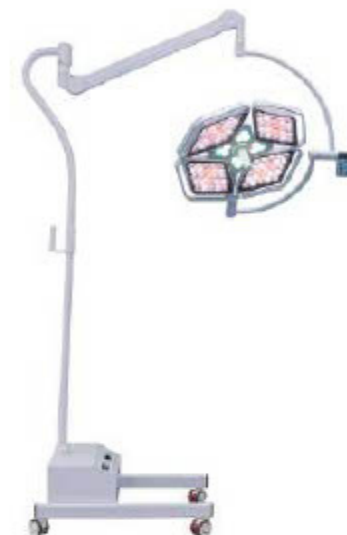
HF-L3CLED



HF-L4CLED



HF-L3SLED Customized emergency



HF-L4SLED Customized emergency



HF-L3WLED



HF-L4WLED

Type	Runtime	Color temperature	Color-rendering index(CRI)	Total irradiance	Area of light field	Service life of luminaires	Power supply voltage	Beam/diameter of installation	Total power consumption	Total LED bulb quantity	Green/EMCO	Dimming Type
HF-L3C LED	140000h	3500±100K 4000±100K 4500±100K 5000±100K	Fix 06 Fix 07 Fix 11_95	380	120-220mm	20000h	AC110-240V 50/60Hz	300mm	40W	70pcs	NO	Auto dimming
HF-L4C LED	140000h	3500±100K 4000±100K 4500±100K 5000±100K	Fix 06 Fix 07 Fix 11_95	380	120-220mm	20000h	AC110-240V 50/60Hz	300mm	60W	112pcs	YES	Auto dimming
HF-L3W LED	130000h	3500±100K 4000±100K 4500±100K 5000±100K	Fix 06 Fix 07 Fix 11_95	380	120-220mm	20000h	AC110-240V 50/60Hz	280mm	40W	70pcs	NO	Auto dimming
HF-L4W LED	100000h	3500±100K 4000±100K 4500±100K 5000±100K	Fix 06 Fix 07 Fix 11_95	380	120-220mm	20000h	AC110-240V 50/60Hz	300mm	60W	112pcs	YES	Auto dimming
HF-L3S LED (90W/320V AC)	130000h	2400±100K 4000±100K 4500±100K 5000±100K	Fix 06 Fix 07 Fix 11_95	380	120-220mm	20000h	AC110-240V 50/60Hz	280mm	40W	70pcs	NO	Auto dimming
HF-L4S LED (160W/320V AC)	100000h	3500±100K 4000±100K 4500±100K 5000±100K	Fix 06 Fix 07 Fix 11_95	380	120-220mm	20000h	AC110-240V 50/60Hz	300mm	60W	112pcs	YES	Auto dimming

PRODUCT INSTRUCTION

LED SERIES SHADOWLESS OPERATING LAMP

- **Precise**
 Uniform, homogeneous lighting in surface and deep cavity procedures thanks to NEWYSZ's innovative shadow control.
- **Simple**
 Our ergonomic, sterile operating concept allows for the simple and flexible control of all functions by the surgical team.
- **Durable**
 Almost unlimited LED life expectancy delivers tremendous product reliability and investment protection.
- **Efficient**
 Environmentally proactive: low power consumption and durable LEDs minimize the impact on our precious resources.



YD02-LED SERIES LEADING-EDGE LIGHTING TECHNOLOGY

Uniform, homogeneous lighting in surface and deep cavity procedures thanks to YD02-LED's innovative shadow control.

Our ergonomic, sterile operating concept allows for the simple and flexible control of all functions by the surgical team.

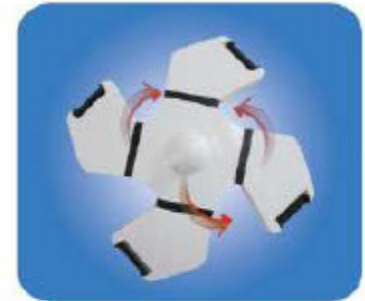
Almost unlimited LED life expectancy delivers tremendous product reliability and investment protection.

Environmentally proactive: low power consumption and durable LEDs minimize the impact on our precious resources.



YD02-LED'S Open design and superior ventilation

With its open design and superior ventilated ceiling tolerance, YD02-LED3+4 ensures that perfect operating conditions are created and hygienic requirements are fulfilled. The airflow surface under the ventilated ceiling is minimized and the reduced heat generation ensures a low turbulence displacement stream under the light head.



YD02-LED'S Endoscope mode

YD02-LED3+4 series shadowless LED light has 7 groups, One group consisting of 19 groups of light sources. Each group light has 3 colour temperature. (including one group of light sources comprises 8 LED(light emitting diode) light source(endoscope mode).) groups composed. Each individual LED light source can emit light and reflected by the respective reflecting surfaces, and then the focus position of the light field in different convergent optical lens is formed through the surgical area. the combination of the optical domain to achieve a superior surface and deep and uniform lighting effect to meet a variety of surgical needs.



PRODUCT MODEL



YD02-LED3+4
Adjust color temperature



YD02-LED4+4
Adjust color temperature



YD02-LED3+3
Adjust color temperature



YD02-LED3
Adjust color temperature



YD02-LED4
Adjust color temperature

YD02-LED SERIES TECHNICAL DATA

Type	Illuminance	Color temperature	Colour render index (Ra)	Total wattages	Size of light face	Service life of movement	Power supply voltage	Beam height of extension	Total power consumption	Total LED bulb quantity	Green (SDD) IPCS
YD02-LED3+4	1-40,000Lux 2-60,000Lux	3000-6500K 4000-6500K 5000-6500K	90	300W/177 2-100W/177	100-280mm	50,000h	AC110-240V 50/60Hz	2500mm	140W	10pcs (10*3-10*4)	YES
YD02-LED4+4	1-60,000Lux 2-100,000Lux	3000-6500K 4000-6500K 5000-6500K	90	4-100W/177 1-100W/177	150-280mm	50,000h	AC110-240V 50/60Hz	3000mm	140W	15pcs (10*4-10*4)	YES
YD02-LED3+3	1-60,000Lux 2-100,000Lux	3000-6500K 4000-6500K 5000-6500K	90	300W/177 300W/177	100-280mm	50,000h	AC110-240V 50/60Hz	2500mm	140W	10pcs (10*3-10*3)	YES
YD02-LED3	1-60,000Lux	3000-6500K 4000-6500K 5000-6500K	90	300W/177	100-280mm	50,000h	AC110-240V 50/60Hz	2500mm	140W	10pcs (10*3)	YES
YD02-LED4	1-60,000Lux	3000-6500K 4000-6500K 5000-6500K	90	4-100W/177	150-280mm	50,000h	AC110-240V 50/60Hz	3000mm	140W	15pcs (10*4)	YES

PRODUCT INSTRUCTION

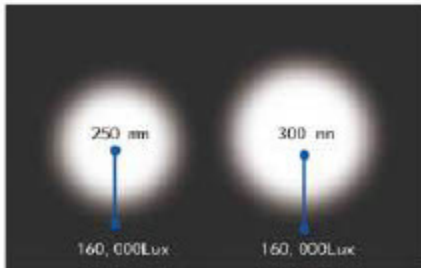
LED SERIES SHADOWLESS OPERATING LAMP

- Precise**
 Uniform, homogeneous lighting in surface and deep cavity procedures thanks to 700/500LED's innovative shadow control.
- Simple**
 Our ergonomic, sterile operating concept allows for the simple and flexible control of all functions by the surgical team.
- Durable**
 Almost unlimited LED life expectancy delivers tremendous product reliability and investment protection.
- Efficient**
 Environmentally proactive: low power consumption and durable LEDs minimize the impact on our precious resources.



700/500LED Excellent Lighting Effect

700/500LED series shadowless lamp is composed of six light bulbs. The unique high-performance lens ensures that the best operating area lighting up to 160,000 lux can be achieved within the adjustable range of the spot. The maximum illuminance can be achieved within the spot adjustment range, which not only meets the requirement for large spot high illumination in open major surgery such as cardiothoracic surgery, but also meets the small spot high illumination requirements required for routine minor operations such as urology and gynecology. The single surgical lamp contains up to 108 LED light sources, achieving super-strong, uniform illumination at 1400mm depth.



700/500LED Color Temperature Technology

Guaranteed Color Rendering Index by Reliable Beam Synthesis Control Technology. In the case of 97, the color temperature is adjustable between 3800K-5000K. The surgeon can adjust according to his or her habits or different surgical sites. Color temperature to achieve the desired tissue contrast for optimal grouping. Weave resolution. In addition, when doctors perform long or night surgery. Can cause visual fatigue, increase color temperature gradually to increase attention force.



700/500LED Endoscope Mode

The surgical light is equipped with a one-button endoscope illumination mode that allows the surgeon to quickly switch from the general lighting mode. Provides soft lighting for dark environments and does not interfere with the doctor's field of vision and observation of tissue during endoscopic surgery.



Ideal Conformity To purification Requirements

The operating room must strictly comply with air purification standards. The unique aerodynamic shape of the 700/500LED series shadowless lamp greatly reduces the area of the lamp cap that blocks the flow of purified air. This minimizes the air flow under the lamp that affects the purifying effect and therefore has the best laminar flow.

PRODUCT MODEL



500/500 LED
Adjust color temperature



700/500 LED
Adjust color temperature



700/700 LED
Adjust color temperature



500 LED
Adjust color temperature



700 LED
Adjust color temperature

700/500 SERIES TECHNICAL DATA

Type	Beamance	Color temperature	Color rendering index (CRI)	Total irradiance	Size of light head	Service life of luminaire	Power supply voltage	Dist height of installation	Total power consumption	Total LED bulb quantity	Dim3.0
500/500 LED	≥140,000Lux ≥140,000lx	3000±500K 4000±500K 5000±500K	90	5447lm ² 5247lm ²	250-360mm	50,000h	AC115-240V 50/60Hz	2000mm	60W 80W	144pcs (120+24)	YES
700/500 LED	≥140,000Lux ≥130,000Lux	3000±500K 4000±500K 5000±500K	90	5447lm ² 5147lm ²	250-360mm	50,000h	AC115-240V 50/60Hz	2000mm	60W 80W	288PCS (194+124)	YES
700/700 LED	≥150,000Lux ≥100,000Lux	3000±500K 4000±500K 5000±500K	90	5447lm ² 5447lm ²	250-360mm	50,000h	AC115-240V 50/60Hz	2000mm	60W 80W	216pcs (154+94)	YES
500 LED	≥140,000Lux	3000±500K 4000±500K 5000±500K	90	5447lm ²	250-360mm	50,000h	AC115-240V 50/60Hz	2000mm	60W	72pcs (12+12)	YES
700 LED	≥150,000Lux	3000±500K 4000±500K 5000±500K	90	5447lm ²	250-360mm	50,000h	AC115-240V 50/60Hz	2000mm	80W	96pcs (12+12)	YES

Two color options for the mask in the lamp head



PRODUCT MODEL



700S LED



700E LED



HF-280LED

HF-280ELED

HF-280CLED

HF-280WLED



500S LED



500E LED

700 500 280 LED SERIES TECHNICAL DATA

Type	luminance	Colour temperature	Colour rendering index (Ra)	Total irradiance	Size of light field	Service life of luminaire	Power supply voltage	Brightness adjustment	Total power consumption	Dimmable (DALI)	Emergency time	IP-DO
700S LED	>100,000 Lux	4000±200K 4800±200K 5000±200K	90	544W/m ²	220-200mm	50,000h	AC 110-240V 1000Hz	Automatic 8-stage continuous light adjustment	90W	100pcs (12H)	-	YES
700E LED	>100,000 Lux	4000±200K 4800±200K 5000±200K	90	544W/m ²	220-200mm	50,000h	AC 110-240V 50/60Hz	Automatic 8-stage continuous light adjustment	90W	150pcs (12H)	10 Hours	YES
500S LED	>100,000 Lux	4000±200K 4800±200K 5000±200K	90	534W/m ²	250-150mm	50,000h	AC 110-240V 50/60Hz	Automatic 8-stage continuous light adjustment	90W	70pcs (12H)	-	YES
500E LED	>100,000 Lux	4000±200K 4800±200K 5000±200K	90	534W/m ²	250-150mm	50,000h	AC 110-240V 1000Hz	Automatic 8-stage continuous light adjustment	90W	70pcs (12H)	10 Hours	YES
HF-280LED	>50,000 Lux	4000±200K	97	171W/m ²	150mm	50,000h	AC 110-240V 1000Hz	-	20W	10pcs	-	-
HF-280ELED	>50,000 Lux	4000±200K	97	171W/m ²	150mm	50,000h	AC 110-240V 1000Hz	-	20W	10pcs	10 Hours	-
HF-280CLED	>50,000 Lux	4000±200K	97	171W/m ²	150mm	50,000h	AC 110-240V 1000Hz	-	20W	10pcs	-	-
HF-280WLED	>50,000 Lux	4000±200K	97	171W/m ²	150mm	50,000h	AC 110-240V 1000Hz	-	20W	10pcs	-	-

Product introduction

Uniform, homogeneous lighting in surface and deep cavity procedures thanks to HF-L25's innovative shadow control.
 Our ergonomic, sterile operating concept allows for the simple and flexible control of all functions by the surgical team.
 Almost unlimited LED life expectancy delivers tremendous product reliability and investment protection.
 Environmentally proactive: low power consumption and durable LEDs minimize the impact on our precious resources.



HF-L25(LED)
Shadowless Operating Lamp



Unique crystal lens design for best color uniformity of the light

Excellent multi-lens system

With its LED technology, the HF-L25 LED minor surgical Light offers not only higher light intensity, but also more superior light quality when compared to conventional halogen lights. Light is optimally distributed by the unique HFMED® multi-lens matrix, which provides homogenous light quality in both area and depth, for the best-possible visualization during examinations and minor procedures.



Lighting designed to meet your individual needs

Perfect gentle lighting is also a matter of settings. Eight brightness levels from 40,000 to 60,000 lux as well as two different color temperature levels (3,800 K /4,800 K) allow you to adjust the light optimally to any treatment situation via the control panel. The quality of color reproduction remains constant and excellent illumination ensured every time.



Safe hygiene for your treatment

With the removable and sterilisable handle, it is suitable for hygienical-critical applications. Cleaning can be done easily and safely thanks to its smooth surfaces. The light can be positioned exactly to the wound field with the handle. Everything you could want in comfort and flexibility.

Handle material: PC (Steam sterilization at 120 °C, 1,3 bar 15 minutes)



PRODUCT MODEL



HF-L25(LED)Shadowless Operating Lamp

Type	Illuminance	Color temperature	Color rendering index(CRI)	Illumination depth	Total irradiance	Size of light field	Lamp head diameter	Rated power (1 bulb)	Service life of luminance	Power supply voltage	Total power consumption	Total LED bulb quantity	Emergency time
HF-L25(LED)	400,000 lux	3800K/4800K	97	>1000mm	300W/m²	135mm	450mm	32W/1W	>60,000h	AC110-240V 50/60Hz	60VA	25pcs	—
HF-L25(CLED)	400,000 lux	3800K/4800K	97	>1000mm	300W/m²	135mm	450mm	32W/1W	>60,000h	AC110-240V 50/60Hz	60VA	25pcs	—
HF-L25(WLED)	400,000 lux	3800K/4800K	97	>1000mm	300W/m²	195mm	490mm	32W/1W	>60,000h	AC110-240V 50/60Hz	60VA	25pcs	—
HF-L25(GLED)	400,000 lux	3800K/4800K	97	>1000mm	300W/m²	195mm	490mm	32W/1W	>60,000h	AC110-240V 50/60Hz	60VA	25pcs	20hours

PRODUCT DESCRIPTION

LED SERIES SHADOWLESS OPERATING LAMP

- Precise**

Uniform, homogeneous lighting in surface and deep cavity procedures thanks to SY02-LED's innovative shadow control.

- Simple**

Our ergonomic, sterile operating concept allows for the simple and flexible control of all functions by the surgical team.

- Durable**

Almost unlimited LED life expectancy delivers tremendous product reliability and investment protection.

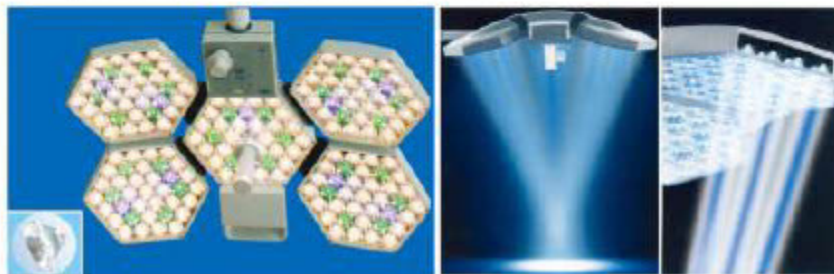
- Efficient**

Environmentally proactive: low power consumption and durable LEDs minimize the impact on our precious resources.



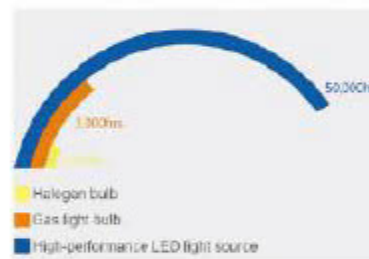
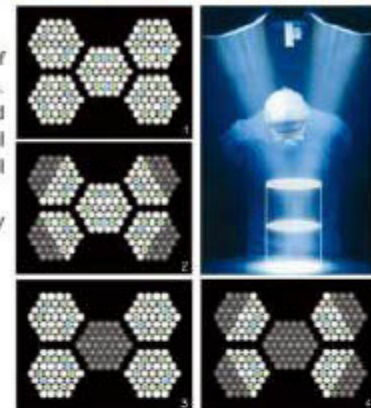
SY02-LED SERIES LEADING-EDGE LIGHTING TECHNOLOGY

Thanks to their great performance and outstanding energy efficiency, the use of LEDs to illuminate demanding environments is becoming ever more common. Compared to conventional lamps, light emitting diodes have a whole range of technological, economic and ecological advantages: low heat generation, minimal power consumption and an almost unlimited life expectancy. SY02-LED combines these characteristics. The result: unparalleled performance.



UNMATCHED SHADOW MANAGEMENT OPTIMIZES CONCENTRATION AND SURGICAL TEAM EFFICIENCY

Huifeng has harnessed the far-reaching potential of the multi-lens matrix to virtually eliminate shadows. The SY02 series's overlapping fields of light and multiple patterns - selectable based on the surgical situation - minimize shadows and redirect the full selected intensity to the surgical site. The result is up to 20% more light in deep cavity situations.



Long life lighting

LED light source life of up to 50,000 hours or more, with an average life of an ordinary light shadowless lamp halogen 50 times, and each LED can be individually replaced, to ensure maximum use of economy.

OPTIMIZED AIR FLOW DESIGN FOR BETTER HYGIENE

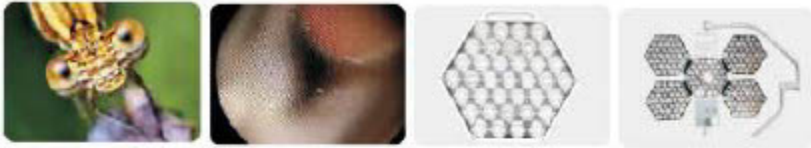


With its open design and superior ventilated ceiling tolerance, SY02-LED ensures that perfect operating conditions are created and hygienic requirements are fulfilled. The airflow surface under the ventilated ceiling is minimized and the reduced heat generation ensures a low turbulence displacement stream under the light head.

Perfect Cold Light Effect

LED light source does not produce infrared, the temperature rise above surgeon's head is less than 2°C, meanwhile very low temperature rise above the operation field avoids the patients' fluid loss. Thus solve the problem of unsatisfactory wound healing because of higher temperature rise produced by ordinary operating lamp





Dragonflies have one of the most elaborate eyes of any insect, capable of pinpointing the motion of a small prey insect several meters away, even while the dragonfly is traveling fast.



LED operating shadowless lamp consists of a pl
 Precise - Uniform, homogeneous lighting in surfa
 Simple - Our ergonomic, sterile operating concept
 Durable - Almost unlimited LED life expectancy

urality of lamp caps, the petal shaped.
 ce and deep cavity procedures thanks to SY02-LED's innovative shadow control
 allows for the simple and flexible control of all functions by the surgical team
 delivers tremendous product reliability and investment protection

PRODUCT MODEL

SY02-LED3+5
Adjust colour temperature



SY02-LED5+5
Adjust colour temperature



SY02-LED3+3
Adjust colour temperature



SY02-LED3
Adjust colour temperature



SY02-LED5
Adjust colour temperature

SY02-LED SERIES TECHNICAL DATA

Type	Beam ratio	Colour temperature	Colour rendering index (Ra)	Emission depth	Total irradiance	Size of light field	Lamp head diameter	Rated power of LED	Service life of luminaire	Power supply voltage	Size (height) of installation	INDO
SY02-LED3+5 Adjust colour temperature	1:150 (0.6°) 1:40 (2.6°)	3500K±200K 4000K±200K 4500K±200K 5000K±200K	96	1045mm 1778mm	127W/m ² 120W/m ²	220-113mm 120W/m ²	738mm 800mm	3.2W/W	≥50,000h	AC110-240V 50/60Hz	2900mm	YES
SY02-LED5+5 Adjust colour temperature	1:130 (0.7°) 1:140 (0.6°)	3500K±200K 4000K±200K 4500K±200K 5000K±200K	96	1170mm 1778mm	130W/m ² 150W/m ²	220-110mm 150W/m ²	808mm 950mm	3.2W/W	≥50,000h	AC110-240V 50/60Hz	2900mm	NO
SY02-LED3+3 Adjust colour temperature	1:120 (0.8°) 1:125 (0.8°)	3500K±200K 4000K±200K 4500K±200K 5000K±200K	96	1045mm 1445mm	127W/m ² 127W/m ²	220-113mm 127W/m ²	738mm 700mm	3.2W/W	≥50,000h	AC110-240V 50/60Hz	2900mm	YES
SY02-LED3 Adjust colour temperature	1:130 (0.8°)	3500K±200K 4000K±200K 4500K±200K 5000K±200K	96	1445mm	127W/m ²	220-113mm	700mm	3.2W/W	≥50,000h	AC110-240V 50/60Hz	2900mm	YES
SY02-LED3 Adjust colour temperature	1:130 (0.8°)	3500K±200K 4000K±200K 4500K±200K 5000K±200K	96	1778mm	130W/m ²	220-113mm	800mm	3.2W/W	≥50,000h	AC110-240V 50/60Hz	2900mm	NO

OTHER CHOICE

SY02-LED3W
Adjust colour temperature (On Wall)

PRODUCT MODEL

SY02-LED3+5D



SY02-LED5+5D



SY02-LED3+3D



SY02-LED3D



SY02-LED5D

SY02-LED SERIES TECHNICAL DATA

Type	Illuminance	Colour temperature	Colour rendition index(CRI)	Burn-in time (hrs)	Total irradiance	Size of light field	Lamp head diameter	Rated power of bulb	Service life of luminaire	Power supply voltage	Roat height of installation	INDO
SY02-LED3+5D	3.1E5,298 lx 3.10E5,092Lux	4000K,200K	94	10-8hrs/ 11-10hrs	10.9W/m ² / 148.4W/m ²	220-310mm/ 700mm	700mm 250mm	3.2V*15W	400,000h	AC110-240V 50/60Hz	2900mm	YES
SY02-LED5+5D	2.19E5,000 lx 3.15E5,000Lux	4000K,200K	94	11-70hrs/ 11-12hrs	13.0W/m ² / 158.1W/m ²	230-310mm/ 800mm	800mm 250mm	3.2V*15W	400,000h	AC110-240V 50/60Hz	2900mm	NO
SY02-LED3+3D	3.29E5,000 lx 3.15E5,000Lux	4000K,200K	95	10-8hrs/ 10-15hrs	12.1W/m ² / 151.1W/m ²	220-310mm/ 700mm	700mm 200mm	3.2V*15W	400,000h	AC110-240V 50/60Hz	2900mm	YES
SY02-LED3D	3.15E,000 lx 3.10E5,000Lux	4000K,200K	94	11-10hrs	10.1W/m ²	220-310mm/ 800mm	800mm	3.2V*15W	400,000h	AC110-240V 50/60Hz	2900mm	NO

OTHER CHOICE
SY02-LED3DW On Wall

PRODUCT MODEL



SY01-LED3A
Adjust colour temperature



SY01-LED3E
Adjust colour temperature



SY01-LED3



SY01-LED3E

SY01-LED SERIES TECHNICAL DATA

Type	Beamwidth	Colour temperature	Colour rendition index(CRI)	Beamwidth depth	Total irradiance	Size of light field	Lamp base diameter	Rated power of bulb	Service life of fluorescent	Power supply voltage	Emergency time	INDO
SY01-LED3A Adjust colour temperature (Mobile)	12.000lx	3000K/3000K 4000K/3000K 5000K/3000K 5000K/3000K	95	1360mm	137W/m ²	320-310mm	700mm	120W	100,000h	AC110-240V, 50/60Hz	1	YES
SY01-LED3E Adjust colour temperature (Emergency table)	12.000lx	3000K/3000K 4000K/3000K 5000K/3000K 5000K/3000K	95	1140mm	122W/m ²	220-310mm	700mm	120W	100,000h	AC110-240V, 50/60Hz	2-6 hours	YES

SY01-LED SERIES TECHNICAL DATA

Type	Beamwidth	Colour temperature	Colour rendition index(CRI)	Beamwidth depth	Total irradiance	Size of light field	Lamp base diameter	Rated power of DMD	Service life of fluorescent	Power supply voltage	Emergency time	Class ENDO
SY01-LED3 (Mobile)	12.000lx	4500K/3000K	95	1140mm	121W/m ²	220-310mm	700mm	120W	100,000h	AC110-240V, 50/60Hz	1	YES
SY01-LED3E (Emergency table)	12.000lx	4500K/3000K	95	1140mm	121W/m ²	220-310mm	700mm	120W	100,000h	AC110-240V, 50/60Hz	2-6 hours	YES



SY02-LED3+5(-TV) Color temperature

SY02-LED series camera system technical parameters (color temperature)

Model	Focal	Signal-to-noise ratio	Camera distance	Focal length	Multiple	Video output	Camera power	Minimum installation high
SY02-LED3+5 (Center camera)	2.30m/10m	≥45db	0.5-2m	F5.1mm-51.0mm	4Times double	100s-1750	120C:13%	3100mm

SY02-LED3+5(Center camera)

SY02-LED3+3(Camera with display)

SY02-LED3+3(External camera)

SY02-LED3+3(Center camera)

SY02-LED3+5D(Camera with display)

SY02-LED3+5D(External camera)

SY02-LED3+5D(Center camera)

(Cabinet selection)



1. The all-digital signal output ensures lossless signal transmission, and can be directly stored on the U disk with the captured still image.
2. The zoom of the camera can be controlled in various ways through the control box and PC.
3. Adopt high-sensitivity zoom integrated digital video camera.



Monitoring function: 4 screen split real-time display



Recording function: real-time recording of each screen



Playback function: select the playback button for image playback



Network function: provide LAN and remote network transmission interface



YD02 LED Series

- Renew operation irradiation parts rapidly and improve doctor's working environment
- Illuminance equality, high shadowless rate, high definition to improve doctor's working efficiency



PRODUCT MODEL

YD02-LED3+5



YD02-LED3+4



YD02-LED4+5



YD02-LED5



YD02-LED3

YD02-LED Series Technical Data

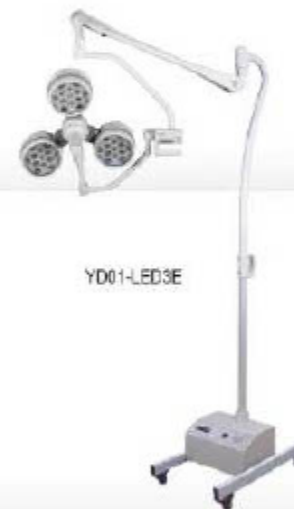
Type	Brightness	Colour temperature	Colour rendering index(CRI)	Brightness (lm)	Total incidence	Size of light field	Lamp/head diameter	Rated power of bulb	Service life of filament	Power supply voltage	Base height of installation	IK100
YD02-LED3+5	>150,000lx >120,000lx	4000K±200K	98	8000lm	400W/m ² 300W/m ²	100-240mm	300mm/350mm	3.2/3.7W	>50,000h	AC 110-240V, 50/60Hz	2000mm	YES
YD02-LED3+4	>150,000lx >120,000lx	4000K±200K	98	6000lm	400W/m ² 400W/m ²	100-240mm	300mm/350mm	3.2/3.7W	>50,000h	AC 110-240V, 50/60Hz	2000mm	YES
YD02-LED4+5	>150,000lx >120,000lx	4000K±200K	98	8000lm	400W/m ² 300W/m ²	100-240mm	300mm/350mm	3.2/3.7W	>50,000h	AC 110-240V, 50/60Hz	2000mm	YES
YD02-LED3	>150,000lx	4000K±200K	98	6000lm	400W/m ²	100-240mm	300mm	3.2/3.7W	>50,000h	AC 110-240V, 50/60Hz	2000mm	YES
YD02-LED5	>150,000lx	4000K±200K	98	8000lm	300W/m ²	100-240mm	350mm	3.2/3.7W	>50,000h	AC 110-240V, 50/60Hz	2000mm	YES

OTHER CHOICE

- YD02-LED3+3
- YD02-LED4+4
- YD02-LED5+5
- YD02-LED4

- YD02-LED4W On Wall
- YD02-LED3W On Wall
- YD02-LED5W On Wall

PRODUCT MODEL



YD01-LED Series Technical Data

Type	Illuminance	Colour temperature	Colour reduction index(Ra)	Illuminance depth	Total irradiance	Size of light field	Lamp head diameter	Rated power of bulb	Service life of illuminant	Power supply voltage
YD01-LED5	15000Lux	4500K±500K	90	600mm	550 W/m ²	160-240mm	250mm	3.2V/1W	250,000h	AC110-240V, 50/60Hz
YD01-LED4	11000Lux	4500K±500K	90	600mm	440 W/m ²	160-240mm	250mm	3.2V/1W	250,000h	AC110-240V, 50/60Hz
YD01-LED3	13000Lux	4500K±500K	90	600mm	460 W/m ²	160-240mm	200mm	3.2V/1W	250,000h	AC110-240V, 50/60Hz

YD01-LED Series Technical Data

Type	Illuminance	Colour temperature	Colour reduction index(Ra)	Illuminance depth	Total irradiance	Size of light field	Lamp head diameter	Rated power of bulb	Service life of illuminant	Power supply voltage	Emergency time
YD01-LED5E	25000Lux	4500K±500K	90	600mm	550 W/m ²	160-240mm	250mm	3.2V/1W	250,000h	AC110-240V, 50/60Hz	≥ 3 hours
YD01-LED4E	15000Lux	4500K±500K	90	600mm	440 W/m ²	160-240mm	250mm	3.2V/1W	250,000h	AC110-240V, 50/60Hz	≥ 3 hours
YD01-LED3E	32000Lux	4500K±500K	90	600mm	460 W/m ²	160-240mm	200mm	3.2V/1W	250,000h	AC110-240V, 50/60Hz	≥ 3 hours

PRODUCT INSTRUCTION

ZF720 LED SERIES SHADOWLESS OPERATING LAMP

- ZF720 LED series shadowless operating lamp can widely be used in diversified operation occasion to meet the demand of the illumination, and it is the ideal illumination instrument of the modern operating theater.
- The whole reflection optical system is made by CAD/CAM technology, its illumine depth is up to 1300mm, by using color temperature compensation technology, the color reversion is upright, and it is more suitable for the illumination of the complex surgery such as encephalon surgery and thorax surgery.
- Micro computer digital control, with 8 shifts luminance for selection, and it offers illuminance memory function and wide voltage working specially, can work stably under AC 150V-250V, with strong anti-jamming capacity.
- Full close streamline lamp body design completely meets the demand of the sterilization and high standard of laminar flow purification in the operation room.
- The panel is made of German PC (anti-bullet plastic) by injection moulding, makes the light softer and more reliable.
- Focusing system has a delicate structure, and easy to change bulb and the ceramic seat, detachable handle cover, can take high temperature (≥134°) sterilization treatment.
- All the key parts use the world famous products, ensure stable and reliable operation, flame retardant level material can endure high temperature and safe, meets IEC norm.
- Equipped with imported balance arm suspension system, which is light and handy, six group joints move together and move smoothly, positions stably. 360° universal design can satisfy various needed height and angle in the operation.
- Top-built (bottom board) power supply system, avoid troubles in installation of hang-on-wall control box.
- LED light source life of up to 50,000 hours or more, with an average life of an ordinary light shadowless lamp halogen 50 times, and each LED can be individually replaced, to ensure maximum use of economy.



Optimized laminar flow purification, sterilization, mirror face design and back-up bulb replacement

- Full closed streamline lamp head which is designed according to aerodynamics is helpful to laminar flow purification and application of sterilization in the operating room, this can reduce the risk of operation infection.
- The pervious glass at the bottom of lamp head is made of anti-shock and anti-disinfectant material. This pervious glass is durable and easy cleaning, and won't be affected by radiation, disinfection and long time use.
- The sterilization handle can move up and down, revolve the lamp head and adjust the focus. It can be detached after operation and steeped in the liquid or by high temperature high pressure sterilization.
- Multi-lens reflecting system is designed by computer professional technology, there are more than 3600 pieces multi-lens reflecting system which makes the light beam focus as a high illuminance symmetrical light cylinder.



Natural operation color temperature

The CRI for natural light is 100. The CRI of ZF720 LED series integral reflecting shadowless operating lamp is 93, which is very near natural light. It can help the surgeon to distinguish the color of operating region (including blood vessel and nerve tract) it can help to distinguish the tissues of body clearly.

Advanced digital integrated circuit control panel

- It has functions of switch, intensity adjustment and back-up bulb test. Also has functions of 8-shift intensity selection and intensity memory. LED intensity indicative bar can show the needed intensity in the operation intuitively.
- It has characteristic of wide power working, which can work stably between AC 150V-250V with high anti-interference ability.



PRODUCT MODEL



ZF720/720 LED

ZF720 LED

ZF720 LED Series Technical Data

Type	Illuminance	Colour temperature	Colour rendition index(CRI)	Illuminance depth	Total irradiance	Size of lightfield	Lamp head diameter	Rated power of bulb	Service life of illuminant	Power supply voltage	Best height of installation
ZF720720 LED	≥140,000 ≥140,000 Lux	≥9300K	≥93	1050mm 1050mm	450W/m ² 420W/m ²	100-200mm	720mm	37W/50W	≥60,000h	AC110-240V, 50/60Hz	1900mm
ZF720 LED	≥180,000 Lux	≥9300K	≥93	1050mm	420W/m ²	100-200mm	720mm	37W/50W	≥60,000h	AC110-240V, 50/60Hz	1900mm

ZF series operating shadowless lamp colour reduction index(Ra) can reach above 88-95, close to the natural light , could help doctors use with a very clear area to break up the surgery site (including vascular tissue and nerve bundles) color, can clearly discern surgical field of organizational structure.



PRODUCT INSTRUCTION

ZF SERIES SHADOWLESS OPERATING LAMP

- ZF series shadowless Operating lamp can widely be used in diversified operation occasion to meet the demand of the illumination, and it is the ideal illumination instrument of the modern operating theater.
- The Whole reflection optical system is made by CAD/CAM technology, its illuminate depth is up to 1300mm (by using color temperature compensation technology, the color inversion is upraised, and it is more suitable for the illumination of the complex surgery such as encephalon surgery and thorax surgery).
- Micro computer digital control, with 8 shifts luminance for selection and it offers luminance memory function and wide voltage working speciality, can work stably under AC 150V-250V, with strong anti-jamming capacity.
- Full close streamline lamp body design completely meets the demand of the sterilization and high standard of laminar flow purification in the operation room.
- The panel is made of German PC (anti-bullet plastic) by injection moulding, makes the light softer and more reliable.
- Focusing system has a delicate structure, and easy to change bulb and the ceramic seat; detachable handle cover can take high temperature ($\geq 134^{\circ}$) sterilization treatment.
- With back up bulb automatic switch function, when the main bulb was burnt, auxiliary lamp will be lighted in 0.2 second. There's failure indication in the handle control panel, to remind the bulbs to be changed after operation.
- Offering soft start up unit, extending the service life of the bulb effectively. Adopting the imported long life halide-tungsten bulb, the bulb life can be up to 1000 hours.
- All the key parts use the world famous products, ensure stable and reliable operation, flame retardant level material can endure high temperature and safe, meets IEC norm.
- Equipped with imported balance arm suspension system, which is light and handy, six group joints move together and moves smoothly, positions stably, 960 universal design can satisfy various needed height and angle in the operation.
- Top-bulb (bottom board) power supply system, avoid troubles in installation of hang-on-wall control box.

Optimized laminar flow purification, sterilization, mirror face design and back-up bulb replacement

- Full closed streamline lamp head which is designed according to aerodynamics is helpful to laminar flow purification and application of sterilization in the operating room, this can reduce the risk of operation infection.
- The pinnous glass at the bottom of lamp head is made of anti-shock and anti-disinfectant material. This pinnous glass is durable and easy cleaning, and won't be affected by radiation, cleanness and long time use.
- The sterilization handle can move up and down, revolve the lamp head and adjust the focus. It can be detached after operation and steeped in the liquid or by high temperature high pressure sterilization.
- The operating lamp adopts automatic mirror and back-up bulb automatic replacement system which can supply the illumination during the whole operation, it won't affect the operation. When change the bulb, you just need to unscrew the three screws of the handle body and detach it, it is easy to replace the bulb. The handle body is equipped with convenient and sterilizing handle.
- Multi-lens reflecting system is designed by computer professional technology, there are more than 3000 pieces multi-lens reflecting system which makes the light beam focus as a high illuminance symmetrical light cylinder.



Natural operation color temperature

The CRI for natural light is 100. The CRI of ZF series integral reflecting shadowless operating lamp is 98, which is very near natural light. It can help the surgeon to distinguish the color of operating region (including blood vessel and nerve tract), it can help to distinguish the tissue of body clearly.

Advanced digital integrated circuit control panel

- It has functions of with, intensity adjustment and back-up bulb test; Also has functions of 8-shift intensity selection and intensity memory. LED intensity indicative bar can show the needed intensity in the operation intuitively.
- There is a main bulb fault indicator on the control panel which remind the staff to replace the bulb after the operation.
- It has characteristic of wide power working, which can work stably between AC150V-250V with high anti-interference ability.



PRODUCT MODEL



ZF600/600

ZF600

ZF Series Technical Data

Type	Illuminance	Colour temperature	Colour rendering index(CRI)	Illuminance depth	Total irradiance	Dist of light foot	LED head power of 200	Service life of current	Power supply voltage	Brightness adjustment	Dist of major and standby lamps	Dist height of installation
ZF600/600	≥120,000 Lux 700,000 Lux	4800 ±200K	98-99	1200mm 6200mm	400 W/m ² 1416 W/m ²	130-200mm	150W 150W	≥1,000h	AC 110-240V 50/60Hz	Automatic stage continuous light adjustment	Automatic	2500mm
ZF600	1120,000 Lux	4800 ±200K	98-99	1300mm	400 W/m ²	130-200mm	150W	≥1,000h	AC 110-240V 50/60Hz	Automatic stage continuous light adjustment	Automatic	2500mm

OTHER CHOICE

- ZF500 Current Arm
- ZF500 On Wall
- ZF500 Emergency On Ceiling

PRODUCT MODEL

ZF700/700



ZF700



ZF500

ZF700/500



ZF500/500



ZF Series Technical Data

Type	Beam area	Colour temperature	Colour rendition (CRI/Ra)	Beam area depth	Total irradiance	Size of light field	Power factor	Service life of luminaire	Power supply voltage	Brightness adjustment	Shelf of major and stand by lamp	Best height of installation
ZF700/700	≥150,000 ±100,000 Lux	4000 ±500K	95-98	1200mm 1200mm	500 f/2 500 f/2	1402x1000mm	150W 150W	≥1,000h	AC110-240V 50/60Hz	Automatic range continuous light adjustment	Automatic	2100mm
ZF700/500	≥150,000 ±100,000 Lux	4000 ±500K	95-98	1200mm 1200mm	500 f/2 400 f/2	1402x1000mm	150W 150W	≥1,000h	AC110-240V 50/60Hz	Automatic range continuous light adjustment	Automatic	2000mm
ZF500/500	≥100,000 ±100,000 Lux	4000 ±500K	95-98	1200mm 1200mm	400 f/2 400 f/2	1402x1000mm	150W 150W	≥1,000h	AC110-240V 50/60Hz	Automatic range continuous light adjustment	Automatic	2100mm
ZF700	≥150,000 Lux	4000 ±500K	95-98	1200mm	500 f/2	1402x1000mm	150W	≥1,000h	AC110-240V 50/60Hz	Automatic range continuous light adjustment	Automatic	2500mm
ZF500	≥100,000 Lux	4000 ±500K	95-98	1200mm	400 f/2	1402x1000mm	150W	≥1,000h	AC110-240V 50/60Hz	Automatic range continuous light adjustment	Automatic	2100mm

OTHER CHOICE

ZF500 Current Arm

ZF500 On Wall

ZF500 Emergency On Ceiling

ZF700 Current Arm

ZF700 On Wall

ZF700 Emergency On Ceiling

PRODUCT MODEL



ZF700S



ZF600S



ZF500S

PRODUCT MODEL



ZF700E



ZF600E



ZF500E

ZF Series Technical Data

Type	Luminance	Colour temperature	Colour rendition index(Ra)	Illuminance depth	Total Incidence	Size of light field	IPM Rated power of bulb	Service life of luminant	Power supply voltage	Brightness adjustment	Shift of major axis tilted by steps
ZF700S	>190,000 Lux	4500 ± 500K	98-99	1000mm	800 N/m ²	100-200mm	160W	≥1,300h	AC110-240V, 50/60Hz	Automatic 3-stage continuous light adjustment	Automatic
ZF600S	>190,000 Lux	4500 ± 500K	98-99	1000mm	650 N/m ²	100-200mm	160W	≥1,300h	AC110-240V, 50/60Hz	Automatic 3-stage continuous light adjustment	Automatic
ZF500S	>130,000 Lux	4500 ± 500K	98-99	1300mm	480 N/m ²	150-250mm	157W	≥1,300h	AC110-240V, 50/60Hz	Automatic 3-stage continuous light adjustment	Automatic

ZF Series Technical Data

Type	Luminance	Colour temperature	Colour rendition index(Ra)	Illuminance depth	Total Incidence	Size of light field	IPM Rated power of bulb	Service life of luminant	Power supply voltage	Brightness adjustment	Shift of major axis tilted by steps	Emergency time
ZF700E	>110,000 Lux	4500 ± 500K	98-99	1000mm	800 N/m ²	100-200mm	160W	≥1,000h	AC110-240V, 50/60Hz	Automatic 3-stage continuous light adjustment	Automatic	12 hours
ZF600E	>110,000 Lux	4500 ± 500K	98-99	1000mm	650 N/m ²	100-200mm	160W	≥1,000h	AC110-240V, 50/60Hz	Automatic 3-stage continuous light adjustment	Automatic	10 hours
ZF500E	>110,000 Lux	4500 ± 500K	98-99	1300mm	480 N/m ²	150-250mm	157W	≥1,000h	AC110-240V, 50/60Hz	Automatic 3-stage continuous light adjustment	Automatic	12 hours

PRODUCT MODEL



ZF700/700 Camera on the arm



ZF700/500 Camera on the handle



ZF700/500 -TV Camera on the handle

ZF Series Camera Technical Data

Type	Pixels	SNR	Camera Shooting distance	Focal	Double side	Video frequency output	Vision power supply	Lowest height of installation
ZF700/700 Camera on the arm	2.08 million	≥45db	0.5-2m	F5.1-51.0mm	double	1.0/9-p750	12VDC±10%	3100mm
ZF700/500 Camera on the handle	2.08 million	≥45db	0.5-2m	F5.1-51.0mm	double	1.0/9-p750	12VDC±10%	3100mm
ZF700/500 Camera on the handle	2.00 million	≥45db	0.5-2m	F5.1-51.0mm	double	1.0/9-p750	12VDC±10%	2900mm

OTHER CHOICE

ZF700/700
Camera on the handle
ZF700/700
Camera on the handle
ZF700/500
Camera on the arm

ZF500/500
Camera on the arm
ZF500/500
Camera on the handle
ZF500/500
Camera on the handle

PRODUCT INSTRUCTION

- Excellent cold light:adopting LED as light source.without temperature rising.
- Excellent daylight quality and CRI meet the illumination needs of the doctors.
- Excellent lighting effect.unique optical system,homogenous light spot,high-definition.
- Long service life:LED life is up to 50,000 hours.
- Energy saving and environment-friendly.
- Flexible and stable balance arm suspension system contents various requirement on height and angle.



YD02-5W LED
On Wall



YD02-5 LED



YD02-5+5 LED

YD02 Series Technical Data

Type	Illuminance	Colour temperature	Colour rendition (Ra)	Illuminance depth	Total irradiance	Size of light field	Lamp head diameter	Rated power of bulb	Bulb	Power supply voltage	Bed height of installation
YD02-5W LED On Wall	≥100,000 LUX	4000±100K	92	≥1000mm	480W/m ²	160-220mm	300mm	3.25W	LED Bulb, 250,000h	AC110-240V, 50/60Hz	2300mm
YD02-5+5 LED On Ceiling	≥100,000 LUX ≥100,000 LUX	4000±100K	92 92	≥2000mm ≥800mm	480W/m ² 480W/m ²	160-220mm	300mm	3.25W	LED Bulb, 250,000h	AC110-240V, 50/60Hz	2600mm
YD02-5 LED On Ceiling	≥100,000 LUX	4000±100K	92	≥1000mm	480W/m ²	160-220mm	300mm	3.25W	LED Bulb, 250,000h	AC110-240V, 50/60Hz	2300mm

PRODUCT MODEL



YD01 SERIES TECHNICAL DATA

Type	Illuminance	Colour temperature	Colour rendition Index (Ra)	Illuminance depth	Total irradiance	Size of light field	Power supply voltage	(24V) Rated power of bulb	Bulb
YD01-5	≥10,000 Lux	3700±500K	85	900mm	517W/m ²	160-220mm	AC 220V/50-60 Hz (110V/60Hz custom-made)	25W	Cold light source
YD01-4	≥10,000 Lux	3700±500K	85	900mm	517W/m ²	160-220mm	AC 220V/50-60 Hz (110V/60Hz custom-made)	25W	Cold light source
YD01-5 LED	≥105,000 Lux	4800±300K	92	500mm	483W/m ²	160-220mm	AC 220V/50-60 Hz (110V/60Hz custom-made)	3.2V/1W	LED Bulb ≥30,000h
YD01-4 LED	≥80,000 Lux	4800±300K	92	500mm	484W/m ²	160-220mm	AC 220V/50-60 Hz (110V/60Hz custom-made)	3.2V/1W	LED Bulb ≥30,000h
YD01-I	≥12,000 Lux	3300±300K	90	/	439W/m ²	/	AC 220V/50-60 Hz (110V/60Hz custom-made)	25W	Cold light source
YD01-II	≥35,000 Lux Illuminance adjustable	3300±300K	90	/	439W/m ²	/	AC 220V/50-60 Hz (110V/60Hz custom-made)	50W	Tungsten halogen bulb
YD01-I LED	≥25,000 Lux Illuminance adjustable	4800±500K	90	/	450W/m ²	/	AC 220V/50-60 Hz (110V/60Hz custom-made)	3.2V/1W	LED Bulb ≥30,000h

PRODUCT MODEL



YD01-5E



YD01-5E LED



YD01-1E



YD01-1E LED



YD01-4E



YD01-4E LED

YD01 SERIES TECHNICAL DATA

Type	Illuminance	Colour temperature	Colour reduction (Ra)	Illuminance depth	Total irradiance	Size of light field	Power supply voltage	(24V) Rated power of bulb	Bulb	Emergency time
YD01-0E	≥50,000 Lux	3700±300K	15	300mm	5470W/m ²	180-220mm	AC 220V/50-60 Hz (110V/60Hz custom-made)	25W	Cold light source	≥2 hours
YD01-1E	≥50,000 Lux	3700±300K	15	300mm	5470W/m ²	180-220mm	AC 220V/50-60 Hz (110V/60Hz custom-made)	25W	Cold light source	≥2 hours
YD01-5E LED	≥100,000 Lux	4800±300K	12	300mm	4800W/m ²	180-220mm	AC 220V/50-60 Hz (110V/60Hz custom-made)	3.2V/1W	LED Bulb ≥50,000h	≥8 hours
YD01-4E LED	≥80,000 Lux	4800±300K	12	300mm	4800W/m ²	180-220mm	AC 220V/50-60 Hz (110V/60Hz custom-made)	3.2V/1W	LED Bulb ≥50,000h	≥8 hours
YD01-1E	≥12,000 Lux	3000±300K	15	/	4800W/m ²	/	AC 220V/50-60 Hz (110V/60Hz custom-made)	25W	Cold light source	≥2 hours
YD01-1E LED	≥25,000 Lux illuminance adjustable	4800±500K	13	/	4800W/m ²	/	AC 220V/50-60 Hz (110V/60Hz custom-made)	3.2V/1W	LED Bulb ≥50,000h	≥8 hours

PRODUCT MODEL



YD200(LED)



YD200ELED



YD200



YD200E



YD200CLED



YD200WLED



YD200C



YD200W

YD200 (LED) SERIES TECHNICAL DATA

Type	Illuminance	Colour temperature	Power supply voltage	Rated power of bulb	Lamp head diameter	Emergency time	Lowest height of installation
YD200(LED)	≥60,000 Lux	4000±300K	AC 220V/50-60 Hz (110V/60Hz custom-made)	3.2V/1W	180mm	/	/
YD200ELED	≥60,000 Lux	4000±300K	AC 220V/50-60 Hz (110V/60Hz custom-made)	3.2V/1W	180mm	26 hours	/
YD200GLED	≥60,000 Lux	4000±300K	AC 220V/50-60 Hz (110V/60Hz custom-made)	3.2V/1W	180mm	/	2300mm
YD200WLED	≥60,000 Lux	4000±300K	AC 220V/50-60 Hz (110V/60Hz custom-made)	3.2V/1W	180mm	/	2300mm

YD200 SERIES TECHNICAL DATA

Type	Illuminance	Colour temperature	Power supply voltage	(24V) Rated power of bulb	Lamp head diameter	Bulb	Emergency time	Lowest height of installation
YD200	≥60,000 Lux	4000±300K	AC 220V/50-60 Hz (110V/60Hz custom-made)	50W	180mm	Tungsten halogen bulb	/	/
YD200E	≥60,000 Lux	4000±300K	AC 220V/50-60 Hz (110V/60Hz custom-made)	50W	180mm	Tungsten halogen bulb	82 hours	/
YD200C	≥60,000 Lux	4000±300K	AC 220V/50-60 Hz (110V/60Hz custom-made)	50W	180mm	Tungsten halogen bulb	/	2300mm
YD200W	≥60,000 Lux	4000±300K	AC 220V/50-60 Hz (110V/60Hz custom-made)	50W	180mm	Tungsten halogen bulb	/	2300mm

PRODUCT INSTRUCTION

High performance and Energy Conservation

This product is using LED cold light source as light source of Surgical Luminaires, which is not only with low consumption of power and outstanding effect of energy conservation, but also has quick response and high efficiency of optical transition rate;

Durable Life

Under regular service conditions, the life of lamp bulb is not less than 20000 hours;

Adjustable Illumination

It has adjust illumination, which is able to meet your different requirements of illumination; The reflector makes light more bright, soft, and more close to natural light;

Emergency time

Model YD01-1SE is equipped with stand-by rechargeable battery, which is able to serve for 6 hours in terms of electrical outage;It is automatic rechargeable, automatic detective and protective, it does not affect the normal service.



YD01-1SA

TECHNICAL DATA

Model	Illuminance	Colour temperature	Size of light field	Lamp head diameter	Power supply voltage	Rated power of bulb	Emergency time
YD01-1SA	2100Lux @ 0.5m	4000±200K	100mm	110mm	AC 220V/50/60Hz (110V/40/60/50Hz)	1.2W(LED)	/

PRODUCT MODEL



YD01A(LED)

YD01W(LED)

YD01W

YD01A

EXAMINATION TECHNICAL DATA

Type	Illuminance	Color temperature	Size of light field	Brightness adjustment	Lamp head diameter	Power supply voltage	Rated power of bulb	Bulb life	Pole
YD01A(LED)	2100Lux @ 0.5m 19,000Lux 1m	4000±200K	100mm	Absolute adjustment	110mm	AC 110-220V 50-60Hz	1.2W	>10,000 hours	Adjust up and down
YD01W(LED)	2000Lux @ 0.5m 18,000Lux 1m	4000±200K	100mm	Absolute adjustment	110mm	AC 110-220V 50-60Hz	1.2W	>10,000 hours	/
YD01A	1600Lux @ 0.5m 14,000Lux 1m	4000±200K	100mm	Absolute adjustment	110mm	AC 110-220V 50-60Hz	12W/30W	>1000 hours	Adjust up and down
YD01W	25,000Lux @ 0.5m 15,000Lux 1m	4000±200K	100mm	Absolute adjustment	110mm	AC 110-220V 50-60Hz	10W/30W	>10000 hours	/

PRODUCT INSTRUCTION

HF-FSLED examination lamp is extensively applied in industry, medical treatment, jewelry, photography, scientific research etc., It is currently more advanced lighting equipments at home and abroad.



Adjust Focus

Adjust Focus Size 80-150 mm



- Uniform light distribution, clear illumination
- Brightness adjustable, light spot adjustable luminance: 40,000Lux 0.5m/26,000Lux1m

High Efficiency, Multi-Efficiency and Excellent Quality

This product is using LED cold light source as light source as light source of Surgical Luminaires, which is not only with low consumption of energy conservation, but also has quick response and high efficiency of optical transition rate.



Luminance Stepless Adjustment

Head shaking handle, one-hand control, light head can be arbitrarily rotated around 75 degrees, more convenient to use. Height adjustable, no fixed gear.

Adjustable Height

Free adjustment of brightness and digital infinite regulation of brightness are not easy for eyes working for a long time to produce fatigue.



TECHNICAL DATA

Type	Illuminance	Color temperature	Size of light field	Adjust	Rated power of bulb	Bulb	Crutch	Power
HF-FSLED	40,000Lux 0.5m/ 26,000Lux 1m	6000±500K	80-150mm at 1 meter.	Adjustable Light	12V/700mA	LED Bulb	Adjust Up /Down	110V-240V, 50Hz-60Hz

Operating Table

An operating table system is basically made up of three components: an operating table column, the table top and the transporter. Modern operating table systems are available as both stationary and mobile units. There are a wide range of table tops that can be used for both general surgery and for specialist disciplines. Mobile operating tables, however, tend to be equipped with a specific discipline in mind. The base, column and table top form a unit.



HFEOT99



Surgical bed is divided into electric operation bed and hydraulic operation bed

Unlike a mobile operating table which is usually employed in hospitals with small operating departments, for example, in ambulant operating rooms, modern operating table systems are characterised by their great mobility. They also have special table tops designed for a variety of surgical disciplines and, thanks to the ability to change these tops, they enable versatile use of an operating room. An operating table system with a stationary column is more stable and more hygienic. The better transport options improve the patient flow from the patient transfer unit and the operating room considerably. Finally, operating table systems with stationary columns enables control elements to be integrated into image procedures.

Operating Table

PRODUCT MODEL

MT600
Manual Hydraulic Operating Table



HFMH3008A
Manual Hydraulic Operating Table



HFMH700A
Electro-hydraulic Operating Table



1006 Traction Frame



HFMS3001B
Electro-hydraulic Operating Table

HFMH3008AB
Manual Hydraulic Operating Table



HF Series Operating Table

Type	Length and width for tabletop	Elevation (down/up)	Torso elevation / Power Trendelenburg	Lateral tilt (left/right)	Head rest (up/down)	Leg plate (up/down/ outward)	Back plate (up/down)	Knee bridge elevation
MT600	2000x610mm	330°/0°/180°	25°/0°	20°/120°	60°/15°	15°/90°/90°	70°/30°	120mm
HFMH3008A	2000x610mm	700°/0°/360°	25°/0°	15°/18°	45°/90°	90°	90°/10°	120mm
HFMH3001B	2010x630mm	700°/0°/180°	22°/0°	20°/50°	60°/10°	10°/90°/90°	70°/15°	120mm
HFMS3001B	1900x690mm	200°/0°/180°	15°/120°	15°/15°	35°/40°	90°	75°	80mm
HFMH700A	2050x630mm	660°/0°/360°	32°	20°/22°	44°/0°/1°	20°/90°/100°	85°/25°	130mm
1006 Traction Frame	1000x520mm	320°/90°	/	/	/	/	/	/

Operating Table

Engineered for increasingly complex surgical scenes, HFEO99X comes with intelligent automatic control system satisfying various demands of general surgeries. Extra wide tabletop, extreme loading system, long horizontal sliding that can be suitable for both X-ray and C-arm. HFEO99X is an ideal electric operating table.

Longitudinal slide up to 350mm for free access to C-arm
 Extreme weight load capacity of 250kgs with highest safety and stability
 Memory pad with antistatic, waterproof design
 Standard override panel control makes the control safer
 Battery power for 50-80 operations



HFEO99X

Optional electric leg plate with LCD hand remote control



1, Longitudinal shift: the longitudinal shift of up to 350MM enables optimum access with the C-arm without needing to reposition the patient or to reverse the positioning of the patient. Each selected fluoroscopy point may easily be moved in front of or behind the column and ensures comfortable access to the patient from initiation to surgery.

- 2, It can easily be moved to any desired position as four castors.
- 3, Leg plate: imported gas spring for easy controls.
- 4, Two joint head plate.
- 5, Built-in kidney bridge.
- 6, Double control system.



Operating Table

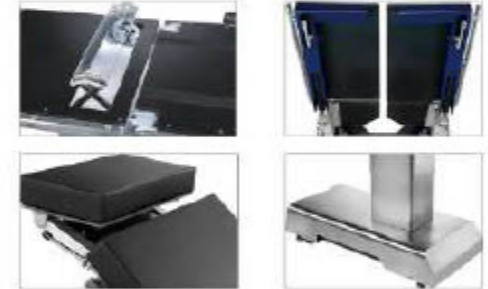
Engineered for increasingly complex surgical scenes, HFEOT99S comes with intelligent automatic control system satisfying various demands of general surgeries. Extra wide tabletop, extreme loading system, long horizontal sliding that can be suitable for both X-ray and C-arm. HFEOT99S is an ideal electro-hydraulic operating table.

Longitudinal slide up to 350mm for free access to C arm
 Extreme weight load capacity of 300kgs with highest safety and stability
 Memory pad with antistatic, waterproof design
 Standard override panel control makes the control safer
 "EASY CLICK" leg plate control by electro-hydraulic and manual
 Battery power for 50-80 operations

HFEOT99S



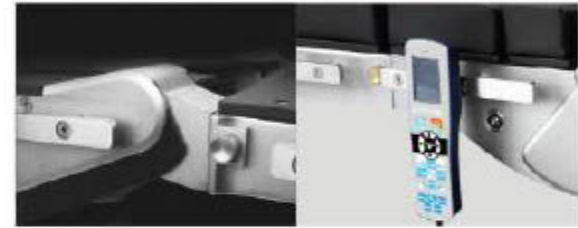
1. Maximum 350mm motorised longitudinal shift for flexible use of the C-arm.
2. "EASY CLICK" for simple and quick module changes.
3. Leg plate: Imported gas spring for easy controls.
4. One button reposition function, designed and made specially for X-ray and C-arm use
5. Double control system.
6. Built-in kidney bridge.



Operating Table

- 1/Longitudinal slide up to 310mm for free access to C-arm without repositioning the patient.
- 2/Extreme weight load capacity of 350 kg with highest safety and stability.
- 3/Modular design tabletop tailored for various surgical discipline needs.
- 5/Memory pad with antistatic , waterproof design.
- 6 /Standard override panel control makes the control safer.
- 4/TheEasy click new mounting point enables the table adapted to wide variety of surgery and patients' height.
- 7/Maximum and minimum heights of the ET800 ,for comfortable working ,both seated and standing.

HFEOT100



General Surgery



Lateral Lying Position For Chest
Kidney,cholecyst Operation



ENT Operation Position



Chest And Abdomen Operation Position



Optional Lateral Arm Support



Anorectum Operation Position

PRODUCT MODEL

HFECT99X
Electric Operating Table



HFECT99
Electric Operating Table



HFECT99S
Electro-hydraulic Operating Table

HFECT100
Electro-hydraulic Operating Table



HFECT99C
Electro-hydraulic Operating Table



HFECT2000
Electro-hydraulic Operating Table



HFECT99D
Electro-hydraulic Operating Table



HF Series Operating Table

Type	Length and width for tabletop	Elevation (down/up)	Trendelenburg/Reverse Trendelenburg	Table tilt (left/right)	Head rest (up/down)	Footplate (up/down/horizontal positioning)	Back plate (up/down)	Kidney bridge	Longitudinal Sliding	Power
HFECT100X	2'08"950mm	710°/110mm	35°/25°	15°/15°	40°/60°	60°/0°/15°	35°/20°	110mm	350mm	220V 50Hz 1.0kW
HFECT99	2079°920mm	730°/100mm	20°/25°	15°/15°	40°/60°	15°/0°/20°	75°/20°	110mm	300mm	220V 50Hz 1.0kW
HFECT99C	1965°503mm	680°/100mm	30°/30°	18°/18°	40°/60°	15°/0°/50°	90°/40°	110mm	350mm	220V 50Hz 1.0kW
HFECT2010	2030°485mm	600°/80mm	22°/22°	17°/17°	45°/60°	60°/0°/30°	75°/20°	110mm	-	220V 50Hz 1.0kW
HFECT99D	1965°503mm	680°/100mm	30°/30°	18°/18°	40°/60°	15°/0°/50°	90°/40°	-	300mm	220V 50Hz 1.0kW
HFECT99S	2108°550mm	680°/100mm	30°/30°	20°/20°	40°/60°	15°/0°/50°	90°/40°	110mm	350mm	220V 50Hz 1.0kW
HFECT100S	2130°550mm	620°/100mm	35°/35°	20°/20°	40°/60°	40°/0°/140°	60°/40°	100mm	310mm	220V 50Hz 1.0kW

PRODUCT MODEL

HFMPB06B
Gynecological And Obstetric Table



HFEPB99B
Electric Gynecological And Obstetrics Table

HFMPB06C
Gynecological And Obstetrics Table



HFEPB99
Electro-hydraulic Obstetrics Table

HFOOT99 is hydraulic operating table for Ophthalmology with full affinity profile, made of full 304 stainless steel.



HFOOT99
Manual Hydraulic Operating Table

HF Series Operating Table

Type	Length and width by table top	Elevation (down/up)	Trendelenburg/Reverse Trendelenburg	Back plate (up/down)	Power
HFMPB06B	1830/606mm	85/620mm	28°/0/28°	65°/10°	/
HFEPB99B	1733/610mm	65/660mm	8°/0°	40°/7°	220V 50Hz 1.0kW
HFMPB06C	1830/606mm	85/660mm	8°/0°	65°/18°	/
HFEPB99C	1850/688mm	60/600mm	11°/0°	65°/10°	220V 50Hz 1.0kW
HFOOT99	2000/530mm	500/700mm	/	/	/

Product model

HFOOT99A Electric mechanical operating table (ophthalmology)



The main technical parameters

Model	Table length Table width	Minimum height of table Table lifting stroke	Folding angle of head plate	Folding angle of back panel
HFOOT99A	≥2380mm ≥550mm	≤500mm ≥200mm	≥40° ≥90°	≥40° ≥20°

Standard accessories

Salt water rack	Instrument basin	Support board	Head cushion
1	1	2	1

Ophthalmic bed product details

1. Foot control: There are multiple sets of different functions, which are more convenient for doctors to operate.
2. Through the foot control, you can dexterously adjust the elevation of the table top and the back panel to fold up and down.
3. Detachable head plate: It is adjusted by mechanical gears, which makes the operation more healthy.



Electric chair details (optional)

1. The armrests are adjustable.
2. The backrest can be adjusted in height.
3. Chair lift: There are two buttons on the chair base. The doctor can adjust it by stepping on.
4. The height of the joint is better for the operation.

Product model
1006 Orthopedic Traction Frame



The main technical parameters

Model	Seat plate elevation range	Footrests displacement	Leg support minimum height	Leg support elevation range	Adjustment of the foot plates' angle range	The angle range of main horizontal support frame	Traction length	Traction width	Seat plate minimum height
1006	30°-90°	>300mm	<700mm	>270mm	360°	0-180°	>1650mm	58-630mm	<750mm

Standard accessories

Lateral Support	Knee Support	Straight Cylinder Holder	Lateral adaptor
1	1	1	1

Product model
1007 Orthopedic Traction Frame



The main technical parameters

Model	Seat plate elevation range	Footrests displacement	Leg support minimum height	Leg support elevation range	Adjustment of the foot plates' angle range	The angle range of main horizontal support frame	Traction length	Traction width	Seat plate minimum height
1007	30°-90°	>300mm	<700mm	>330mm	360°	0-180°	>1820mm	58-630mm	<650mm

Standard accessories

Lift Crank Handle	Lateral Support	Knee Support	Straight Cylinder Holder
1	1	1	1

■ Pendant

The structure is simple, compact and easy to use. It is an ideal medical gas power supply, network output terminal and instrument bearing workstation in the operating room. The installation adopts the ceiling hanging mode, which can rotate within 340 degrees of the original position. The height of the equipment enables the medical and gas personnel to raise their hands and be handy.



HFZ-L(N)
Function Column



HFZ-L
Function Column



HFZ-L(O)
Function Column

It is an indispensable medical auxiliary equipment in the operating room of small hospitals. The rotation angle $\leq 340^\circ$ does not rise or fall vertically. It is a new and practical auxiliary equipment for ICU. With compact structure and less space, it can realize one bed per column or two beds per column according to the requirements. It is an ideal nursing workstation for ICU in small hospitals with limited area of main ward.

Technical specification and configuration
Arm rotating radius: 300mm+800mm
Arm rotating angle: 340°
Braking system: friction brake
Maximum load capacity: 120kg
Standard configuration
Medical gas terminal units (perion BS standard or DIN standard)
2 × oxygen terminal units
2 × vacuum terminal units
1 × medical air terminal unit
Electrical socket (Australia Clipsel / Schneider)
6 × China type 3 pin 10A sockets
2 × earth studs
Anatomies
2 × equipment shelves
1 × drawer
1 × IV pole & infusion pump rack

■ Pendant

The structure is simple, compact and easy to use. It is an ideal medical gas power supply, network output terminal and instrument bearing workstation in the operating room. The installation adopts the ceiling hanging mode, which can rotate within 340 degrees of the original position. The height of the equipment enables the medical and gas personnel to raise their hands and be handy.



HFZ-X(N)
Function Column



HFZ-X
Function Column



HFZ-X(O)
Function Column

It is an indispensable medical auxiliary equipment in the operating room of small hospitals. The rotation angle $\leq 340^\circ$ does not rise or fall vertically. It is a new and practical auxiliary equipment for ICU. With compact structure and less space, it can realize one bed per column or two beds per column according to the requirements. It is an ideal nursing workstation for ICU in small hospitals with limited area of main ward.

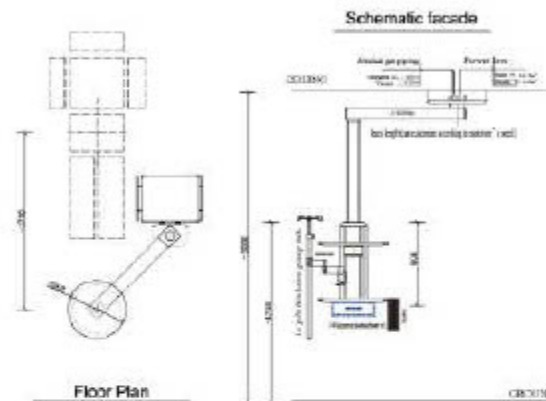
Technical specification and configuration
Arm rotating radius: 600mm+800mm
Arm rotating angle: 340°
Braking system: friction brake
Maximum load capacity: 120kg
Standard configuration
Medical gas terminal units (perlon BS standard or DIN standard)
2 * oxygen terminal units
2 * vacuum terminal units
1 * medical air terminal unit
Electrical socket (Australia Clisol / Schneider)
6 * China type 3 pin 10A sockets
2 * earth studs
Accessories
2 * equipment shelves
1 * drawer
1 * N pole Sinfuelon pump rack

Pendant

The structure is simple, compact and easy to use. It is an ideal medical gas power supply, network output terminal and instrument bearing workstation in the operating room. The installation adopts the ceiling hanging mode, which can rotate within 340 degrees of the original position, and is equipped with mechanical brake to prevent floating.



The height of the equipment enables the medical and gas personnel to raise their hands, and is an indispensable medical auxiliary equipment in the operating room of small and medium-sized hospitals. Rotation angle $\leq 340^\circ$ single rocker does not rise and fall.



Installation Instructions:

The related contractor should be responsible for the gas piping/power line communication line;

1. Laying medical gas supplying line to the anchoring point of the pendant, putting the gas piping into the pendant, angle branch radius: $R=30mm$. The diameter requirements for the gas piping: 10mm (vacuum), others 6mm (oxygen etc).
2. For laying power lines, communication lines to the positioning point of the pendant, the reserved length shall be guaranteed $\geq 1m$ after spreading to the ground. For power line: 3x2.5mm², 1x6mm²

- ★ Hot sale color blue
- ★ According to customer's need or customize according to locate

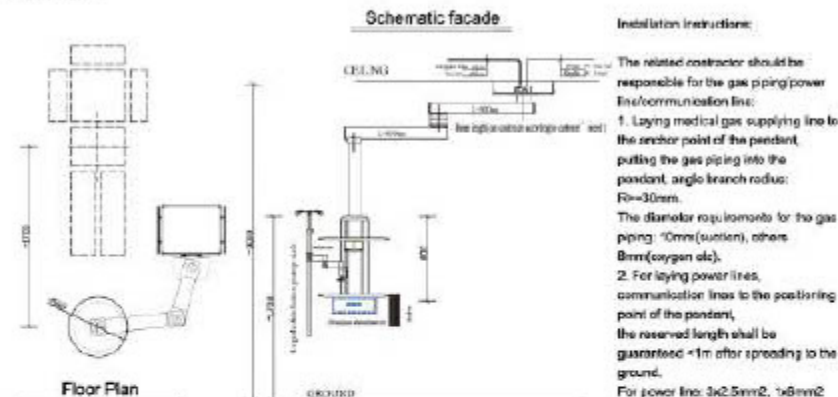
Technical specification and configuration
Arm rotating radius: 1000mm
Arm rotating angle: 340°
Braking system: friction brake
Maximum load capacity: 160kg
Standard configuration:
Medical gas terminal unit is (perlonBS standard or DIN standard)
2 * oxygen terminal units
2 * vacuum terminal units
1 * medical air terminal unit
Electrical socket (Australia Clipsal / Schneider)
6 * China type 3 pin 10A sockets
2 * earth studs
Accessories
2 * equipment shelves
1 * drawer
1 * N pole 8infusion pump rack

Pendant

The structure is simple, compact and easy to use. It is an ideal medical gas power supply, network output terminal and instrument bearing workstation in the operating room. The installation adopts the ceiling hanging mode, which can rotate within 340 degrees of the original position, and is equipped with mechanical brake to prevent floating.



The height of the equipment enables the medical and gas personnel to raise their hands, and is an indispensable medical auxiliary equipment in the operating room of small and medium-sized hospitals. Rotation angle $\leq 340^\circ$ single rocker does not rise and fall.



- ★ Hot sale color blue
- ★ According to customer's need or customize according to locale

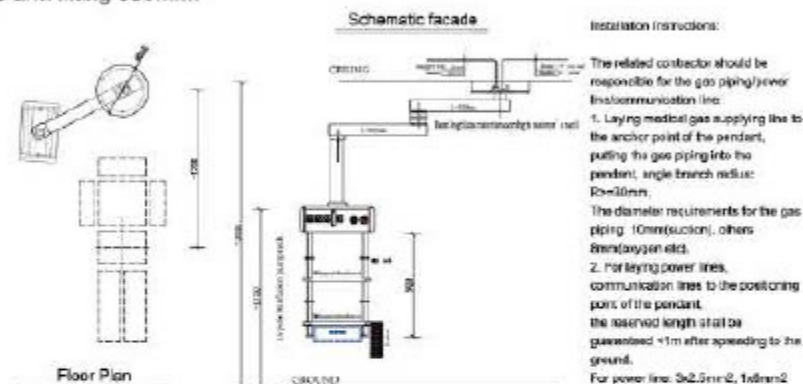
Technical specification and configuration
Arm rotating radius: 800mm+300mm
Arm rotating angle: 340°
Braking system: friction brake
Maximum load capacity: 120kg
Standard configuration
Medical gas terminal units (perfor BS standard or DIN standard)
2 × oxygen terminal units
2 × vacuum terminal units
1 × medical air terminal unit
Electrical socket (Australia C type / Schneider)
6 × China type 3 pin 10A sockets
2 × earth studs
Accessories
2 × equipment shelves
1 × drawer
1 × IV pole & infusion pump rack

Pendant

It is a new and practical medical auxiliary equipment commonly used in modern operating room. Its structure is compact and its design is reasonable. It can not only lift by electric power but also rotate 340 degrees within a certain diameter range. When it is lowered, the medical staff can reach it, and when it is raised, it will not affect any work. Besides, it is equipped with mechanical brake to prevent floating.



It can easily move and fix the lower body position according to the requirements of medical staff. The necessary medical gas, attraction, strong and weak current, and network output terminals are concentrated on the platform function box. The platform can carry a certain weight of medical equipment. It is an ideal platform workstation for medical gas, power supply and instrument for medical staff. Rotation angle $\leq 340^\circ$ single arm lifting 500mm.



- ★ Hot sale color blue
- ★ According to customer's need or customize according to locate

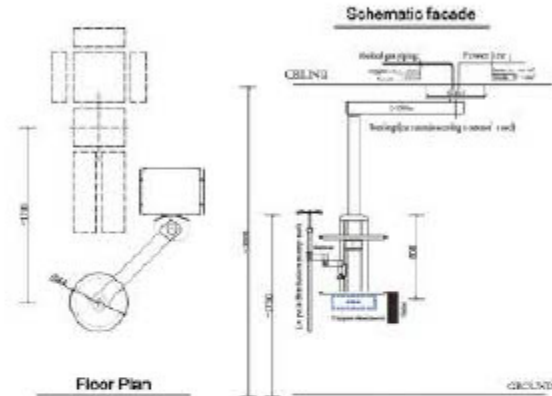
Technical specification and configuration
Arm rotating radius: 600mm+600mm
Arm rotating angle: 340°
Braking system: friction brake
Maximum load capacity: 120kg
Standard configuration
Medical gas terminal units (perfor: B5 standard or DIN standard)
2 × oxygen terminal units
2 × vacuum terminal units
1 × medical air terminal unit
Electrical socket (Australia Clipsal / Schneider)
8 × China type 3 pin 10A socket
2 × earth studs
Accessories
2 × equipment shelves
1 × drawer
1 × IV pole & infusion pump rack

Pendant

It can be easily moved to any area of the operating table according to your needs. It is convenient, practical and easy to operate. It is an ideal mobile working system for medical gas, power network output terminal and treatment instrument bearing platform in large and medium-sized operating rooms. Rotation angle $\leq 340^\circ$ electric lifting, single arm lifting 500mm.



Applicable areas: operating room, emergency room, intensive care unit, recovery room. The installation adopts the ceiling hanging mode, which can rotate within 340° range, and accurately adjust the position of the terminal box. The height of the equipment enables the medical staff to raise their hands and be handy.



Installation Instructions:

The related contractor should be responsible for the gas piping/power line/communication line:

1. Laying medical gas supplying line to the anchor point of the pendant, putting the gas piping into the pendant, angle branch radius: $R=30mm$. The diameter requirements for the gas piping: 10mm(oxygen), others 8mm(oxygen etc).
2. For laying power lines, communication lines to the positioning point of the pendant, the reserved length shall be guaranteed $\geq 1m$ after spreading to the ground. For power line: $3 \times 2.5mm^2$ 1x6mm²

- ★ Hot sale color blue
- ★ According to customer's need or customize according to locate

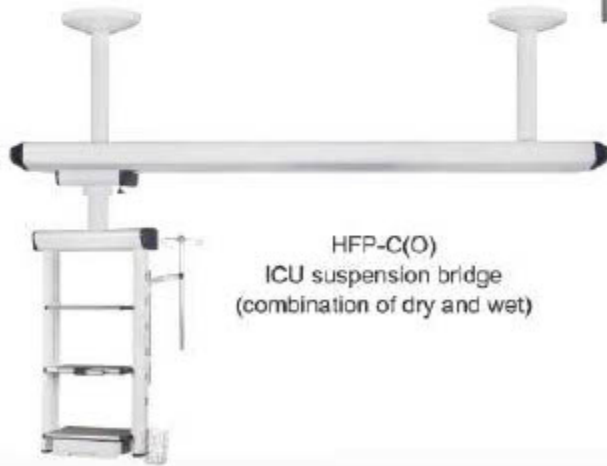
Technical specification and configuration
Arm rotating radius: 1000mm
Arm rotating angle: 340°
Braking system: friction brake
Maximum load capacity: 160kg
Standard configuration
Medical gas terminal units (senior/BS standard or DIN standard)
2 * oxygen terminal units
2 * vacuum terminal units
1 * medical air terminal unit
Electrical socket (Australia Cipsel / Schneider)
6 * China type 3 pin 10A sockets
2 * earth studs
Accessories
2 * equipment shelves
1 * drawer
1 * IV pole & infusion pump rack

■ Pendant

It is a bridge type suspension system specially designed for adult or infant intensive care unit, whole process care and recovery room. It provides flexible and optimal bedside nursing process, which meets the needs of individual treatment and nursing of patients. Its unique design is that the hidden cables and pipelines are not exposed in the lower. Modular design, diversified combination. Advanced spray technology and innovative intelligent combination mode make suspension bridge have diversified functions.



HFP-C
ICU suspension bridge
(combination of dry and wet)



HFP-C(O)
ICU suspension bridge
(combination of dry and wet)

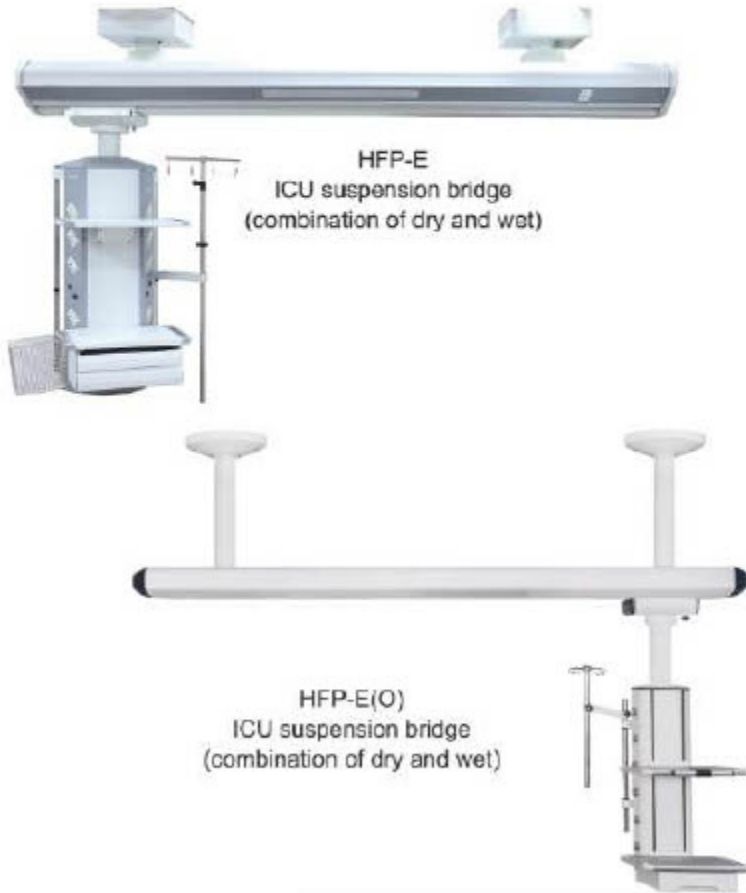
On the basis of ICU suspension bridge (dry wet separation), the functional configuration of the rotary arm suspension bridge in ICU is simplified, and the dry and wet sections are combined into one. Its structure is simple, easy to use and space saving. It is suitable for children intensive care, small area care area and emergency room. The rotation angle is less than 340° and the left and right movement is 500mm.



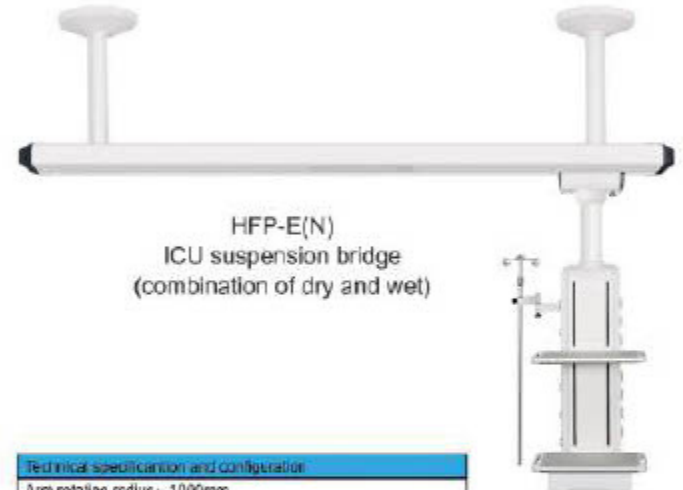
HFP-C(N)
ICU suspension bridge
(combination of dry and wet)

Technical specification and configuration
Arm rotating radius: 1000mm
Arm rotating angle: 340°
Braking system: friction brake
Maximum load capacity: 160kg
Standard configuration
Medical gas terminal units (per EN85 standard or DIN standard)
2 * oxygen terminal units
2 * vacuum terminal units
1 * medical air terminal unit
Electrical socket (Australia: Gress / Schneider)
6 * China type 3 pin 10A sockets
2 * earth studs
Accessories
2 * equipment shelves
1 * drawer
1 * IV pole & infusion pump rack

It is a bridge type suspension system specially designed for adult or infant intensive care unit, whole process care and recovery room. It provides flexible and optimal bedside nursing process, which meets the needs of individual treatment and nursing of patients. Its unique design is that the hidden cables and pipelines are not exposed in the tower. Modular design, diversified combination. Advanced spray technology and innovative intelligent combination mode make suspension bridge have diversified functions.



On the basis of ICU suspension bridge (dry wet separation), the functional configuration of the rotary arm suspension bridge in ICU is simplified, and the dry and wet sections are combined into one. Its structure is simple, easy to use and space saving. It is suitable for children intensive care, small area care area and emergency room. The rotation angle is less than 340° and the left and right movement is 500mm.



Technical specification and configuration
Arm rotating radius: 1000mm
Arm rotating angle: 340°
Braking system: friction brake
Maximum load capacity: 100kg
Standard configuration
Medical gas terminal units (perfor BS standard or DIN standard)
2 × oxygen terminal units
2 × vacuum terminal units
1 × medical air terminal unit
Electrical socket (Australia Clinical / Schneider)
6 × China type 3 pin 10A sockets
2 × earth studs
Accessories
2 × equipment shelves
1 × drawer
1 × IV pole & infusion pump rack

■ Pendant

Used in hospital ICU wards, it is a necessary medical rescue auxiliary equipment for modern intensive care units, mainly composed of bridge, dry section and wet section. It is characterized by a reasonable dry and wet separation structure, and the wet section is equipped with an infusion stand and an infusion pump stand with flexible lifting. The dry and wet section is equipped with a liftable and adjustable medical monitoring instrument platform.

The moving and rotating part adopts mechanical braking to prevent drift, and the center of the bridge is equipped with an illuminated treatment lamp. It provides lighting solutions for clinical treatment. In addition, communication paging, monitoring, video phone, background music, teaching and remote consultation systems can be selected according to your requirements. Rotation angles: 340°.



HFP-C+E/HFP-C+S
ICU suspension bridge
(Dry and wet separation)



HFP-C+E/HFP-C+S
ICU suspension bridge
(Dry and wet separation)

■ Pendant

The three arm combined crane tower is a new and practical medical auxiliary equipment specially designed for modern large-scale operating room. The platform can bear the weight of medical equipment. The tower body is equipped with a multi-layer platform with compact structure and reasonable design. It can rotate 340 degrees within a certain diameter range, and is equipped with mechanical brake to prevent drift.

It can easily move and fix the tower according to the requirements of medical staff. The necessary medical gas, attraction, strong and weak current, and network output terminals are concentrated on the platform function box. It is an ideal platform workstation for medical gas, power supply and instrument for medical staff. The rotation angle of the three arms is less than 340 degrees.



HFP-S+S
ICU double pendant
(Dry and wet separation)



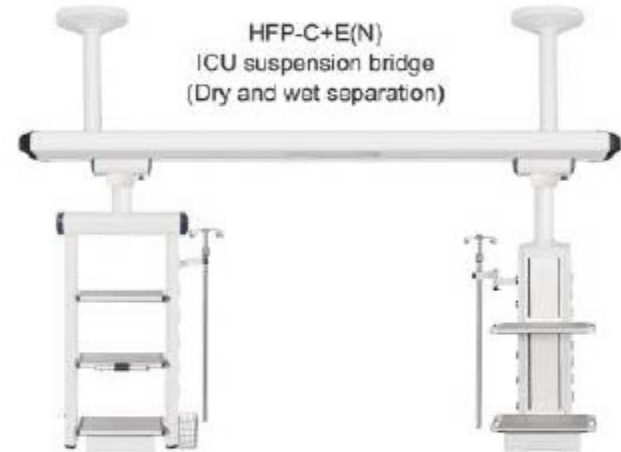
HFP-S+S(O)
ICU double pendant
(Dry and wet separation)

■ Pendant

Used in hospital ICU wards, it is a necessary medical rescue auxiliary equipment for modern intensive care units, mainly composed of bridge, dry section and wet section. It is characterized by a reasonable dry and wet separation structure, and the wet section is equipped with an infusion stand and an infusion pump stand with flexible lifting. The dry and wet section is equipped with a liftable and adjustable medical monitoring instrument platform.



The wet section adopts a cantilever structure to increase the treatment space, the moving and rotating part adopts mechanical braking to prevent drift, and the center of the bridge is equipped with an illuminated treatment lamp. It provides lighting solutions for clinical treatment. In addition, communication paging, monitoring, video phone, background music, teaching and remote consultation systems can be selected according to your requirements. Rotation angles $\leq 340^\circ$.



Technical specification and configuration
Arm rotating radius: 1030mm
Arm rotating angle: 340°
Braking system: friction brake
Maximum load capacity: 160kg
Standard configuration:
Medical gas terminal units (optional BS standard or DIN standard)
2 × oxygen terminal units
2 × vacuum terminal units
1 × medical air terminal unit
Electrical socket (Australia C15 or Schneider)
6 × China type 3 pin 10A sockets
2 × earth studs
Accessories
2 × equipment shelves
1 × drawer
1 × N pole & infusion pump rack

■ Pendant

It is used in ICU ward of hospital. It is the necessary medical rescue auxiliary equipment in modern intensive care unit. It is mainly composed of bridge, dry section and wet section. It is characterized by reasonable structure of dry and wet separation, and flexible lifting and lifting infusion frame and infusion pump frame are equipped in wet section. The dry wet section is equipped with a lifting and adjustable medical monitoring instrument platform. In the dry and wet section, oxygen, air, suction, strong and weak current, and network input terminals are respectively configured on the tower body accessible to medical staff.

*2 beams with lighting, beam length 4.4 m ~ 5 m	
Intermediate box:	
*2 oxygen (O2)	2 air
*2 vacuum suction (VAC)	*6 x 10A power outlets
*1 network socket	*1 telephone socket
*1 grounding terminal	
Boxes on both sides:	
*2 oxygen (O2)	*2 air
*2 vacuum suction (VAC)	*7 10A power outlets
*1 network socket	*1 grounding terminal

The cantilever structure is used in wet section to improve the treatment space. Mechanical braking is used to prevent the floating of the moving rotating part. The central part of the bridge is equipped with lighting treatment lamp. Lighting solutions are provided for clinical treatment. In addition, communication paging, monitoring, video phone, background music, teaching and remote consultation systems can be selected according to your requirements. Rotation angle ≤ 340 degrees.



HFP-E+S+E(O) ICU suspension bridge
(dry wet separation)

The infusion suspension bridge combines the functions of the equipment belt and suspension bridge, and the bridge is equipped with oxygen, suction, and power.

The bottom of the bridge is equipped with infusion hooks. Its structure is simple, convenient to use, space saving, and suitable for infusion halls and hemodialysis rooms.



HFP-DQSY-1
Infusion hanger

Rectangular style ceiling mounted bridge

Optional shape: square/U-shape



90 Degree rotator

- 1 Patented technology for rotator part in the turning, Conducive to all-round mobiling
- 2 Ergonomic arc-shaped handle guarantees the safest use

Optional LED illuminating system

- 1 Help gathering the non-glare light on the bridge top
- 2 Adjust light brightness and colour freely
- 3 Meet the illumination environment of operation room
- 4 Identify easily the condition of operation room
- 5 Adjust better to illumination of endoscopy operation area when using color of green

★ According to customer's need or customize according to locate

Configuration (each)	Quantity
* Main beam 3400MM	1
* Hangor 1400MM	1
* Instrument platform	3
* Self-priming drawer	1
* Double extension arms	2
* Infusion rod	2
* Mesh basket 300x150x100mm (length>width>height)	2
* Oxygen terminal	2
* Attract the terminal	2
* Air terminal	2
* Carbon dioxide terminal	1
* Nitrous oxide terminal	1
* Exhaust emission terminal	1
* Power outlet	12
* Network Interface	2
* Ground terminal	2

Pendant device and system

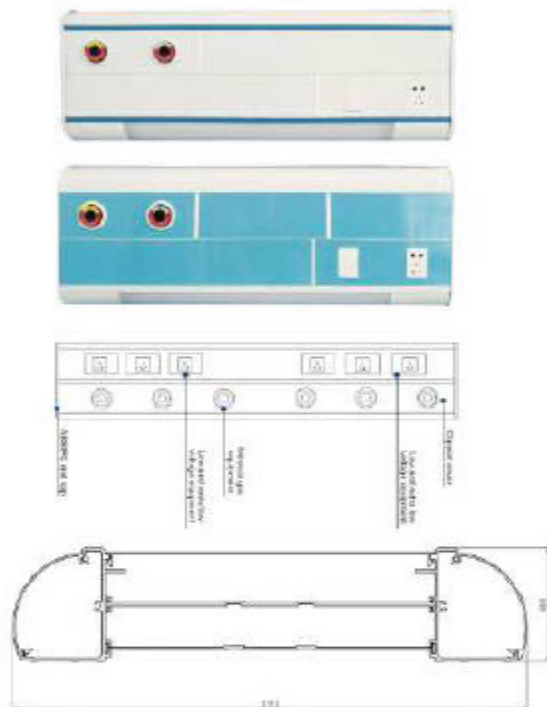
- 1 Universal rail under the beam can hang varieties of workstations
2. Optional workstations can meet clinical usage
3. Optional and diversified workstation accessories can meet personal need

Ergonomic electricity and gas supplying system

1. Supply with multiple connectors of gas, power, data in 3 or 4 interfaces
2. Supply with gas, power and data both inside and outside interface

★ According to customer's need or customize according to locate

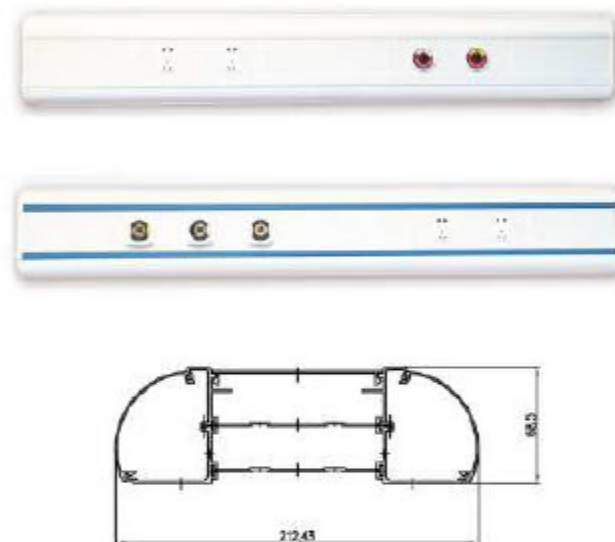
Bed Head Unit



Instruction:

1. It is made of high strength aluminum alloy material, static electricity spray coating process as a whole, beautiful appearance, wear-resistant and easy to clean.
2. The gas separated from the strong and weak circuit dual-channel setting, safe and reliable to meet international standards for medical devices.
3. Optional power sockets, lighting, call, intercom, gas terminal, data terminals, reservation required mounting holes according to the hospital.
4. Standard length is 1.2-1.5m, it can be adjusted according to the actual length of the field.
5. The color of bedhead unit panel and side panels are based on the requirement of hospital, it could also be customized based on the room wall color.
6. The Bedhead Unit is approved by CE, ISO9001 and ISO13485 certificate.

Bed Head Unit With Nurse Call



Sixteen Styles Bed Head Unit

Instruction:

1. It is made of high strength aluminum alloy material, static electricity spray coating process as a whole, beautiful appearance, wear-resistant and easy to clean.
2. The gas separated from the strong and weak circuit dual-channel setting, safe and reliable to meet international standards for medical devices.
3. Optional power sockets, lighting, call, intercom, gas terminal, data terminals, reservation required mounting holes according to the hospital.
4. Standard length is 1.2-1.5m, it can be adjusted according to the actual length of the field.
5. The color of bedhead unit panel and side panels are based on the requirement of hospital, it could also be customized based on the room wall color.
6. The Bedhead Unit is approved by CE, ISO9001 and ISO13485 certificate.

PRODUCT MODEL

Patient monitor



HF-8000D



HF-8000B



HF-8000C



HF-8000A

PRODUCT MODEL

Electrosurgical Unit



HF-350AR



HF-350A



LEEP



HF-350C

Output Rating:

0.7J/pt: 400W (Load 500Ω) b) Blend 1: 200W (Load 500Ω) c)

Blend 2: 150W (Load 500Ω)

Electro Coag 1: 120W (Load 600Ω) Electro Coag 2: 80W (Load 600Ω)

Bipolar Coag 1: 50W (Load 200Ω)

Argon: Dual Argon airflow adjustment, accuracy: 0.1 L/min; Power: 220V±22V, 50Hz±1Hz

Technical Parameters

1. Ambient temp. range: 5°C~40 °C;
2. Relative Humidity Range: ≤80%;
3. Atmospheric Pressure Range: 86.0~108.0kpa;
4. Power: 220V±22V, 50Hz±1;
5. Operating Freq.: 330~460kHz;
6. Rated Power: 680VA±10%;
7. Type: CF

Power Consumption: ≤1100VA (Cut function 400)

Transportation and Storage:

Ambient Temp. Range: -40 °C ~ 55 °C; Relative Humidity: ≤95%; Atmospheric Pressure: 500hpa ~ 1080hpa;

Type	Mean Pressure	Respiratory rate range	Heart Rate	SpO ₂	Systolic Pressure	Diastolic pressure	Thermistor	Pulse Rate	Blood pressure test model
HF-8000A	20~160 mmHg	0~120bpm	0.5Hz~150Hz	30mmHg~280mmHg 170mmHg	40~270 mmHg	10~215 mmHg	33°~43°	20~250	Automatic/manual
HF-8000B	20~160 mmHg	0~120bpm	0.5Hz~150Hz	32mmHg~280mmHg 170mmHg	40~270 mmHg	10~215 mmHg	33°~43°	20~250	Automatic/manual
HF-8000C	20~160 mmHg	0~120bpm	0.5Hz~150Hz	30mmHg~280mmHg 170mmHg	40~270 mmHg	10~215 mmHg	33°~43°	20~250	Automatic/manual
HF-8000D	20~160 mmHg	0~120bpm	0.5Hz~150Hz	30mmHg~280mmHg 170mmHg	40~270 mmHg	10~215 mmHg	33°~43°	20~250	Automatic/manual

PRODUCT MODEL

Fingertip Pulse Oximeter

A3

High accuracy and durability
SpO2, PR, SpO2 bar graph and pulse waveform display



Features:

- *Dual color OLED display.
- *Dual color OLED display with four directions.
- *Compact and power-saving.
- *Battery capability indication.
- *High accuracy and durability.
- *SpO2, PR, SpO2 bar graph and pulse waveform display.
- *Power supply: two standard AAA batteries.
- *Operation menu for function setting.
- *Automatic switch-off function for power-saving.
- *Dimension: 58mm*38mm*32mm



A2



H1

Features:

- *Dual color OLED display.
- *Four directions with six display modes.
- *High accuracy and durability.
- *Battery capability indication.
- *SpO2, PR, SpO2 bar graph and pulse waveform display.
- *Power supply: two 1.5V AAA batteries.
- *Operation menu for function setting.
- *Automatic switch-off function for power-saving.
- *Power consumption: below 30mAh
- *Dimension: 58mm*35mm*30mm
- *Standard Configuration: SpO2, PR
- *Optional Configuration: USB, Menu function



Specification:

1. SpO2: Measurement range: 70%~99%
Accuracy: $\pm 2\%$ (80%~99%), $\pm 3\%$ (70%~79%), 0%~69% unspecified
Resolution: 1% Low perfusion: <0.4%
2. PR: Measurement range: 30bpm~240bpm Accuracy: ± 1 bpm or $\pm 1\%$

PRODUCT MODEL

Volumetric Infusion Pump

Classic peristaltic finger pump design, accept different brand and material international standard IV set, the deviation is within $\pm 5\%$ after calibration, Adjust level design to meet infusion needs in ICU, NICU, Pediatrics, Geriatrics, Oncology dept, etc. Double CPU to make infusion much safer and more effective.

HF-IPA112 Infusion Pump



HF-SPA112
Single Channel Injection Pump



- 1、 High-accuracy infusion control, compatible with most standard IV Sets.
- 2、 Reminding of starting infusion, and residual time display.
- 3、 Alarm threshold of air bubble and pressure can be adjusted, and alarm volume is also adjustable.
- 4、 Accompanying IV-set clamp prevents liquid flowing freely if the pump door opens accidentally.
- 5、 A.B.S——ANTI BOLUS system prevents a moment's high-dose injection from the sudden obstruction disappearing.

- 6、 Automatic flow shut-off during alarms. (except for "NEAR END", "KVO", and "LOW BATTERY" alarms)
- 7、 Compact aluminium enclosures and robust construction.
- 9、 USB port is convenient for technical personnel to update software.
- 10、 The versatile bracket enables mounting the pump on infusion pole in many directions , which can save the space.
- 11、 Suppliers can calibrate to the new IV set provided by user, and input parameters into infusion pump to ensure accuracy.

HF-SPA122
Double Channel Injection Pump



QZ Pneumatic Tourniquet

This tourniquet is intended for use in operation on limbs in hospital to arrest bleeding of limbs through manual pneumatic method. This product has such characteristics as small size, portable weight, convenient for use and good blood arresting effect. Three sizes of pneumatic tourniquet are available, large-sized, medium-sized and small-sized, respectively for adult lower limbs, adult upper limbs and child's lower limbs and child upper limbs.



Technical Data

Type	Air pressure limit	Package	Gross weight	Qty./Package
QZ-1	0-0.12MPa(positive)	48×39×22CM	8kg	5PCS

DZ, DZ-S Electric Pneumatic Hemostat

Electric pneumatic hemostat is common blood arresting apparatus for surgery and orthopedics department and first-aid room. In orthopedics operation and surgical emergency treatment, it can be used to blockade bleeding of limbs by pneumatic method.

Three tourniquet in large size, medium size and small size.

Power supply: AC 110-220V, frequency 50Hz/60Hz;
 Power: <65VA;
 Pressure adjustment range: within the pressure range of 0-50KPa
 Prompt time: 15-240 minutes;
 Electrical schematic diagram of the electric pneumatic hemostat (see the figure below)
 IV. Usual service conditions
 Environmental temperature: 5℃~40℃;
 Relative moisture: <90%;
 Atmospheric pressure: 800hPa~1000hPa;
 Power source: 110-220V;
 Frequency: 50/60 Hz;

DZ



Electric Pneumatic Hemostat



DZ-S



Electric pneumatic hemostat
(Custom made)

HF-868A

Luxurious Electric Bed with Seven Functions

Size: 2330x1050x530/710 mm



Standard Configuration

1. Denmark LINAK medical motor system
Urine hooks, IV drip
2. 150mm dia castors
3. Side rails touch keypad
4. Foot panel touch keypad

Function:

1. Height adjustable from 530 to 710mm
2. Back-rest lifting angle is 0-85°[±5°]
3. Knee-rest lifting angle is 0-43°[±5°]
4. Trendelenburg are 0-10°
5. Rev. Trendelenburg are 0-10°
6. "Reset" function, bed could back to Zero" position quickly
7. Electric lock and unlock system

Optional configuration

1. Mattress, Mobile food table, Back-up power system(UPS)
2. Taiwan Timotion safety voltage motor

HF-858

Five-Function electric bed

Size: 2120x1050x500/720 mm



Standard Configuration

1. Denmark LINAK medical motor system
(4pcs motors, 1 pcs control box, 1 pcs handset)
2. 4PCS PP Siderails
3. Soft link
4. Central lock castors system
5. Urine hooks, IV drip

Function:

1. Height adjustable from 500 to 720mm
2. Back-rest lifting angle is 0-80°[±5°]
3. Knee-rest lifting angle is 0-40°[±5°]
4. Trendelenburg are 0-12°
5. Rev. Trendelenburg are 0-12°

Optional configuration

1. Mattress, Mobile food table, Back-up power system(UPS)
2. Nurse control system(ACP)
3. Quick fold down system(CPR)
4. Taiwan Timotion safety voltage motor

HF-836

Luxurious Electric Bed with three Functions

Size: 2120x970x450/700mm



Standard Configuration

1. Denmark LINAK medical motor system (3pcs motors, 1 pcs control box, 1 pcs handset)
2. Aluminium siderail
3. 125mm dia. Noiseless castors with brake
4. Urine hooks, I.V Drip

Function:

1. Height adjustable from 450 to 700mm
2. Back-rest lifting angle is 0-80°[±5°]
3. Knee-rest lifting angle is 0-40°[±5°]

Optional configuration

1. Mattress, Mobile food table, Back-up power system (UPS)
2. Nurse control system (ACP)
3. Quick fold down system (CPR)
4. Taiwan Timotion safety voltage motor

HF-839

Hospital Bed with Three Revolving Levers

Size: 2120x970x500/720mm



Standard Configuration

1. Manual crank spring tensioning system
2. Aluminium folding siderails
3. 125mm dia. Noiseless castors with brake
4. Urine hooks, I.V drip

Function:

1. Height adjustable from 500 to 720mm
2. Back-rest lifting angle is 0-80°[±5°]
3. Knee-rest lifting angle is 0-40°[±5°]

Optional configuration

1. Mattress, Mobile food table

HF-828A

Hospital Bed with Two Revolving Levers

Size: 2120x970x500 mm



Standard Configuration

- 1.Manual crank spring tensioning system
- 2.Aluminium folding sidralls
- 3.125mm dia.Noiseless castors with brake
- 4.Urine hooks,IV drip

Optional configuration

- 1.Mattress,Mobile food table

Function:

- 1.Back-rest lifting angle is 0-90°[±6°]
- 2.Knee-rest lifting angle is 0-40°[±5°]

HF-3001

Luxury Lift Flat Car

Size: 1950x640x500 /900mm



Standard Configuration

- 1.Two-way in place protection screw;
- 2.European luxury two foldable hidden guardrail
- 3.Central control caster brake system;
- 4.Back adjust by gas spring
- 5.ABS bed panel
- 6.A oxygen bottle holder
- 7.Infusion stand hole
- 8.Stainless steel infusion pole

HF-775

Examination Bed

Size: 1900×620×650mm



Standard Configuration

- 1.Stainless steel and Spong with PU cover
- 2.Knock down structure

HF-773A

Gynecological Examining Table

Size: 1300+600*650*800mm



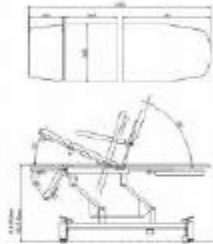
Standard Configuration

- 1.Stainless steel and Spong with PU cover
- 2.Knock down structure

C100

Electric podiatry chair

Size: L1900* W600* H510-950mm



Description:

- 1.Back part adjusted by double gas strut and foot part adjusted single gas strut, seat and height of table adjusted by actuators
- 2.Four retractable medical grade castors
- 3.Four large pad levelling feet
- 4.1 pair adjustable armrest
- 5.Medical grade PVC vinyl: fireproof, waterproof, stain, mildew, oil and wear resistant.

Function:

- 1.Adjustable height:510-950mm
- 2.Adjustable back:0° to 78°
- 3.Adjustable foot:0° to -80°
- 4.Adjustable seat:0° to 35°
- 5.Adjustable height and seat by 2pc actuator with hand switch
- 6.Weight capacity:250kg

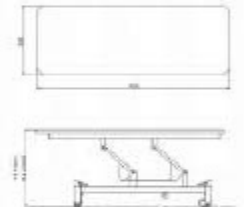
More pictures :



C105

Electric treatment table

Size: L1950*W700*H460-910mm



Description:

- 1.Four retractable medical grade castors
- 2.Four large pad levelling feet
- 3.Medical grade PVC vinyl: fireproof, waterproof, stain, mildew, oil and wear resistant

Function:

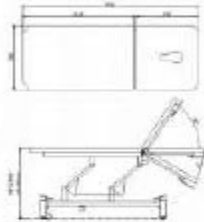
- 1.Adjustable height:460-910mm
- 2.Adjustable height by 1pc actuator with foot switch
- 3.Weight capacity:250kg

More pictures :



C107

2 Section electric treatment table
Size: L1950*W700*H480-920mm



Description:

- 1.Back part adjusted by double gas strut
- 2.Four retractable medical grade castors
- 3.Four large pad levelling feet
- 4.Medical grade PVC vinyl:fireproof,waterproof , stain, mildew, oil and wear resistant

Function:

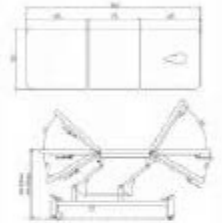
- 1.Adjustable height:480-920mm
- 2.Adjustable back :90°to -30°
- 3.Adjustable height by 1pc actuator with foot switch
- 4.Weight capacity:250kg

More pictures :



C108

3 Section electric treatment table
Size: L1980*W700*H480-920mm



Description:

- 1.Back and foot parts adjusted by double gas strut
- 2.Four retractable medical grade castors
- 3.Four large pad levelling feet
- 4.Medical grade PVC vinyl:fireproof,waterproof , stain, mildew, oil and wear resistant

Function:

- 1.Adjustable height:480-920mm
- 2.Adjustable back :90°to -33°
- 3.Adjustable foot:41°to -24°
- 4.Adjustable height by 1pc actuator with foot switch
- 5.Weight capacity:250kg

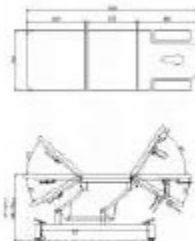
More pictures :



C110

5 Section electric treatment table

Size: L1980*W700*H480-920mm



Description:

- 1.Back and foot parts adjusted by double gas strut
- 2.Four retractable medical grade castors
- 3.Four large pad levelling feet
- 4.2pcs adjustable height armrest
- 5.Medical grade PVC vinyl:fireproof,waterproof, stain, mildew , oil and wear resistant

Function:

- 1.Adjustable height:480-920mm
- 2.Adjustable back :90° to -33°
- 3.Adjustable foot:41 to -24°
- 4.Adjustable height by 1pc actuator with foot switch
- 5.Weight capacity:250kg

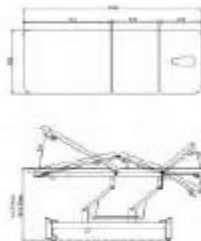
More pictures :



C115

3 Section multifunction electric treatment table

Size: L1980*W700*H480-920mm



Description:

- 1.Back and foot parts adjusted by double gas strut
- 2.Four retractable medical grade castors
- 3.Four large pad levelling feet
- 4.Medical grade PVC vinyl:fireproof,waterproof , stain, mildew, oil and wear resistant

Function:

1. Adjustable height:480-920mm
2. Adjustable back :45° to -60°
3. Adjustable foot:0° to 55°
4. Middle part adjustable:0 to 31°
5. Adjustable height and middle part by 2pc actuator with foot switch
6. Weight capacity:250kg

More pictures :



C115A

5 Section multifunction electric treatment table

Size: L1980*W700*H515-955mm



Description:

- 1.Back and foot parts adjusted by double gas strut
- 2.Four retractable medical grade castors
- 3.Four large pad levelling feet
- 4.2pcs adjustable height armrest
- 5.Medical grade PVC vinyl:fireproof,waterproof, stain, mildew, oil and wear resistant

Function:

- 1.Adjustable height:515-955mm
- 2.Adjustable back :45to -60°
- 3.Adjustable foot:0to 55°
- 4.Middle part adjustable:0°to 31°
- 5.Adjustable height and middle part by 2pc actuatorwith foot switch
- 6.Weight capacity:250kg

More pictures :



C119

Multifunction electric treatment table

Size: L1980*W700*H480-920mm



Description:

- 1.All gas struts standard supports each part
- 2.Four retractable medical grade castors
- 3.Four large pad levelling feet
- 4.2 pair adjustable arm rest
- 5.Medical grade PVC vinyl:fireproof,waterproof, stain, mildew , oil and wear resistant

Function:

1. Adjustable head: 35°to-45°
2. Adjustable backrest:0°to 55°
3. Adjustable seat: 0° to 20°
4. Adjustable foot : 0° to -45°
5. Adjustable height:480-950mm
6. Adjustable height by 1pc actuator with foot switch
7. Weight capacity:250kg

More pictures :



YD-A Alternating air cushion for bed sore prevention and cure

This product was further improved and innovated based upon YD-B. All the features of YD-B air cushion is maintained but added a function of alternating fluctuation by way of connecting two groups of mutually alternated tubular air cell to two groups of air-supply pipeline of air pump which regularly and appropriately supplying air to air pipeline every 5 minutes. The gentle fluctuation resulted from alternating air supply may keep its contact surface with patient body change regularly and then relieve the suffering of a long-term bedfast patient.



YD-A



YD-B

YD-B Air blowing type air cushion for bed sore prevention and cure

It is specially designed for preventing and curing the bedsores of bedfast patient. Through micropores on surface of air cushion, slight air blowing out to cool the body of patient, keep the skin dry and prevent brooding of pus cell so as to prevent and cure the bedsores of patient snugly supported by air-filled cushion. This product consists of air pump and air cushion. The cushion is made of rubber coated nylon cloth and then has such characteristics as high strength, light and slinky, clean and convenient, safe and durable features, etc. Its electromagnetic vibrating air pump has features of high efficiency, low energy consumption, low noise and long-term operation stability. All the aforesaid features make it the best product for prevention and curing of bedsores.

YD Series Oxygen Breathing Bag

YD series oxygen breathing bag is applicable for supplying oxygen not only for hospital first aid but also for homely sickbed. It is made of rubber coated nylon cloth and then has such characteristics as high strength, clean and convenient, safe and durable features, etc. Based on the capacity of oxygen bag, there are YD-50 type, YD-42 type and YD-35 type in this YD series.

Technical Data

Type	Capacity	Max. operating pressure	Burst pressure	package	Qty per packing
YD-50	YD-50 50L	6.8kpa	>24kpa	49*26*27CM	20PCS
YD-42	YD-42 42L				
YD-35	YD-35 35L				

Technical Data

Type	Power supply	Rated power	AC power noise	Motor noise	rotation period	package	Over weight
YD-A	220V ±10% 50Hz-60Hz	12.5VA	20db(A)	5 minutes per cycle	35*28*38CM	7.5Kg	
YD-B	220V ±10% 50Hz-60Hz	6.5VA	20db(A)	/	34*22*29CM	5Kg	



PRODUCT MODEL

Portable oxygen concentrator



HF-1



HF-2/HF-3



HF-3AW/HF-5AW



HF-3BW/HF-5BW



HF-5/HF-8/HF-10



HF-10/20/30/40/50/60

1. Medical treatment.

It is suitable for clinics, community hospitals, township health clinics, etc.

2. Home health care.

With our oxygen concentrator you can enjoy oxygen therapy at home without going to the clinic or hospital on purpose.

3. Oxygen cocktail preparation.

Combining a mixer, can be used to produce oxygen cocktail and make oxygen "edible".

4. Flow splitter is a device through which oxygen in one inlet can be divided into several flows for more patients to inhale at the same time.

5. The 5 flow meters in this flow splitter can work independently or together by adjusting flow knob.

6. Minimum oxygen flow for a single oxygen outlet can be 0.125L/Min.

UV Sterilization Truck



PRODUCT MODEL HF-YZW60SWI HF-YZW60SWII
UV STERILIZATION TRUCK

Irradiance of each lamp(w/cm2) :≥112
 Power Supply(V):110-240V, 30W*2
 Input Power(W):70
 Lamp tube Qty.(PC):2
 Lamp power (W/PC): 30
 Fuse specifications:1.0A
 Timing range (minutes):10-240 minutes
 Angle range of lamp arm (degree):145
 Lamp model specifications: G13 TUV 30W
 Lamp life (H):8000
 UV wavelength (nm):253.7



PRODUCT MODEL
UV DISINFECTION ROBOT

Irradiance of each lamp(w/cm2) :≥112
 Power Supply(V):110-240V, 30W*2
 Input Power(W):70
 Lamp tube Qty.(PC):2
 Lamp power (W/PC): 30
 Fuse specifications:1.0A
 Timing range (minutes):10-240 minutes
 Angle range of lamp arm (degree):145
 Lamp model specifications: G13 TUV 55W
 Lamp life (H):8000
 UV wavelength (nm):253.7

Irradiance of each lamp(w/cm2):≥145
 Power Supply(V):110-240V
 Input Power(W):870W
 Lamp tube Qty.(PC):6
 Lamp power (W/PC) 145
 Fuse specifications :F10AL250V
 Timing range (minutes):10-20
 Lamp model specifications:4P-SE-145W
 Lamp life (H):8000
 UV wavelength(nm):253.7
 Equipment safety classification:Class I;
 Continuous operation equipment
 VOLUME:1170×630×540mm



PRODUCT MODEL

Vertical Steam Sterilizer Series



- ☆ Hand wheel translation type quick opening structure
- ☆ High quality stainless steel material
- ☆ Microcomputer automatic control, arbitrary set of sterilization parameters
- ☆ Safety interlocking device
- ☆ Digital display and Touch type button
- ☆ Standardized test interface
- ☆ Self expanding seal
- ☆ The container with automatic protection function: over temperature protection; over pressure protection self discharge; low water level protection, anti dry
- ☆ With stainless steel basket
- ☆ Sterilization end buzzer reminder, automatic stop
- ☆ Automatic cooling air, sterilization end automatic exhaust, steam optional with external printer Optional automatic water inlet

Table Top Steam Sterilizer Series

- ☆ Quality stainless steel liner, sealed cover
- ☆ Microcomputer control
- ☆ Safety interlocking device
- ☆ With BD test: HELIX test, VACUUM test.
- ☆ LCD display and touch type button,
- ☆ With standard test interface
- ☆ Open top water tank
- ☆ The container has automatic protection function; over temperature protection, over pressure protection, low water level protection, anti dry burning, and safety door lock.
- ☆ With drying function
- ☆ Sterilization end buzzer reminder, automatic stop
- ☆ Automatic cooling air, sterilization end automatic exhaust steam
- ☆ Built-in steam generator to provide saturated steam quickly



PRODUCT MODEL

Portable Pressure Steam Sterilizer



- ☆ Quick opening structure
- ☆ High quality stainless steel material
- ☆ Simple operation, safe and reliable
- ☆ Self expanding sealing type
- ☆ Electric heating mode
- ☆ Over pressure self discharging;
- ☆ Double scale two kinds of counting pressure meters
- ☆ Sterilization time, temperature adjustable
- ☆ Sterilization end, beep reminding, automatic stop

Distilled Water Machine

- ☆ The filter charcoal bag
- ☆ High quality stainless steel container and is connected with a water faucet
- ☆ Simple operation, safe and reliable
- ☆ Super large capacity
- ☆ Double temperature control protection mode
- ☆ Continuous production
- ☆ Easy to clean



PRODUCT MODEL

ICU Ventilator

ICU Ventilator is a multi-functional Ventilator adopting pneumatic, electronic control and microcomputer technology. Exported components are utilized to guarantee operational stability and reliability. With color screen (TEF) to display various measuring and configuration parameters



Tidal volume:20~1800 ml

Rate:2~120bpm

SIMV rate:2~120bpm

IE:4:1~1:8

Pressure trigger sensitivity:-10~10 cmH2O

Flow trigger sensitivity:1~20L/min

PEEP:0~25 cmH2O

Pressure Range:3~50 cmH2O

Pressure limitation:0~60 cmH2O

Pressure slope:1~10 gear

Flow rate setting:1~10 gear

Expiratory trigger sensitivity:10%~90%

Time control:1~10s

SIGH:1.5 times the inspiratory time (60-120 adjustable)

Inspiratory platform:0~50%

Oxygen concentration:21%~99%

Tidal volume:20~1800 ml

Rate:2~120bpm

SIMV rate:2~120bpm

IE:4:1~1:8

Pressure trigger sensitivity:-10~10 cmH2O

Flow trigger sensitivity:1~20L/min

PEEP:0~25 cmH2O

Pressure Range:3~50 cmH2O

Pressure limitation:0~60 cmH2O

Pressure slope:1~10 gear

Flow rate setting:1~10 gear

Expiratory trigger sensitivity:10%~90%

Time control:1~10s

SIGH:1.5 times the inspiratory time (60-120 adjustable)

Inspiratory platform:0~50%

Oxygen concentration:21%~99%

PRODUCT MODEL

Anesthesia Machine

Mechanical ventilation is made secure and visible by the folded respiratory bellows, and the security of air supply is guaranteed by pneumatic transmission and measurement system. With multiple modern technologies applied, the Anesthesia Machine is both outstanding in performance and versatile in functions.



PRODUCT MODEL

Defibrillator Monitor



HF-200E



HF-200C



HF-200D



HF-AED100

ECG

*ECG lead:I, II, III, AVR,AVL,AVF,V1~V6,GND

*S-Tsegment analysis:-2.0~2.0mv

*Arrhythmia analysis: yes

*Protection:With stand 4000vAc/50Hz voltage in isolation and work against electro-surgical knife and defibrillation

Respiration

*Measurement method:Thoracic impedance

Standard parameter & configuration

*ECG/RESP/DEFIBRILLATOR

Optional parameter

*Recorder

Main Features

*Three-step defibrillation process

*Two-button operation

*Extensive voice and visual prompts for the operator

*Biphasic energy output

*Lock-out protection to prevent inadvertent defibrillation

DEFIBRILLATOR.

(1)Defibrillator typeManual, Synchronized,Asynchronous,

(2) Out put waveformBiphasic technology

(3)Energy accuracy2+1%

(4)Energy selection0, 3, 5, 7, 10, 20,30, 50,100,200,300,360 joule(nominal at a resistance of 50)

(5) Charging timeMaximum 8 seconds to 360Joules

(6)Standard Adult/Pediatric Paddles Reusable external adult paddles(pediatric paddles integrated)

PRODUCT MODEL

Channel digital electrocardiograph



HF-1206A

Six channel digital electrocardiograph



HF-1203C

Three channel digital electrocardiograph

1. 12 lead synchronous ECG acquisition;
2. 7-inch high-definition color LCD, full touch operation, 12 lead display on the same screen;
3. Input hospital, name, gender, age and other information through touch screen of built-in software keyboard;
4. Equipped with high speed and high sensitivity hot spot recording system,;
5. With the function of real-time ECG waveform freezing, it is easy to grasp the important ECG waveform of patients;
6. It has the function of grounding the input signal through the function key when the signal is overloaded due to poor signal or patient movement, and the screen displays.Straight line, signal recovery after a few seconds;

7. Accurate ECG automatic diagnosis function, built-in common arrhythmia cases, for user reference;
8. Accurate ECG automatic diagnosis function, with heart rate overrun alarm function, and freely set whether to print measurement analysis report or not;
9. It has the function of printing characteristic waveform or not, and can freely set whether to print characteristic waveform;
10. Wireless communication with PC can be realized through WiFi, so that ECG data can be accessed, downloaded and printed on PC;
11. Large capacity fuselage storage (more than 200 cases) can realize the storage, playback and printing of case data, and the machine has stored it cases can be deleted or cleared freely;

PRODUCT MODEL

Digital mobile X-ray machine



HF-X5100



HF-X5200

Digital mobile X-ray machine is a high frequency mobile flat-panel digital X-ray radiography system, suitable for radiology department, orthopedics, ward, emergency room, operating room, ICU and other departments. With flexible movement, easy operation, high efficiency, to meet the radiography for all of human body's parts, such as head, limbs, chest, spine, lumbar vertebrae, abdomen, etc.

1. High quality combined high frequency high voltage generator
2. Color graphical touch LCD control system
3. Panel detector with free movement
4. High quality IPC
5. Large size medical LCD display
6. New type mobile column rack
7. Symmetric adjustable, wireless ranging rotatable collimator with lamp
8. Electric assistance drive system
9. Cable exposure hand brake
10. Wireless remote control exposure device

PRODUCT MODEL

Professional medical color Doppler ultrasound

1.High quality clinical performance

Space composite imaging, one button image solution greatly improves work efficiency, and real-time volume probe and mainstream imaging technology are used to further narrow the diagnosis distance.

2.Comprehensive diagnosis solution

Rich measurement software, quickly and easily solve the needs of abdominal, peripheral blood vessels, gynecology, obstetrics, newborn, skeletal muscle, heart and other clinical diagnosis needs.

3.Stable and efficient

In depth optimization of Windows operating platform, integration of high-performance and low-power industrial control solutions.

4.Humanized operation design

Touch screen navigation can reduce button contact and press, simplify operation steps, reduce user fatigue and improve doctor's work efficiency.



HF-T8
Four Dimensional Color Doppler
Ultrasound Machine



HF-T6
Cart Color Doppler Ultrasound



HF-T6
Portable Color Ultrasound



HF-F5
Color Doppler Ultrasound
Diagnostic Instrument

PRODUCT MODEL

Animal B ultrasound

All digital color Doppler animal ultrasound diagnostic instrument

*Based on the new technology platform, safe and stable windows operating system, solid-state storage data storage is faster and more stable, and it can deal with complex computing calmly.

*High performance, low-power core processing chip to ensure better image performance.

*Support color Doppler, spectrum Doppler, power Doppler imaging technology

*Real time display and adjustment of menu parameters is convenient and clear at a glance

*Tissue harmonic imaging technology

*Three probe interface, supporting more than 10 kinds of probe group work

*More than 6 languages in different countries

*Automatic freezing function of probe can effectively protect the service life of equipment

*Probe box -- hook type humanized design



HF-T5
Cart Type Animal Ultrasonic
Diagnostic Instrument



HF-F5
Cart Color Animal Ultrasonic
Diagnostic Instrument



HF-P5
Full Digital Color Animal Ultrasonic
Diagnostic Instrument



HF-L5
Notebook Color Animal Ultrasonic
Diagnostic Instrument



HF-F3
Cart Type Color Animal Ultrasonic
Diagnostic Instrument



HF-L3
Notebook Color Animal Ultrasonic
Diagnostic Instrument

PRODUCT MODEL

Medical ultrasound

All digital imaging technology

1. Fast movie / image playback function
2. Color Doppler imaging mode
3. Power Doppler mode
4. Directional power Doppler mode
5. Pulse spectrum Doppler mode
6. Real time three synchronization mode
7. Tissue harmonic imaging

Multi rate imaging is more accurate in the diagnosis of lesions.

- *Various charging methods to ensure inspection and consultation in different environments
- *High definition display, easy to adjust
- *Backlit silicone keyboard, more comfortable and wear-resistant, dark room use no longer trouble
- *Display puncture guide line, angle and position can be adjusted
- *Built in TF memory card, image storage is more convenient
- *Intelligent menu, easy and fast man-machine dialogue



HF-PE522
All Digital Color Doppler Ultrasound
Diagnostic Instrument



HF-500
Black And White B
Ultrasonic Machine



HF-F3
All Digital Color Doppler Ultrasound
Diagnostic Instrument



HF-580
Notebook Full Digital Ultrasonic
Diagnostic Instrument



HF-350
All Digital Ultrasonic
Diagnostic Instrument



HF-370
B-mode Ultrasound

PRODUCT MODEL

Nursing constant temperature bed

HF-4000A/4000B/4000C



Product feature

- *Air temp and skin temp.servo-controlled by computer
- *Humidity servo-control by computer
- *>37°C temperature setting
- *Various self-checkalarms
- *Free-step mattress tilting adjustment
- *Removable humidity trough, easy to clean
- *With the transfusion shelf and tray
- *Added with guardrail
- *RS-232 connector
- *Phototherapy(option)
- *O2 controller(option)
- *Electrical scale (option)

Product feature

- *LCD Touch Screen
- *Shows all data including temperatures, APGAR timer, time of phototherapy
- *72 hours data record
- *Various alarms
- *Infrared Ceramic Radiator
- *Explosion-proof, safety assurance
- *LED Phototherapy Unit
- *Mattress Tilting Adjust
- *Free-step adjustment±12°



Free-step mattress tilting adjust



Phototherapy unit(option)



Removable for cleaning



Phototherapy unit(option)