INTRODUCTION

Shanghai Huifeng Medical Instrument Co., LTD.is headquartered in Shanghai city,China, which is known as "oriental Paris". Innovated and developed steadily since the establishment of the company.

With nearly 30 years of production history,the company has been developed into a high-tech enterprise with rich experience in Scientific Research,Development, Manufacturing and Sales of Listed Company.

Specializing in the Manufacturing of LED Shadowless Operating Lamp,Operation Table, Medical Pendant, Head Bed Panel, Hospital Bed, Electrosurgical Unit, Patient Monitor, Oxygen Bag, Air Mattress and Pneumatic Tourniquet,etc. The products are competitive enough in the domestic market in China and also popular in the global market.

The power distribution networks is mainly located in the Asia-Pacific region and Africa.Actively expands its technical cooperation with Europe, the United States and other countries.The sales based in more than 50 countries around the world.It is committed to promoting "SHANGYI" brand and"HFMED" brand. Gradually strive to achieve a global distribution of sales networks.

Adhering to the concept of medical care of integrity and service,finds its own niche point, and creates another blue ocean market for the medical industry.Respect life-focus on professionalism, excellence, and continuous development as the highest guiding principle of action.

"Reputation First, Service Foremost" is the Corporate Philosophy. All staff attach great importance to quality than to quantity.The company is certified to ISO9001,ISO13485,CE,SGS, and FDA.Honored as Five-star Integrity Enterprise in Shanghai and Famous Trademark in China.To maintain the good business reputation, provide well-qualified product and service to satisfy our customer.










CONTENTS

LED Shadowless Operating Lamp	Page 1–68
Operation Table	Page 69–88
Medical Pendant	Page 89–116
Bed Head Unit	Page 117–118
Patient Monitor	Page 119
Electrosurgical Unit	Page 120
Fingertip Pulse Oximeter	Page 121–122
Volumetric Infusion Pump	Page 123–124
Pneumatic Tourniquet	Page 125–126
Patient Bed	Page 127–142
Alternating air cushion for bedsore prevention and cure	Page 143–144
Portable oxygen concentrator	Page 145–146
UV Sterilization Truck	Page 147–148
Vertical Steam Sterilizer Series	Page 149–150
ICU Ventilator	Page 151–152
Defibrillator Monitor	Page 153–154
Channel digital electrocardiograph	Page 155–156
Digital mobile X-ray machine	Page 157–158
Professional Medical Color Doppler Ultrasound	Page 159–160
Animal B Ultrasound	Page 161–162
Medical Ultrasound	Page 163–164
Nursing Constant Temperature Bed	Page 165–166

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.



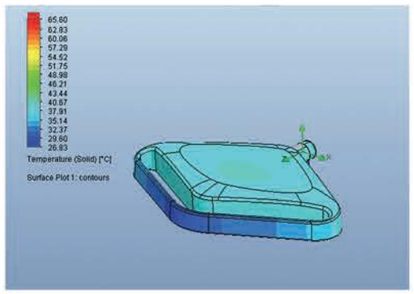
SUPERIOR LAMINAR FLOW DESIGN

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 HFMED® '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.



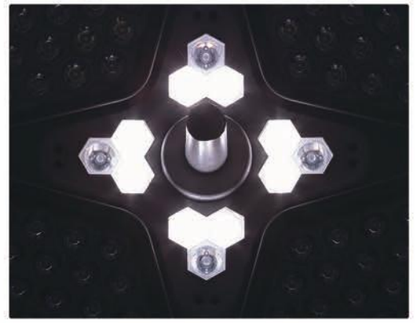
HD camera module parameters 2K (standard)

Image device: 1 / 2.8 type Exmor 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 8.93 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, 21609/25 FHD/HD 1080P/59094, 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	Iluminance	Colour temperature	Colour reductiom index(Ra)	Total irradiance	Size of light field	Service life of illuminant	Power supply voltage	Best height of installation	Total power consumptio	Total LED bulb quantity	Green ENDO	Dimming Type
HF-L3+4C LED	160000lx 140000lx	3500±300k 4000±300k 4500±300k 5000±300k	Ra:96 R9:97 R13:98	380 380	120-250mm	50000h	AC110-240V 50-60Hz	2900mm	90W	187pcs	YES	Analog dimming
HF-L4+4C LED	160000lx 160000lx	3500±300k 4000±300k 4500±300k 5000±300k	Ra:96 R9:97 R13:98	380 380	120-250mm	50000h	AC110-240V 50-60Hz	2900mm	100W	224pcs	YES	Analog dimming
HF-L3+3C LED	140000lx 140000lx	3500±300k 4000±300k 4500±300k 5000±300k	Ra:96 R9:97 R13:98	380 380	120-250mm	50000h	AC110-240V 50-60Hz	2900mm	80W	150pcs	NO	Analog dimming
HF-L3S LED	140000lx	3500±300k 4000±300k 4500±300k 5000±300k	Ra:96 R9:97 R13:98	380	120-250mm	50000h	AC110-240V 50-60Hz	2900mm	40W	75pcs	NO	Analog dimming
HF-L4S LED	160000lx	3500±300k 4000±300k 4500±300k 5000±300k	Ra:96 R9:97 R13:98	380	120-250mm	50000h	AC110-240V 50-60Hz	2900mm	50W	112pcs	YES	Analog dimming



HF-L3CLED



HF-L4CLED



HF-L3WLED



HF-L4WLED



HF-L3SLED Customized emergency



HF-L4SLED Customized emergency

Type	Iluminance	Colour temperature	Colour reductiom index(Ra)	Total irradiance	Size of light field	Service life of illuminant	Power supply voltage	Best height of installation	Total power consumptio	Total LED bulb quantity	Green ENDO	Dimming Type
HF-L3C LED	140000lx	3500±300k 4000±300k 4500±300k 5000±300k	Ra:96 R9:97 R13:98	380	120-250mm	50000h	AC110-240V 50-60Hz	2900mm	40W	75pcs	NO	Analog dimming
HF-L4C LED	160000lx	3500±300k 4000±300k 4500±300k 5000±300k	Ra:96 R9:97 R13:98	380	120-250mm	50000h	AC110-240V 50-60Hz	2900mm	50W	112pcs	YES	Analog dimming
HF-L3W LED	140000lx	3500±300k 4000±300k 4500±300k 5000±300k	Ra:96 R9:97 R13:98	380	120-250mm	50000h	AC110-240V 50-60Hz	2900mm	40W	75pcs	NO	Analog dimming
HF-L4W LED	160000lx	3500±300k 4000±300k 4500±300k 5000±300k	Ra:96 R9:97 R13:98	380	120-250mm	50000h	AC110-240V 50-60Hz	2900mm	50W	112pcs	YES	Analog dimming
HF-L3S LED emergency	140000lx	3500±300k 4000±300k 4500±300k 5000±300k	Ra:96 R9:97 R13:98	380	120-250mm	50000h	AC110-240V 50-60Hz	2900mm	40W	75pcs	NO	Analog dimming
HF-L4S LED emergency	160000lx	3500±300k 4000±300k 4500±300k 5000±300k	Ra:96 R9:97 R13:98	380	120-250mm	50000h	AC110-240V 50-60Hz	2900mm	50W	112pcs	YES	Analog dimming

PRODUCT INSTRUCTION

LED SERIES
SHADOWLESS OPERATING LAMP

- Precise

Uniform,homogeneous lighting in surface and deep cavity procedures thanks to NEWYD02´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 TECHNLOGY

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.

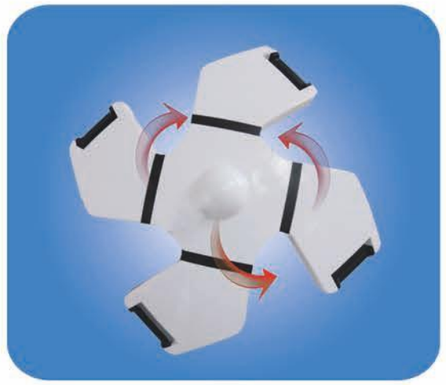
Environmentally proactive: low power consumptionn and durable LEDs minimize the impact on our precious resources.





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 indivdual 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 in 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 surgucal 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	Colour temperature	Colour reduction index(Ra)	Total irradiance	Size of light field	Service life of illuminant	Power supply voltage	Best height of installation	Total power consumptio	Total LED bulb quantity	Green ENDO 8PCS
YD02-LED3+4	≥140,000Lux ≥150,000Lux	3800±300K 4400±300K 5000±300K	92	380W/m² 510W/m²	150～200mm	50,000h	AC110-240V 50/60Hz	2900mm	140W	133pcs (19*3+19*4)	YES
YD02-LED4+4	≥150,000Lux ≥150,000Lux	3800±300K 4400±300K 5000±300K	92	510W/m² 510W/m²	150～200mm	50,000h	AC110-240V 50/60Hz	2900mm	140W	152pcs (19*4+19*4)	YES
YD02-LED3+3	≥140,000Lux ≥140,000Lux	3800±300K 4400±300K 5000±300K	92	380W/m² 380W/m²	150～200mm	50,000h	AC110-240V 50/60Hz	2900mm	140W	114pcs (19*3+19*3)	YES
YD02-LED3	≥140,000Lux	3800±300K 4400±300K 5000±300K	92	380W/m²	150～200mm	50,000h	AC110-240V 50/60Hz	2900mm	100W	57pcs (19*3)	YES
YD02-LED4	≥150,000Lux	3800±300K 4400±300K 5000±300K	92	510W/m²	150～200mm	50,000h	AC110-240V 50/60Hz	2900mm	100W	76pcs (19*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

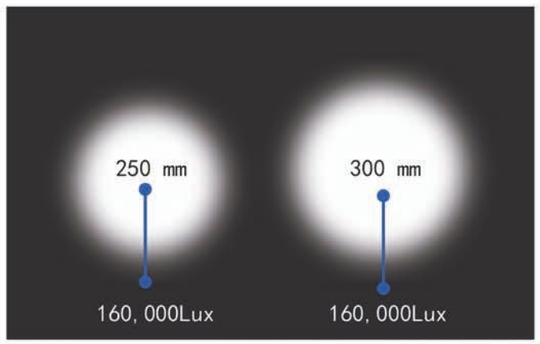
Almost unlimited LED life expectancy delivers tremendous product reliability and investment protection.

- Efficient

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

700/500LED Excellent Lighting Effect

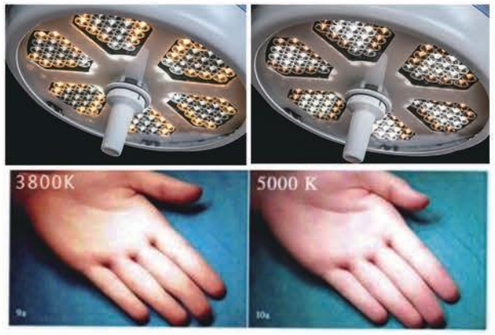
700/500LED series shadowless lamp is composed of six light bulbs. The unique high-performance lens ensures that the best operating area lighting up to 160,000 lux can be achieved within the adjustable range of the spot. The maximum illuminance can be achieved within the spot adjustment range, which not 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.





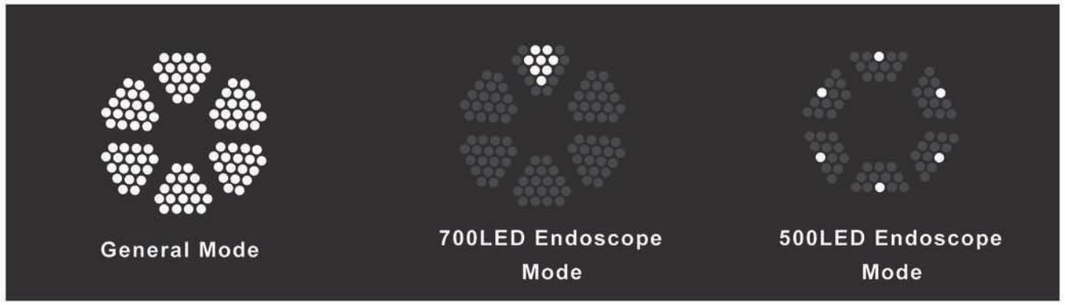
700/500LED Color Temperature Technology

Guaranteed Color Rendering Index by Reliable Beam Synthesis Control TechnologyIn 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 sitesColor temperature to achieve the desired tissue contrast for optimal groupingWeave 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 MOEDL



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	Illuminance	Colour temperature	Colour reduction index(Ra)	Total irradiance	Size of light field	Service life of illuminant	Power supply voltage	Best height of installation	Total power consumptio	Total LED bulb quantity	ENDO
500/500 LED	≥140,000Lux ≥140,000Lux	3800±500K 4400±500K 5000±500K	93	534 W/m² 534 W/m²	250~300mm	50,000h	AC110-240V 50/60Hz	2900mm	60W 60W	144pcs (12*6+12*6)	YES
700/500 LED	≥140,000Lux ≥160,000Lux	3800±500K 4400±500K 5000±500K	93	544 W/m² 534 W/m²	250~300mm	50,000h	AC110-240V 50/60Hz	2900mm	60W 80W	180pcs (18*6+12*6)	YES
700/700 LED	≥160,000Lux ≥160,000Lux	3800±500K 4400±500K 5000±500K	93	544W/m² 544W/m²	250~300mm	50,000h	AC110-240V 50/60Hz	2900mm	80W 80W	218pcs (18*6+18*6)	YES
500 LED	≥140,000Lux	3800±500K 4400±500K 5000±500K	93	534W/m²	250~300mm	50,000h	AC110-240V 50/60Hz	2900mm	60W	72pcs (12*6)	YES
700 LED	≥160,000Lux	3800±500K 4400±500K 5000±500K	93	544W/m²	250~300mm	50,000h	AC110-240V 50/60Hz	2900mm	80W	108pcs (18*6)	YES

Two color optins for the mask in the lamp head

Black White

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	Illuminance	Colour temperature	Colour reduction index(Ra)	Total irradiance	Size of light field	Service life of illuminant	Power supply voltage	Brightness adjustment	Total power consumptio	Total LED bulb quantity	Emergency time	ENDO
700S LED	≥160,000Lux	3800±500K 4400±500K 5000±500K	93	544W/m²	250~300mm	50,000h	AC110-240V 50/60Hz	Automatic8-stage continuous light adjustment	80W	108pcs (18*6)	/	YES
700E LED	≥160,000Lux	3800±500K 4400±500K 5000±500K	93	544W/m²	250~300mm	50,000h	AC110-240V 50/60Hz	Automatic8-stage continuous light adjustment	80W	108pcs (18*6)	≥6 hours	YES
500S LED	≥140,000Lux	3800±500K 4400±500K 5000±500K	93	534W/m²	250~300mm	50,000h	AC110-240V 50/60Hz	Automatic8-stage continuous light adjustment	60W	72pcs (12*6)	/	YES
500E LED	≥140,000Lux	3800±500K 4400±500K 5000±500K	93	534W/m²	250~300mm	50,000h	AC110-240V 50/60Hz	Automatic8-stage continuous light adjustment	60W	72pcs (12*6)	≥6 hours	YES
HF-280LED	≥50,000Lux	4000±500K	97	171W/m²	150mm	50,000h	AC110-240V 50/60Hz	/	20W	19pcs	/	
HF-280ELED	≥50,000Lux	4000±500K	97	171W/m²	150mm	50,000h	AC110-240V 50/60Hz	/	20W	19pcs	≥2 hours	
HF-280CLED	≥50,000Lux	4000±500K	97	171W/m²	150mm	50,000h	AC110-240V 50/60Hz	/	20W	19pcs	/	
HF-280WLED	≥50,000Lux	4000±500K	97	171W/m²	150mm	50,000h	AC110-240V 50/60Hz	/	20W	19pcs	/	



General Mode



ENDO Mode

One-button dim light

The shadowless operating lamp is configured with one-button dim light (as Endoscope Mode), which is convenient for the surgeon to switch quickly from the general mode.It does not interfere with the doctor's field of vision and observation of the tissue during.



With removable, sterilizable handle

The removable handle can be sterilized at high temperature, which is convenient for doctors and nurses to control the direction and depth of light.





Precise dimming control for various lighting request

Using HFMED's original high-density light mixing technology, it provides high brightness and high light quality at the same time, and its illuminance ≥ 110,000 lux with 8 levels of brightness adjustment, 3 levels of color temperature adjustment as 3800K-5000K±300, and electronic spot size adjustment of 130 -160mm, also it's with ENDO Mode.



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.

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.





HF-SY320/320CLED



HF-SY320W LED



HF-SY320C LED



HF-SY320S LED

Technical Parameter

Items	Illuminance	Colour temperature	LED CRI(Ra)	ENDO	Iluminance Depth	Spot size	Dimension (mm)	LED bulb qty.(pcs)	Remote controller	Input Power (VA)	Voltage(V)	Installation height
HF-SY320/ 320CLED	≥110000LuX ≥110000LuX	3800±300K 4400±300K 5000±300K	Ra≥95 R9≥90	9000lux	1300mm	φ320	110-190mm	37PCS 37PCS	Yes	180VA	110V-220V (50Hz-60Hz)	2800-2900mm
HF-SY320C LED	≥110000LuX	3800±300K 4400±300K 5000±300K	Ra≥95 R9≥90	9000lux	1300mm	φ320	110-190mm	37PCS	Yes	90VA	110V-220V (50Hz-60Hz)	2400-2900mm
HF-SY320W LED	≥110000LuX	3800±300K 4400±300K 5000±300K	Ra≥95 R9≥90	9000lux	1300mm	φ320	110-190mm	37PCS	Yes	90VA	110V-220V (50Hz-60Hz)	2400-2900mm
HF-SY320S LED	≥110000LuX	3800±300K 4400±300K 5000±300K	Ra≥95 R9≥90	9000lux	1300mm	φ320	110-190mm	37PCS	Yes	90VA	110V-220V (50Hz-60Hz)	/

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-L25LED
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 yourindividual needs

Perfect gentle lighting is also a matter of settings. Eight brightness levels from 40,000 to 80,000 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.

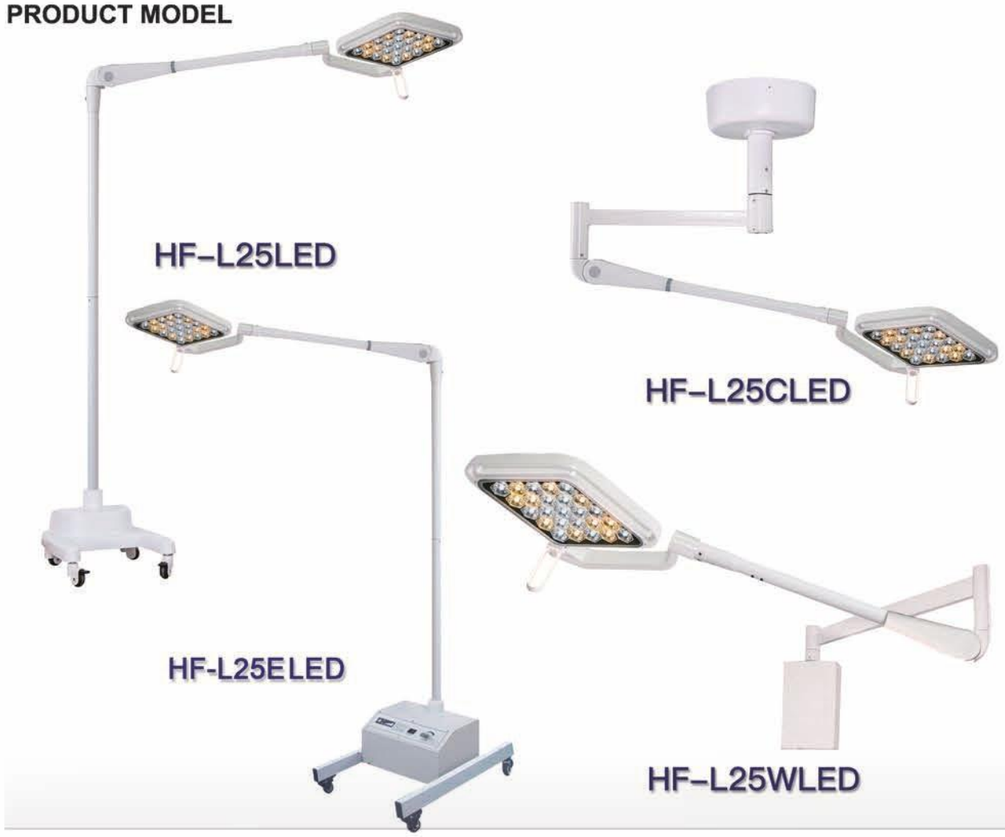


Safe hygiene for your treatment

With the removable and sterilisable handle, it is suitable for hygienically 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-L25LEDShadowless Operating Lamp

Type	Illuminance	Colour temperature	Colour reduction index(Ra)	Illuminacne depth	Total irradiance	Size of light field	Lamp head diameter	Rater power of bulb	Service life of illuminacne	Power supply voltage	Total power consumption	Total LED bulb quantity	Emergency time
HF-L25 LED	≥80,000Lux	3800±300K 4800±300K	97	≥1600mm	200W㎡	195mm	450mm	3.2V/1W	≥50,000h	AC110-240V, 50/60Hz	60VA	25pcs	/
HF-L25 CLED	≥80,000Lux	3800±300K 4800±300K	97	≥1600mm	200W㎡	195mm	450mm	3.2V/1W	≥50,000h	AC110-240V, 50/60Hz	60VA	25pcs	/
HF-L25 WLED	≥80,000Lux	3800±300K 4800±300K	97	≥1600mm	200W㎡	195mm	450mm	3.2V/1W	≥50,000h	AC110-240V, 50/60Hz	60VA	25pcs	/
HF-L25 ELED	≥80,000Lux	3800±300K 4800±300K	97	≥1600mm	200W㎡	195mm	450mm	3.2V/1W	≥50,000h	AC110-240V, 50/60Hz	60VA	25pcs	≥6hours

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.

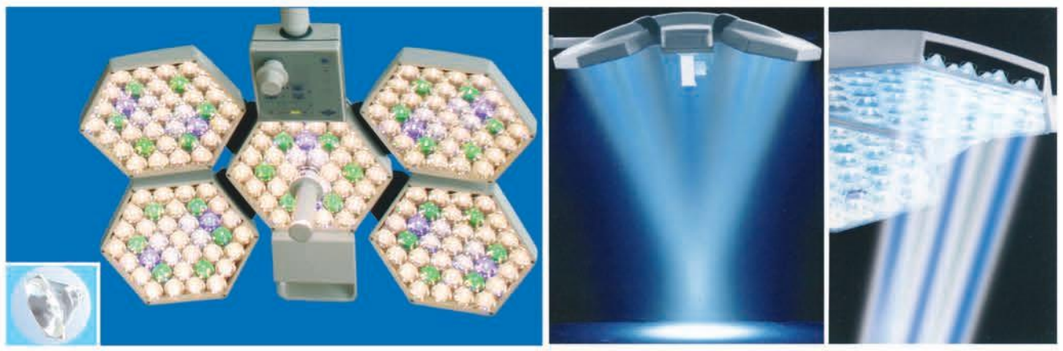
- Efficient

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



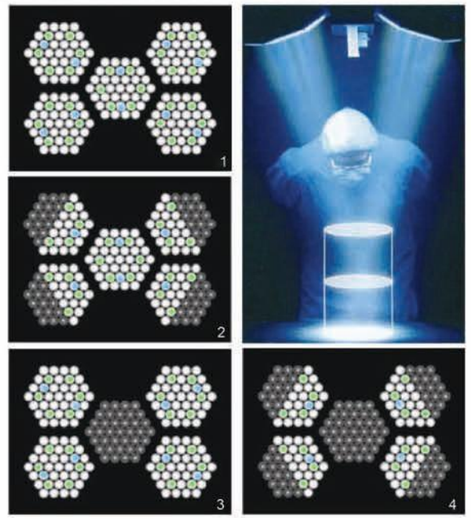
SY02-LED SERIES LEADING-EDGE LIGHTING TECHNOLOGY

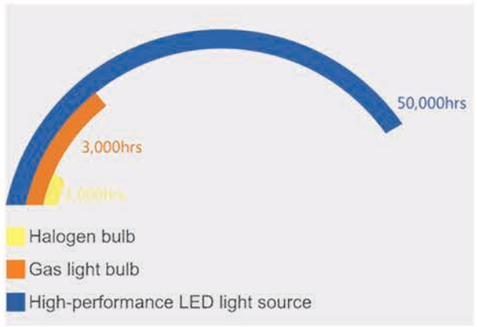
Thanks to their great performance and outstanding energy efficiency, the use of LEDs to illuminate demanding environments is becoming ever more common. Compared to conventional lamps, light emitting diodes have a whole range of technological, economic and ecological advantages: low heat generation, minimal 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.

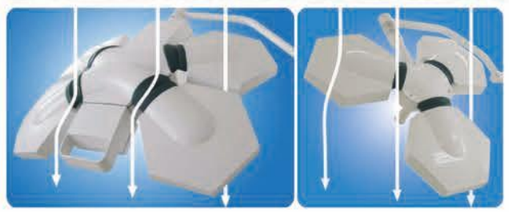




Long life lighting

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

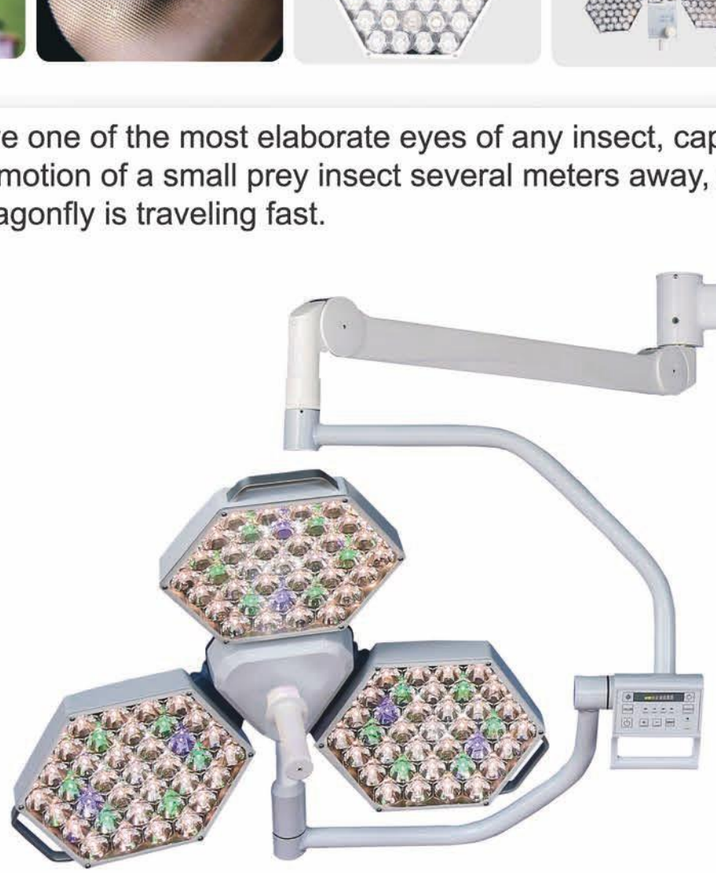
LED light source does not produce infrared, the temperature rise above surgeon's head is less than 2°C,
meanwhile very low temperature rise above the operation field avoids the patients' fluid loss.
Thus solve the problem of ussatisfactory wound healing because of higher temperature rise produced by 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 his 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	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	Best height of installation	ENDO
SY02-LED3+5 Adjust colour temperature	≥120,000Lux ≥140,000Lux	3500K±200K 4000K±200K 4500K±200K 5000K±200K	96	1045 mm/ 1170 mm	127 W/m²/ 130 W/m²	220~310mm	700mm/ 860mm	3.2V/1W	≥50.000h	AC110-240V, 50/60Hz	2900mm	YES
SY02-LED5+5 Adjust colour temperature	≥140,000Lux ≥140,000Lux	3500K±200K 4000K±200K 4500K±200K 5000K±200K	96	1170mm/ 1170mm	130W/m²/ 130W/m²	220~310mm	860mm/ 860mm	3.2V/1W	≥50.000h	AC110-240V, 50/60Hz	2900mm	NO
SY02-LED3+3 Adjust colour temperature	≥120,000Lux ≥120,000Lux	3500K±200K 4000K±200K 4500K±200K 5000K±200K	96	1045mm/ 1045mm	127W/m²/ 127W/m²	220~310mm	700mm/ 700mm	3.2V/1W	≥50.000h	AC110-240V, 50/60Hz	2900mm	YES
SY02-LED3 Adjust colour temperature	≥120,000Lux	3500K±200K 4000K±200K 4500K±200K 5000K±200K	96	1045mm	127W/m²	220~310mm	700mm	3.2V/1W	≥50.000h	AC110-240V, 50/60Hz	2900mm	YES
SY02-LED5 Adjust colour temperature	≥140,000Lux	3500K±200K 4000K±200K 4500K±200K 5000K±200K	96	1170mm	130W/m²	220~310mm	860mm	3.2V/1W	≥50.000h	AC110-240V, 50/60Hz	2900mm	NO

OTHER CHOICE

SY02-LED3(On Wall)
Adjust colour temperature

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 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	Best height of installation	ENDO
SY02-LED3+5D	≥150,000Lux ≥160,000Lux	4500K±300K	96	1045mm/ 1170mm	127W/m²/ 130W/m²	220-310mm	700mm/ 860mm	3.2V/1W	≥50.000h	AC110-240V, 50/60Hz	2900mm	YES
SY02-LED5+5D	≥160,000Lux/ ≥160,000Lux	4500K±300K	96	1170mm/ 1170mm	130W/m²/ 130W/m²	220-310mm	860mm/ 860mm	3.2V/1W	≥50.000h	AC110-240V, 50/60Hz	2900mm	NO
SY02-LED3+3D	≥150,000Lux ≥150,000Lux	4500K±300K	96	1045mm/ 1045mm	127W/m²/ 127W/m²	220-310mm	700mm/ 700mm	3.2V/1W	≥50.000h	AC110-240V, 50/60Hz	2900mm	YES
SY02-LED3D	≥150,000Lux	4500K±300K	96	1045mm	127W/m²	220-310mm	700mm	3.2V/1W	≥50.000h	AC110-240V, 50/60Hz	2900mm	YES
SY02-LED5D	≥160,000Lux	4500K±300K	96	1170mm	130W/m²	220-310mm	860mm	3.2V/1W	≥50.000h	AC110-240V, 50/60Hz	2900mm	NO

OTHER CHOICE

SY02-LED3D (On Wall)

PRODUCT MODEL



SY01-LED3A
Adjust colour temperature



SY01-LED3A
Adjust colour temperature
Customized emergency



SY01-LED3



SY01-LED3
Customized emergency

SY01-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	ENDO
SY01-LED3A Adjust colour temperature (Mobile)	≥12,000Lux	3500K±300K 4000K±300K 4500K±300K 5000K±300K	96	1045mm	127W/m²	220-310mm	700mm	3.2V/1W	≥50.000h	AC110-240V, 50/60Hz	/	YES
SY01-LED3A Customized emergency Adjust colour temperature	≥12,000Lux	3500K±300K 4000K±300K 4500K±300K 5000K±300K	96	1045mm	127W/m²	220-310mm	700mm	3.2V/1W	≥30.000h	AC110-240V, 50/60Hz	≥ 6 hours	YES

SY01-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	Green ENDO
SY01-LED3 (Mobile)	≥150,000Lux	4500K±300K	96	1045mm	127W/m²	220-310mm	700mm	3.2V/1W	≥50.000h	AC110-240V, 50/60Hz	/	YES
SY01-LED3 Customized emergency	≥150,000Lux	4500K±300K	96	1045mm	127W/m²	220-310mm	700mm	3.2V/1W	≥50.000h	AC110-240V, 50/60Hz	≥ 6 hours	YES





SY02-LED3+5(-TV) Color temperature

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

Model	Pixel	Signal-to-noise ratio	Camera distance	Focal length	Multiple	Video output	Camera power	Minimum installation high
SY02-LED3+5 (Center camera)	2.38 million	⩾45db	0.5~2m	F5.1mm~51.0mm	10Times/ double	1.0Vp-p75Ω	12VDC±10%	3100mm

SY02-LED3+5(Center camera)

SY02-LED3+3(External camera)

SY02-LED3+5D(Camera with display)

SY02-LED3+5D(Center camera)

SY02-LED3+3(Camera with display)

SYO2-LED3+3(Center camera)

SY02-LED3+5D(External 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



- 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	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	Best height of installation	ENDO
YD02-LED3+5	≥150,000LUX ≥120,000LUX	4800K±300K	96	600mm	460W/m²/ 555W/m²	100-240mm	500mm/ 550mm	3.2V/1W	≥50.000h	AC110-240V, 50/60Hz	2900mm	YES
YD02-LED3+4	≥130,000LUX ≥120,000LUX	4800K±300K	96	600mm	460W/m²/ 488W/m²	100-240mm	500mm/ 550mm	3.2V/1W	≥50.000h	AC110-240V, 50/60Hz	2900mm	YES
YD02-LED4+5	≥150,000LUX ≥130,000LUX	4800K±300K	96	600mm	488W/m²/ 555W/m²	100-240mm	550mm/ 550mm	3.2V/1W	≥50.000h	AC110-240V, 50/60Hz	2900mm	YES
YD02-LED3	≥120,000LUX	4800K±300K	96	600mm	460W/m²	100-240mm	500mm	3.2V/1W	≥50.000h	AC110-240V, 50/60Hz	2900mm	YES
YD02-LED5	≥150,000LUX	4800K±300K	96	600mm	555W/m²	100-240mm	550mm	3.2V/1W	≥50.000h	AC110-240V, 50/60Hz	2900mm	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-LED5



YD01-LED4



YD02-LED5E



YD02-LED4E



YD01-LED3



YD02-LED3E

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	150,000Lux	4800K±300K	96	600mm	555W/m²	100-240mm	550mm	3.2V/1W	≥50.000h	AC110-240V, 50/60Hz
YD01-LED4	130,000Lux	4800K±300K	96	600mm	488W/m²	100-240mm	550mm	3.2V/1W	≥50.000h	AC110-240V, 50/60Hz
YD01-LED3	120,000Lux	4800K±300K	96	600mm	460W/m²	100-240mm	500mm	3.2V/1W	≥50.000h	AC110-240V, 50/60Hz

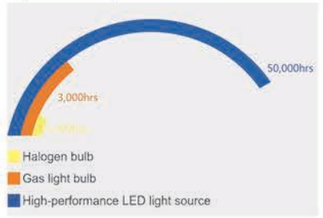
YD01-LED Series Technical Data

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
YD02-LED5E	150,000Lux	4800K±300K	96	600mm	555W/m²	100-240mm	550mm	3.2V/1W	≥50.000h	AC110-240V, 50/60Hz	≥ 6 hours
YD02-LED4E	130,000Lux	4800K±300K	96	600mm	488W/m²	100-240mm	550mm	3.2V/1W	≥50.000h	AC110-240V, 50/60Hz	≥ 6 hours
YD02-LED3E	120,000Lux	4800K±300K	96	600mm	460W/m²	100-240mm	500mm	3.2V/1W	≥50.000h	AC110-240V, 50/60Hz	≥ 6 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 uprised, 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 funcition and wide voltage working speciality, cam 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 moves smoothly, positions stablely. 360 universal design can satisfy various needed height and angle in the operation.
- Top-bulit (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 steamline 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 effected by radiation , cleanance 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 3800 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 LEDseries 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 swith, 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 AC180V-250V with high anti-interference ability.

PRODUCT MODEL



ZF720/720 LED



ZF720 LED

ZF720LED 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	Best height of installation
ZF720/720 LED	≥140,000/ ≥140,000Lux	4300±200K	93/93	1050mm/ 1050mm	426W/m²/ 426W/m²	160-280mm	720mm	37V/50W	≥50.000h	AC110-240V, 50/60Hz	2900mm
ZF720 LED	≥140,000Lux	4300±200K	93	1050mm	426W/m²	160-280mm	720mm	37V/50W	≥50.000h	AC110-240V, 50/60Hz	2900mm

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 illumine depth is up to 1300mm ;by using color temperature compensation technology, the color reversion is uprised, 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 funcition and wide voltage working speciality, cam 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.
- 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 bulb to be changed after operation.
- Offering soft start up unit, extending the serve 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 stablely. 360 universal design can satisfy various needed height and angle in the operation.
- Top-bulit (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 steamline 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 effected by radiation , cleanance 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 monitor and back-up bulb automatic replacement system which can supply the illuminance 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 equiped with convenient and sterilizing handle.
- Multi-lens reflecting system is designed by computer professional technology, there are more than 3800 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 tissues of body clearly.



Advanced digital integrated circuit control panel

- It has functions of swith, 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 AC180V-250V with high anti-interference ability.

PRODUCT MODEL



ZF600/600 ZF600

ZF Series Technical Data

Type	Illuminance	Colour temperature	Colour reduction index(Ra)	Illuminance depth	Total irradiance	Size of light field	(24V) Rated power of bulb	Service life of illuminant	Power supply voltage	Brightness adjustment	Shift of major and stand by lamps	Best height of installation
ZF600/600	≥120,000/ ≥120,000 Lux	4500±500K	88-95	1200mm/ 1200mm	426 W/m² /426 W/m²	160-280mm	150W /150W	≥1.000h	AC110-240V, 50/60Hz	Automatic8-stage continuous light adjustment	Automatic	2900mm
ZF600	≥120,000 Lux	4500±500K	88-95	1200mm	426 W/m²	160-280mm	150W	≥1.000h	AC110-240V, 50/60Hz	Automatic8-stage continuous light adjustment	Automatic	2900mm

OTHER CHOICE

ZF600 Current Arm
ZF600W On Wall
ZF600 Emergency On Ceiling

PRODUCT MODEL

ZF700/700



ZF700/500



ZF500/500





ZF700



ZF500

ZF Series Technical Data

Type	Illuminance	Colour temperature	Colour reduction index(Ra)	Illuminance depth	Total irradiance	Size of light field	(24V) Rated power of bulb	Service life of illuminant	Power supply voltage	Brightness adjustment	Shift of major and stand by lamps	Best height of installation
ZF700/700	≥150,000/ ≥150,000 Lux	4500±500K	88-95	1200mm/ 1200mm	580W/m² 580W/m²	140-210mm	150W /150W	≥1.000h	AC110-240V, 50/60Hz	Automatic8-stage continuous light adjustment	Automatic	2900mm
ZF700/500	≥150,000/ ≥100,000 Lux	4500±500K	88-95	1200mm/ 1020mm	580W/m² 466W/m²	140-210mm	150W /150W	≥1.000h	AC110-240V, 50/60Hz	Automatic8-stage continuous light adjustment	Automatic	2900mm
ZF500/500	≥100,000/ ≥100,000 Lux	4500±500K	88-95	1200mm/ 1200mm	466W/m² 466W/m²	140-210mm	150W /150W	≥1.000h	AC110-240V, 50/60Hz	Automatic8-stage continuous light adjustment	Automatic	2900mm
ZF700	≥150,000/ Lux	4500±500K	88-95	1200mm	580W/m²	140-210mm	150W	≥1.000h	AC110-240V, 50/60Hz	Automatic8-stage continuous light adjustment	Automatic	2900mm
ZF500	≥100,000 Lux	4500±500K	88-95	1020mm	466W/m²	140-210mm	150W	≥1.000h	AC110-240V, 50/60Hz	Automatic8-stage continuous light adjustment	Automatic	2900mm

OTHER CHOICE

ZF500 Current Arm

ZF500W On Wall

ZF500 Emergency On Ceiling

ZF700 Current Arm

ZF700W On Wall

ZF700 Emergency On Ceiling

PRODUCT MODEL



ZF700S



ZF600S



ZF500S

PRODUCT MODEL



ZF700E



ZF600E



ZF500E

ZF Series Technical Data

Type	Illuminance	Colour temperature	Colour reduction index(Ra)	Illuminance depth	Total irradiance	Size of light field	(24V) Rated power of bulb	Service life of illuminant	Power supply voltage	Brightness adjustment	Shift of major and stand by lamps
ZF700S	≥150,000/ Lux	4500±500K	88-95	1050mm	580 W/m²	160-280mm	150W	≥1.000h	AC110-240V, 50/60Hz	Automatic8-stage continuous light adjustment	Automatic
ZF600S	≥120,000/ Lux	4500±500K	88-95	1050mm	426 W/m²	160-280mm	150W	≥1.000h	AC110-240V, 50/60Hz	Automatic8-stage continuous light adjustment	Automatic
ZF500S	≥100,000 Lux	4500±500K	88-95	1300mm	466 W/m²	160-280mm	150W	≥1.000h	AC110-240V, 50/60Hz	Automatic8-stage continuous light adjustment	Automatic

ZF Series Technical Data

Type	Illuminance	Colour temperature	Colour reduction index(Ra)	Illuminance depth	Total irradiance	Size of light field	(24V) Rated power of bulb	Service life of illuminant	Power supply voltage	Brightness adjustment	Shift of major and stand by lamps	Emergency time
ZF700E	≥150,000/ Lux	4500±500K	88-95	1050mm	580 W/m²	160-280mm	150W	≥1.000h	AC110-240V, 50/60Hz	Automatic8-stage continuous light adjustment	Automatic	≥2 hours
ZF600E	≥120,000/ Lux	4500±500K	88-95	1050mm	426 W/m²	160-280mm	150W	≥1.000h	AC110-240V, 50/60Hz	Automatic8-stage continuous light adjustment	Automatic	≥2 hours
ZF500E	≥100,000 Lux	4500±500K	88-95	1300mm	466 W/m²	160-280mm	150W	≥1.000h	AC110-240V, 50/60Hz	Automatic8-stage continuous light adjustment	Automatic	≥2 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	Foci	Double ratio	Video frequency export	Vidicon power supply	Lowest height of installation
ZF700/700 Camera on the arm	2.38 million	≥46db	0.5~2m	F5.1~51.0mm	double	1.0Vp-p75Ω	12VDC±10%	3100mm
ZF700/500 Camera on the handle	2.38 million	≥46db	0.5~2m	F5.1~51.0mm	double	1.0Vp-p75Ω	12VDC±10%	3100mm
ZF700/500 Camera on the handle	2.38 million	≥46db	0.5~2m	F5.1~51.0mm	double	1.0Vp-p75Ω	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

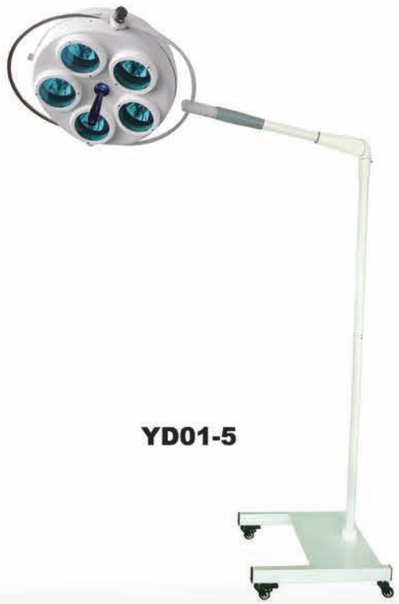


YD02-5+5 LED

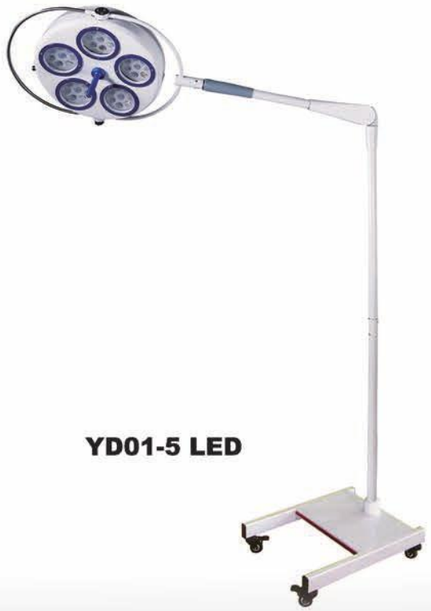
YD02 Series Technical Data

Type	Illuminance	Colour temperature	Colour reduction index(Ra)	Illuminance depth	Total irradiance	Size of light field	Lamp head diameter	Rated power of bulb	Bulb	Power supply voltage	Best height of installation
YD02-5W LED On Wall	≥100,000LUX	4800±300K	92	≥500mm	480W/m²	160-220mm	500mm	3.2V/1W	LED Bulb ≥30,000h	AC110-240V, 50/60Hz	2300mm
YD02-5+5 LED On Ceiling	≥100,000LUX ≥100,000LUX	4800±300K	92 92	≥500mm ≥500mm	480W/m² 480W/m²	160-220mm	500mm	3.2V/1W	LED Bulb ≥30,000h	AC110-240V, 50/60Hz	2600mm
YD02-5 LED On Ceiling	≥100,000LUX	4800±300K	92	≥500mm	480W/m²	160-220mm	500mm	3.2V/1W	LED Bulb ≥30,000h	AC110-240V, 50/60Hz	2300mm

PRODUCT MODEL



YD01-5



YD01-5 LED



YD01-4



YD01-4 LED





YD01-Ⅰ
YD01-Ⅱ



YD01-Ⅰ LED

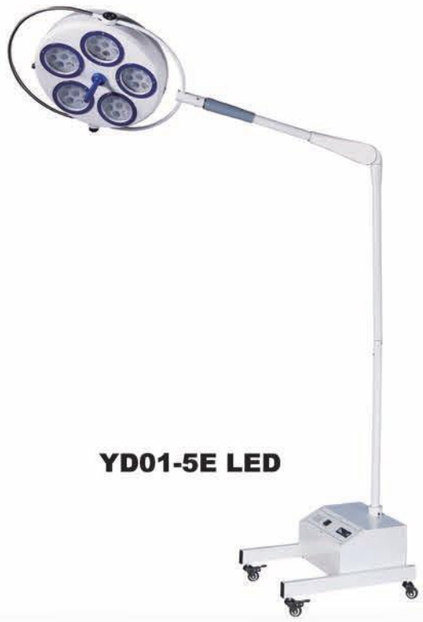
YD01 SERIES TECHNICAL DATA

Type	Illuminance	Colour temperature	Colour reduction index(Ra)	Illuminance depth	Total irradiance	Size of light field	Power supply voltage	(24V) Rated power of bulb	Bulb
YD01-5	≥60,000 Lux	3700±500K	85	900mm	547W/m²	160-220mm	AC 220V/50-60 Hz (110V/60Hz custom-made)	25W	Cold light source
YD01-4	≥50,000 Lux	3700±500K	85	900mm	547W/m²	160-220mm	AC 220V/50-60 Hz (110V/60Hz custom-made)	25W	Cold light source
YD01-5 LED	≥100,000 Lux	4800±300K	92	500mm	480W/㎡	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	480W/㎡	160-220mm	AC 220V/50-60 Hz (110V/60Hz custom-made)	3.2V/1W	LED Bulb ≥30,000h
YD01-Ⅰ	≥12,000 Lux	3500±500K	95	/	459W/m²	/	AC 220V/50-60 Hz (110V/60Hz custom-made)	25W	Cold light source
YD01-Ⅱ	≥25,000 Lux Illuminance adjustable	3500±500K	95	/	459W/m²	/	AC 220V/50-60 Hz (110V/60Hz custom-made)	50W	Tungsten halogen bulb
YD01-Ⅰ LED	≥25,000 Lux Illuminance adjustable	4800±500K	93	/	480W/m²	/	AC 220V/50-60 Hz (110V/60Hz custom-made)	3.2V/1W	LED Bulb ≥30,000h

PRODUCT MODEL



YD01-5E



YD01-5E LED



Bulb
24V25W



YD01-IE



YD01-IE LED



YD01-4E



YD01-4E LED

YD01 SERIES TECHNICAL DATA

Type	Illuminance	Colour temperature	Colour reduction index(Ra)	Illuminance depth	Total irradiance	Size of light field	Power supply voltage	(24V) Rated power of bulb	Bulb	Emergency time
YD01-5E	≥60,000 Lux	3700±500K	85	900mm	547W/m²	160-220mm	AC 220V/50-60 Hz (110V/60Hz custom-made)	25W	Cold light source	≥2 hours
YD01-4E	≥50,000 Lux	3700±500K	85	900mm	547W/m²	160-220mm	AC 220V/50-60 Hz (110V/60Hz custom-made)	25W	Cold light source	≥2 hours
YD01-5E LED	≥100,000 Lux	4800±300K	92	500mm	480W/㎡	160-220mm	AC 220V/50-60 Hz (110V/60Hz custom-made)	3.2V/1W	LED Bulb ≥30,000h	≥6 hours
YD01-4E LED	≥80,000 Lux	4800±300K	92	500mm	480W/㎡	160-220mm	AC 220V/50-60 Hz (110V/60Hz custom-made)	3.2V/1W	LED Bulb ≥30,000h	≥6 hours
YD01-IE	≥12,000 Lux	3500±500K	95	/	459W/m²	/	AC 220V/50-60 Hz (110V/60Hz custom-made)	25W	Cold light source	≥2 hours
YD01-IE LED	≥25,000Lux Illuminance adjustable	4800±500K	93	/	480W/m²	/	AC 220V/50-60 Hz (110V/60Hz custom-made)	3.2V/1W	LED Bulb ≥30,000h	≥6 hours

PRODUCT MODEL



YD200LED



YD200ELED



YD200



YD200E



YD200CLED



YD200WLED



YD200C



YD200W

YD200LED SERIES TECHNICAL DATA

Type	Illuminance	Colour temperature	Power supply voltage	Rated power of bulb	Lamp head diameter	Emergency time	Lowest height of installation
YD200LED	≥60,000 Lux	4800±300K	AC 220V/50-60 Hz (110V/60Hz custom-made)	3.2V/1W	180mm	/	/
YD200ELED	≥60,000 Lux	4800±300K	AC 220V/50-60 Hz (110V/60Hz custom-made)	3.2V/1W	180mm	≥6 hours	/
YD200CLED	≥60,000 Lux	4800±300K	AC 220V/50-60 Hz (110V/60Hz custom-made)	3.2V/1W	180mm	/	2300mm
YD200WLED	≥60,000/ Lux	4800±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	≥50,000 Lux	4000±500K	AC 220V/50-60 Hz (110V/60Hz custom-made)	50W	180mm	Tungsten halogen bulb	/	/
YD200E	≥50,000 Lux	4000±500K	AC 220V/50-60 Hz (110V/60Hz custom-made)	50W	180mm	Tungsten halogen bulb	≥2 hours	/
YD200C	≥50,000 Lux	4000±500K	AC 220V/50-60 Hz (110V/60Hz custom-made)	50W	180mm	Tungsten halogen bulb	/	2300mm
YD200W	≥50,000/ Lux	4000±500K	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 engergy 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;

Enmergency time

Model YD01-1SE is equipped with stand-by rechargeable battery, which is able to serve for 6 hours in terms of elcetrical 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	⩾50,000Lux 0.5m	4800±200K	120mm	160mm	AC 220V/50-60Hz (110V/60Hz custom-made)	3.2V/1W	/

PRODUCT MODEL



YD01A(LED)



YD01W(LED)



YD01W



YD01A

EXAMINATION TECHNICAL DATA

Type	Illuminance	Colour temperature	Size of light field	Brighteness adjustment	Lamp head diameter	Power supply voltage	Rated power of bulb	Bulb life	Pole
YD01A (LED)	30,000Lux 0.5m /10,000Lux 1m	4800±200K	100mm	Absolute adjustment	55mm	AC 110/220V 50-60Hz	3.3V/3W	⩾50,000 hours	Adjust up and down
YD01W (LED)	30,000Lux 0.5m /10,000Lux 1m	4800±200K	100mm	Absolute adjustment	55mm	AC 110/220V 50-60Hz	3.3V/3W	⩾50,000 hours	/
YD01A	25,000Lux 0.5m 10,000Lux 1m	4000±200K	100mm	Absolute adjustment	75mm	AC 110/220V 50-60Hz	12V/35W	⩾2000 hours	Adjust up and down
YD01W	25,000Lux 0.5m 10,000Lux 1m	4000±200K	100mm	Absolute adjustment	75mm	AC 110/220V 50-60Hz	12V/35W	⩾2000 hours	/

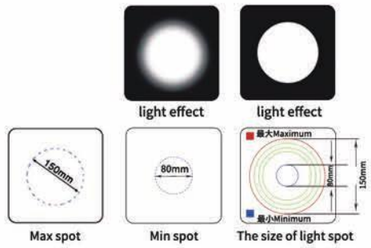
PRODUCT INSTRUCTION

HF-FSLED examination lamp is extensively applied in industry, medical treatment, jewelry, photo-graph. 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 05m/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 engergy conservation,but also has quick re-sponse and high efficiency of optical transtion rate.



Luminance Stepless Adjustment

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



Adjustable Height

Free adjustment of brightness and digital infinite regu-lation 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.

PRODUCT MODEL

MT600
Manual Hydraulic Operating Table



HFMH3008A
Manual Hydraulic Operating Table





HFMH700A
Electro-hydraulic Operating Table



1006 Traction Frame



HFMH3008AB
Manual Hydraulic Operating Table



HFMS3001B
Electro-hydraulic Operating Table

HF Series Operating Table

Type	Length and width for tabletop	Elevation (down/up)	Trendelenburg/ Reverse trendelenburg	Lateral tilt (left/right)	Head rest (up/down)	Leg plate (up/down/ outward)	Back plate (up/down)	Kidney bridge elevation
MT600	2000/500mm	700/1070mm	25°/30°	20°/20°	60°/75°	15°/90°/90°	70°/30°	120mm
HFMH3008A	2080/480mm	790/1030mm	25°/25°	18°/18°	45°/90°	90°	90°/10°	120mm
HFMH3008AB	2010/500mm	760/1010mm	22°/22°	20°/20°	60°/70°	15°/85°/90°	75°/15°	120mm
HFMS3001B	1960/480mm	200/680mm	15°/20°	15°/15°	35°/40°	90°	75°	80mm
HFMH700A	2050/520mm	690/1000mm	32°	22°/22°	45°/90°	20°/ 90°/90°	85°/25°	130mm
1006Traction Frame	1860/530mm	320/860mm	/	/	/	/	/	/

Operating Table

Engineered for increasingly complex surgical scenes, HFEOT99X comes with intelli–gent automatic control system satisfying various demands of general surgeries. Extra wide tabletop,extreme loading system,long horizontal slid–ing that can be suitable for both X–ray and C–arm. HFEOT99x is an ideal electric operating table.

Extreme weight load capacity of 250kgs with highest safety and stabilit
Memory pad with antistatic, waterproof design
Standard override panel control makes the control safer
Battery power for 50-80 operations



HFEOT99X

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 initia-tion 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.







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.The Easy click new mounting point enables the table adapted to wide variety of surgery and patients'height.

7.Maximum and minimum heights of the HFEOT100 ,for comfortable working ,both seated and standing.











HFEOT100







General Surgery



LateralLying Position For Chest Kidney,cholecyst Operation



E.N.T.Operation Position



Chest And Abdomen Operation Position



Optional Lateral Arm Support



Anorectum Operation Position

PRODUCT MODEL

HFEOT99X
Electric Operating Table



HFEOT99
Electric Operating Table





HFEOT99S
Electro-hydraulic Operating Table

HFEOT100
Electro-hydraulic Operating Table



HFEOT99C
Electro-hydraulic Operating Table



HFEOT2000
Electro-hydraulic Operating Table



HFEOT99D
Electro-hydraulic Operating Table



HF Series Operating Table

Type	Length and width for tabletop	Elevation (down/up)	Trendelenburg/ Reverse trendelenburg	Lateral tilt (left/right)	Head rest (up/down)	Footplate (up/down&horizontal positioning)	Back plate (up/down)	Kidney bridge	Longitudinal Sliding	Power
HFEOT99X	2100/550mm	710/1010mm	25°/25°	15°/15°	40°/90°	90°/90°/15°	85°/20°	110mm	350mm	220V 50Hz 1.0kW
HFEOT99	2070/550mm	700/1000mm	25°/25°	15°/15°	45°/90°	15°/90°/90°	75°/20°	110mm	300mm	220V 50Hz 1.0kW
HFEOT99C	1960/500mm	690/1100mm	30°/30°	18°/18°	40°/90°	15°/90°/90°	90°/40°	110mm	350mm	220V 50Hz 1.0kW
HFEOT2000	2080/485mm	500/800mm	22°/22°	17°/17°	45°/90°	55°/90°/90°	75°/20°	110mm	/	220V 50Hz 1.0kW
HFEOT99D	1960/500mm	690/1100mm	30°/30°	18°/18°	40°/90°	15°/90°/90°	90°/40°	/	350mm	220V 50Hz 1.0kW
HFEOT99S	2170/550mm	690/1100mm	30°/30°	20°/20°	40°/90°	15°/90°/90°	90°/40°	110mm	350mm	220V 50Hz 1.0kW
HFEOT100	2100/550mm	550/500mm	35°/35°	20°/20°	40°/90°	40°/90°/40°	80°/45°	120mm	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 for tabletop	Elevation (down/up)	Trendelenburg/ Reverse trendelenburg	Back plate (up/down)	Power
HFMPB06B	1800/600mm	680/900mm	≥8°/≥20°	55°/10°	/
HFEPB99B	1780/600mm	680/880mm	8°/20°	45°/7°	220V 50Hz 1.0kW
HFMPB06C	1800/600mm	680/880mm	8°/20°	55°/10°	/
HFEPB99	1860/560mm	600/900mm	11°/25°	65°/10°	220V 50Hz 1.0kW
HFOOT99	2000/530mm	500/760mm	/	/	/

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
HFEOT99A	⩾2080mm ⩾550mm	⩽500mm ⩾200mm	⩾45° ⩾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

HFOOT99A-1 Electric Ophthalmology Operating Table



The main technical parameters

Model	Head Plate Elevation Range	Back Plate up/down	Leg Plate down	Table Top Lateral Sliding	Table Top Horizontal Sliding	Doctor Arm Support Elevation Range
HFOOT99A-1	50mm	⩾60° ⩾10°	⩾60°	100mm	300mm	240mm

Standard accessories

Infusion Rod	Arm Board	Instrument Tray	Foot Switch	Hand Remote	Fixing Camp	Mattress
1	1	1	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	Foot shoes displacement	Leg support minimum height	Leg support elevation range	Adjustment of the foot shoes ' angle range	The angle range of main horizontal support frame	Traction length	Traction width	Seat plate minimum height
1006	250mm	⩾200mm	⩽710mm	⩾270mm	⩾60°	⩾180°	⩾1950mm	540~610mm	⩽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	Foot shoes displacement	Leg support minimum height	Leg support elevation range	Adjustment of the foot shoes ' angle range	The angle range of main horizontal support frame	Traction length	Traction width	Seat plate minimum height
1007	430mm	⩾220mm	⩽760mm	⩾300mm	⩾90°	⩾180°	⩾1950mm	560~610mm	⩽670mm

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

It is an indispensable medical auxiliary equipment in the operating room of small hospitals. The rotation angle ≤ 340 ° 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.



HFZ-L(O)
Function Column

Technical specificantion and configuration
Arm rotating radius：800mm+800mm
Arm rotating angle：340°
Braking system：friction brake
Maximum load capacity：120kg
Standard configuration
Medical gas terminal units (penlon BS 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 * 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.

It is an indispensable medical auxiliary equipment in the operating room of small hospitals. The rotation angle ≤ 340 ° 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.



HFZ-X(N)
Function Column



HFZ-X
Function Column



HFZ-X(O)
Function Column

Technical specificantion and configuration
Arm rotating radius：800mm+800mm
Arm rotating angle：340°
Braking system：friction brake
Maximum load capacity：120kg
Standard configuration
Medical gas terminal units (penlon BS 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 * 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, and is equipped with mechanical brake to prevent floating.



HFP-SD90/160(N)
Mechanical single arm rotating crane surgical pendant

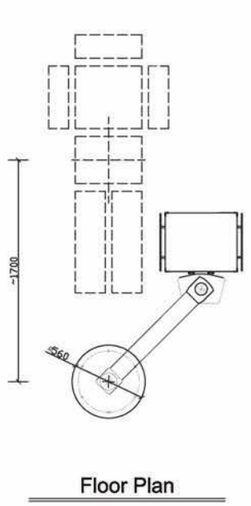


HFP-SD90/160(O)
Mechanical single arm rotating crane surgical pendant



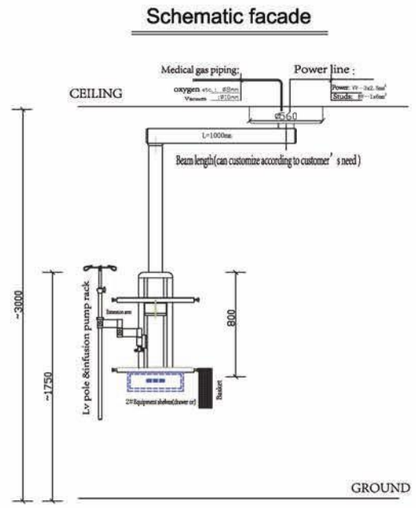
HFP-SD90/160
Mechanical single arm rotating crane surgical pendant

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 ≤ 340 ° single rocker does not rise and fall.



Floor Plan

Schematic facade



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(suction), others 8mm(oxygen etc).
2. For laying power lines, communication lines to the positioning point of the pendant, the reserved length shall be guaranteed <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 specificantion and configuration
Arm rotating radius：1000mm
Arm rotating angle：340°
Braking system：friction brake
Maximum load capacity：160kg
Standard configuration
Medical gas terminal units (penlonBS 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 * 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, and is equipped with mechanical brake to prevent floating.



HFP-SS90/160(N)
Mechanical double arm rotating
crane surgical pendant



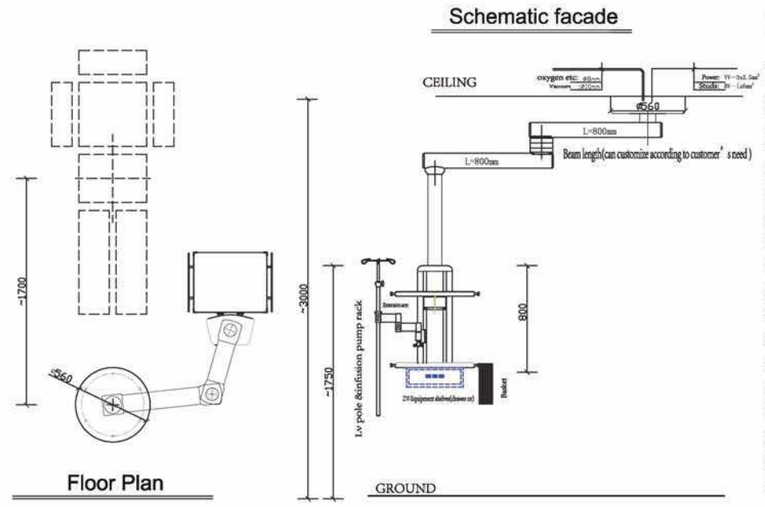
HFP-SS90/160(O)
Mechanical double arm
rotating
crane surgical pendant



HFP-SS90/160
Mechanical double arm rotating
crane surgical pendant

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 ≤ 340 ° single rocker does not rise and fall.

Schematic facade



Floor Plan

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(suction), others 8mm(oxygen etc).
2. For laying power lines, communication lines to the positioning point of the pendant, the reserved length shall be guaranteed <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 specificantion and configuration
Arm rotating radius：800mm+800mm
Arm rotating angle：340 °
Braking system：friction brake
Maximum load capacity：120kg
Standard configuration
Medical gas terminal units (penlon BS 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 * 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.



HFP-DD240/380(N)
Electric single arm rotating
crane surgical pendant

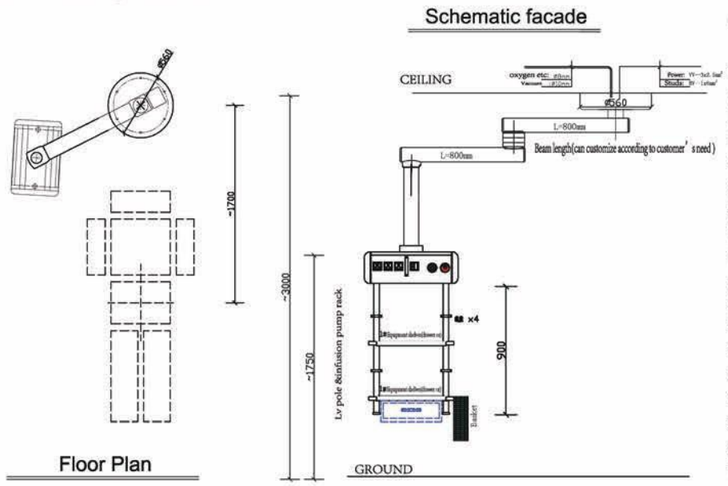


HFP-DD240/380(O)
Electric single arm rotating
crane surgical pendant



HFP-DD240/380
Electric single arm rotating
crane surgical pendant

It can easily move and fix the tower 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 ≤ 340 ° single arm lifting 500mm.



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(suction), others 8mm(oxygen etc).
2. For laying power lines, communication lines to the positioning point of the pendant, the reserved length shall be guaranteed <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 specificantion and configuration
Arm rotating radius：800mm+800mm
Arm rotating angle：340°
Braking system：friction brake
Maximum load capacity：120kg
Standard configuration
Medical gas terminal units (penlon BS 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 * 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 ≤ 340 ° electric lifting, single arm lifting 500mm.



HFP-DS240/380(O)
Electric double arm rotating crane surgical pendant

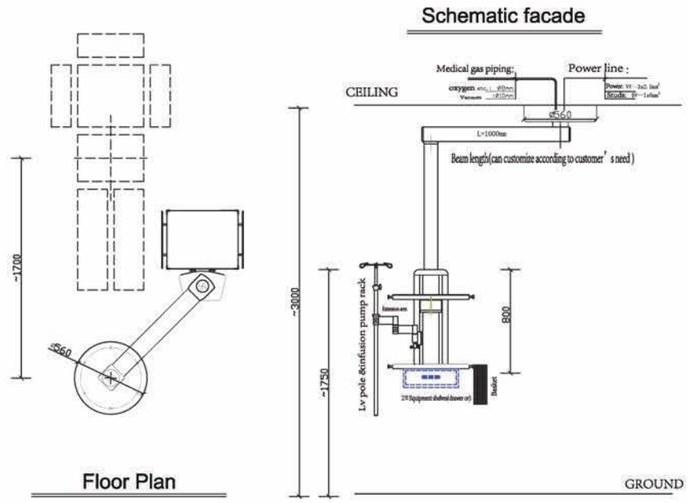


HFP-DS240/380(N)
Electric double arm rotating crane surgical pendant



HFP-DS240/380
Electric double arm rotating crane surgical pendant

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(suction), others 8mm(oxygen etc).
2. For laying power lines, communication lines to the positioning point of the pendant, the reserved length shall be guaranteed <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 specificantion and configuration
Arm rotating radius：1000mm
Arm rotating angle：340°
Braking system：friction brake
Maximum load capacity：160kg
Standard configuration
Medical gas terminal units (penlonBS 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 * 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 tower. Modular design, diversified combination. Advanced spray technology and innovative intelligent combination mode make suspension bridge have diversified functions.

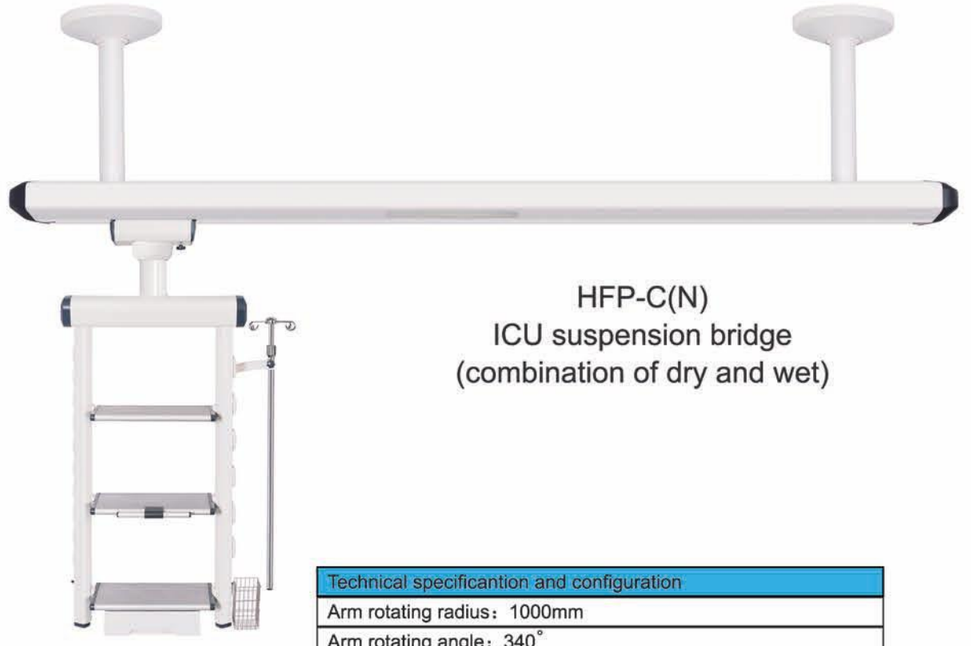


HFP-C
ICU suspension bridge
(combination of dry and wet)



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.

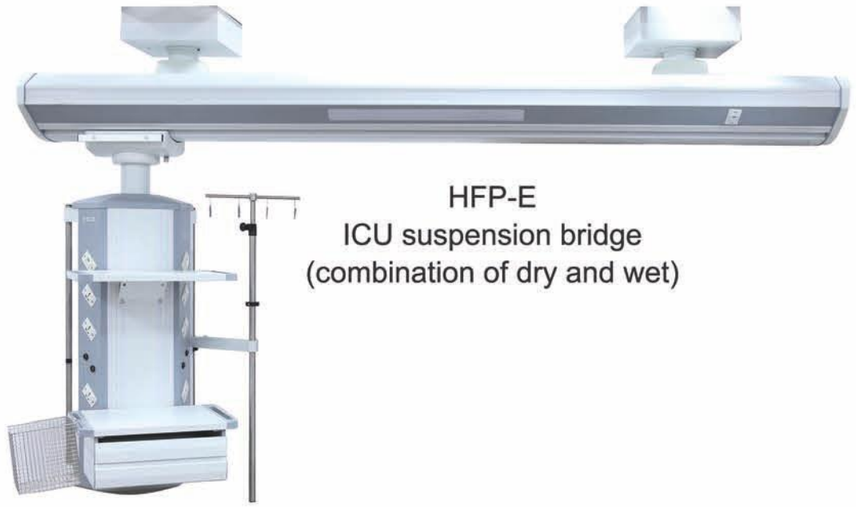


HFP-C(N)
ICU suspension bridge
(combination of dry and wet)

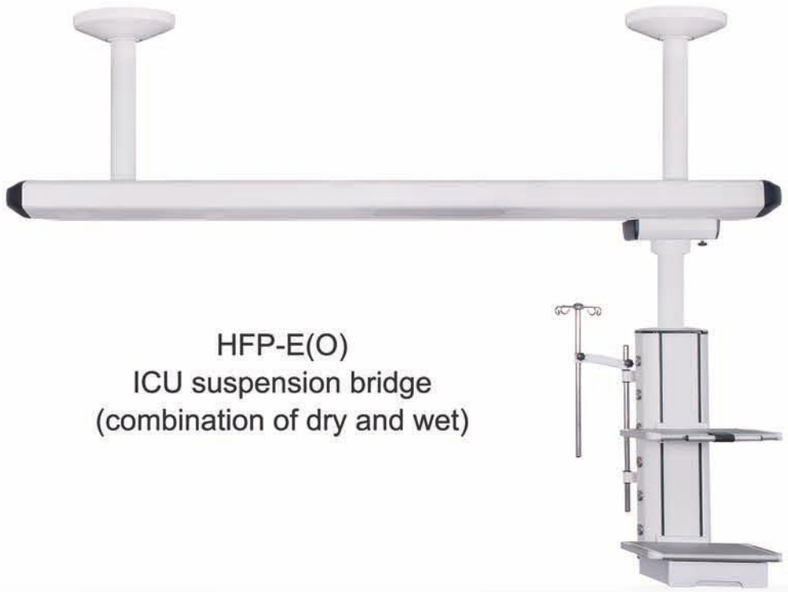
Technical specificantion and configuration
Arm rotating radius：1000mm
Arm rotating angle：340°
Braking system：friction brake
Maximum load capacity：160kg
Standard configuration
Medical gas terminal units (penlonBS standard or DIN standard)
2 * oxygen terminal units
2 * vacuum terminal units
1 * medical 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 * 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 tower. Modular design, diversified combination. Advanced spray technology and innovative intelligent combination mode make suspension bridge have diversified functions.

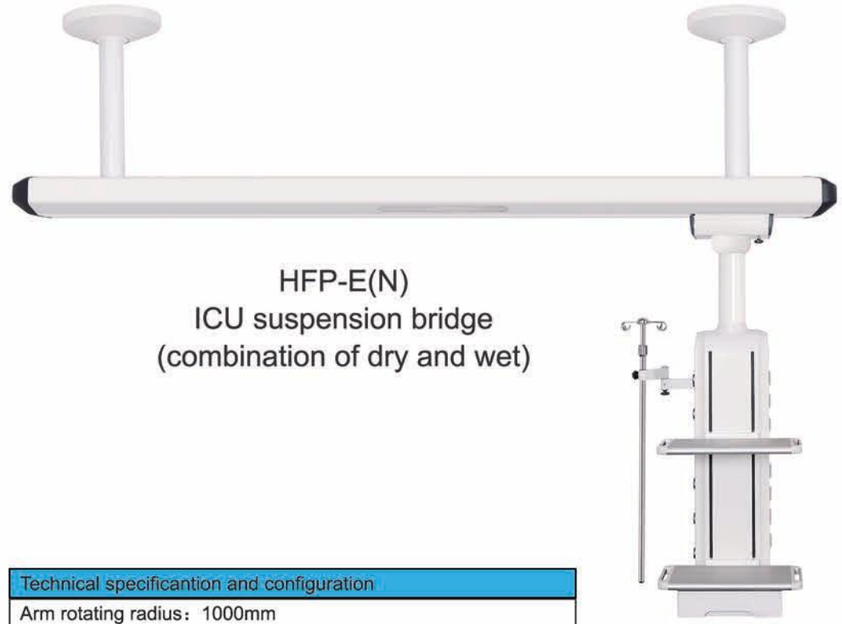


HFP-E
ICU suspension bridge
(combination of dry and wet)



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

Technical specificantion and configuration
Arm rotating radius：1000mm
Arm rotating angle：340°
Braking system：friction brake
Maximum load capacity：160kg
Standard configuration
Medical gas terminal units (penlonBS 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 * IV pole &infusion pump rack

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 bya 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.



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

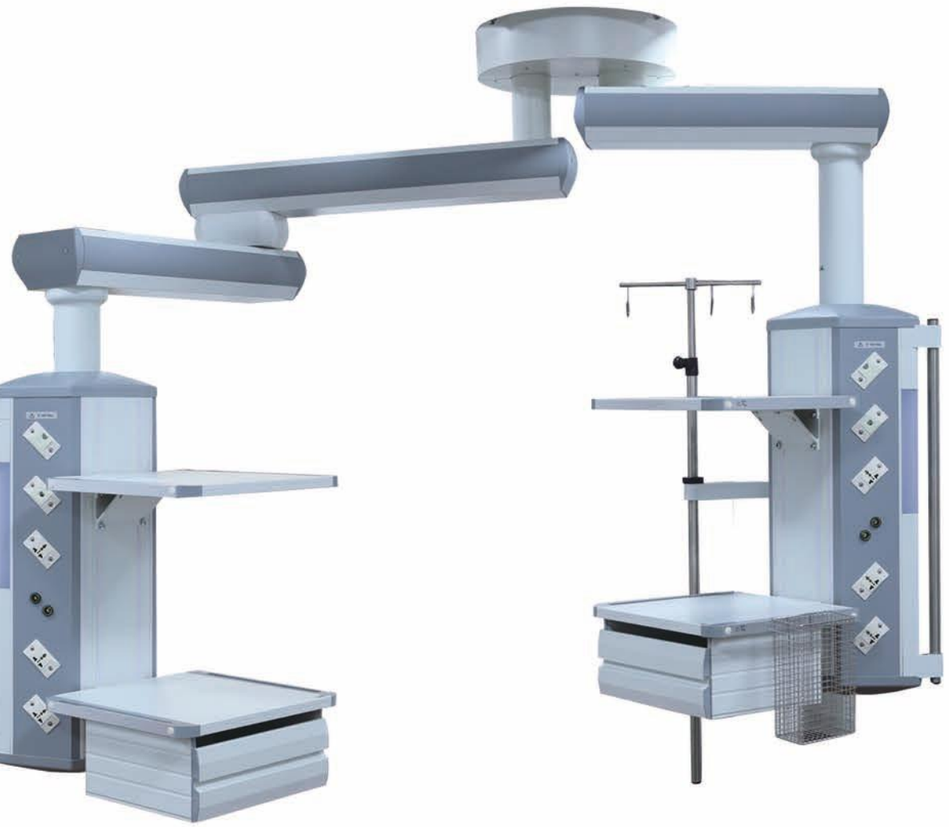
The moving and rotating part adopts mechanical braking to prevent drift, and the center of the bridge is equipped with an illuminated treatment lamp. It provides lighting solutions for clinical treatment. In addition, communication paging, monitoring, video phone, background music, teaching and remote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



HFP-C+S (N)
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.



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

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.

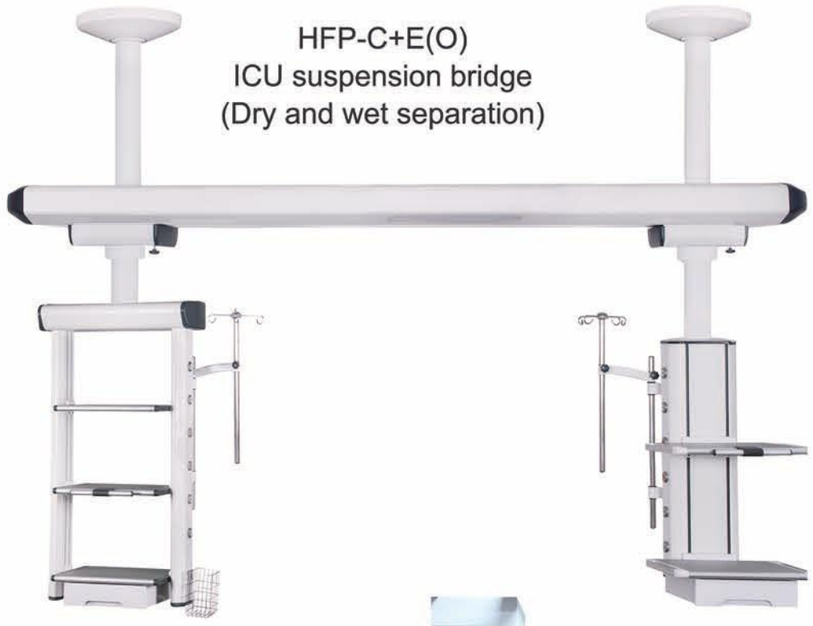


HFP-S+S(O)
ICU double pendant
(Dry and wet separation)

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.

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

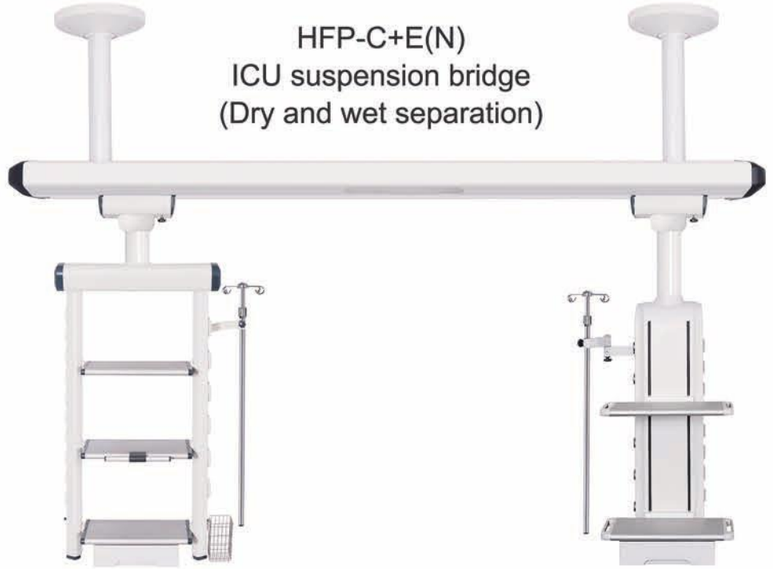


HFP-C+E
ICU suspension bridge
(Dry and wet separation)



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 angle≤340°.

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



Technical specificantion and configuration
Arm rotating radius：1000mm
Arm rotating angle：340°
Braking system：friction brake
Maximum load capacity：160kg
Standard configuration
Medical gas terminal units (penlonBS 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 * IV 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.

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.

*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



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 ceilling mounted bridge

Optional shape: square/U-shape



Configuration (each)	Quantity
* Main beam 3400MM	1
* Hanger 1400MM	1
* Instrument platform	3
* Self-priming drawer	1
* Double extension arms	2
* Infusion rod	2
* Mesh basket 300×150×100mm (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

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

Pendant device and system

1 Universal rail under the beam can hang varieties of workstations

2.Optional workstations can meet clincal 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

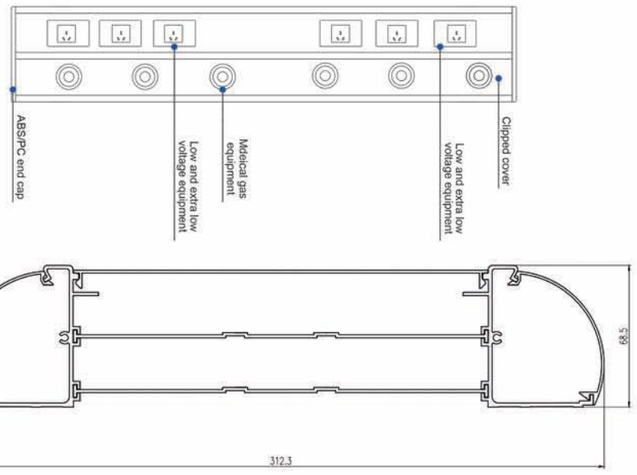
2. Supply with gas ,power and data both inside and outside interface

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

Bed Head Unit



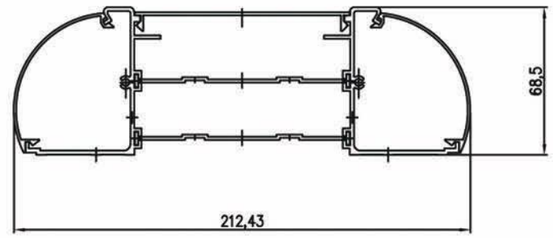




Bed Head Unit With Nurse Call







Sixteen Styles Bed Head Unit

Instrution:
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.

Instrution:
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

Type	Mean Pressure	Respiratory rate range	Heart Rate	Size	Systolic Pressure	Diastolic pressure	Thermometer	Pulse Rate	Blood pressure test model
HF-8000A	20~165 mmhg	0~120brpm	0.5Hz-150Hz	320mm*280mm*170mm	40~270 mmhg	10~215 mmhg	33°~43°	20-250	Automatic/manual
HF-8000B	20~165 mmhg	0~120brpm	0.5Hz-150Hz	320mm*280mm*170mm	40~270 mmhg	10~215 mmhg	33°~43°	20-250	Automatic/manual
HF-8000C	20~165 mmhg	0~120brpm	0.5Hz-150Hz	320mm*280mm*170mm	40~270 mmhg	10~215 mmhg	33°~43°	20-250	Automatic/manual
HF-8000D	20~165 mmhg	0~120brpm	0.5Hz-150Hz	320mm*280mm*170mm	40~270 mmhg	10~215 mmhg	33°~43°	20-250	Automatic/manual

PRODUCT MODEL

Electrosurgical Unit



HF-350AR



HF-350A



LEEP



HF-350C

Output Rating:

0.7lut : 400W（Load 500Ω）b）Blend 1: 200W（Load 500Ω）c）

Blend 2: 150W（Load 500Ω）

Electro Coag 1: 120W（Load 500Ω）Electro Coag 2: 80W （Load 500Ω）

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: 5ºC～40 ºC； 2、Relative Humidity Range: ≤80；

3、Atmospheric Pressure Range: 86.0～106.0kpa； 4、Power: 220V±22V，50Hz±1；

5、Operating Freq.: 330～460kHz; 6、Rated Power: 880VA±10%；

7、Type: CF

Power Consumption: ≤1100VA （Cut function 400）

Transportation and Storage:

Ambient Temp. Range: -40 ºC ～ 55 ºC； Relative Humidity: ≤95%；Atmospheric Pressure: 500hpa ～ 1060hpa；

PRODUCT MODEL

Fingertip Pulse Oximeter

A3



High accuracy and durablity.
SpO2, PR, SpO2 bar graph and pulse waveform display.

Features:

*Dual color OLED display.

*Dual color OLEDdisplay with four directions.

*Compact and power-saving.

*Battery capability indication.

*High accuracy and durablity.

*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*36mm*32mm



A2



H1

Features:

*Dual color OLED display.

*Four directions with six dispaly modes.

*High accuracy and durablity.

*Battery capability indication.

*SpO2,PR,SpO2 bar graph and pulse waveform display.

*Power supply: two 1.5V AAA batteries.

*Peration menu for function setting.

*Automatic switch-off function for power-saving.

*Power consumption: below 30mAh

*Dimension: 58mm*35mm*30mm

*Standard Configuration: SpO2,PR

*Ptional Configuration:USB,Menu function



Specification:

1.SpO2: Measurement range: 70%~99%

Accuracy: ±2%(80%~99%),±3%(70%~79%), 0%~69%unspecified

Resolution:1% Low perfusion:<0.4%

2.PR: Measurement range: 30bpm-240bpm Accuracy: ±1bpm or ±1%

PRODUCT MODEL

Volumetric Infusion Pump

Classic peristaltic finger pump design, accept different brand and material international standard IV set, the deviation is within ±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.
8、USB port is convenient for technical personnel to update software.
9、The versatile bracket enables mounting the pump on infusion pole in many directions , which can save the space.
10、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 limps through manual pneumatic method. This product has such characteristics as small size,portabele 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-I	0-0.12MPA(positive)	49×30×22CM	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.

DZ



Power supply: AC 110–220V; frequency 50Hz/60Hz;
Power: ≤65VA;
Pressure adjustment range: within the pressure range of 0～90KPa
Prompt tone time: 15–240 minutes;
Electrical schematic diagram of the electric electric pneumatic hemostat (see the figure below)
IV. Usual service conditions
Environmental temperature:5℃～40℃;
Relative moisture:≤80%;
Atmospheric pressure: 860hPa～1060hPa;
Power source :110–220V;
Frequency: 50/60 HZ;

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 0-65°[±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,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°]
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.Aluminum 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 sidrails
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 sidrails
3.125mm dia.Noiseless castors with brake
4.Urine hooks,I.V drip

Function:

1.Back-rest lifting angle is 0-80°[±5°]
2.Knee-rest lifting angle is 0-40°[±5°]

Optional configuration

1.Mattress,Mobile food table

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

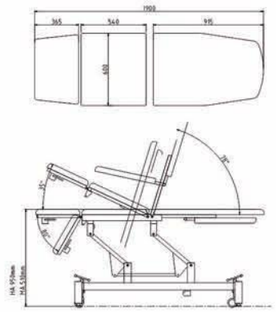
2.Knock down structure

C100

Electric podiatry chair

Size: L1900* W600* H510–950mm





Description:

1.Back part adjusted by double gas strut and foot part adjustedsingle 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° to78°
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 :





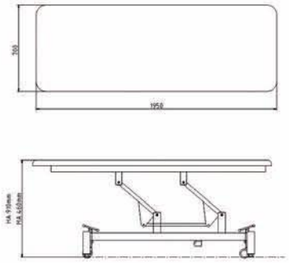


C105

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 :

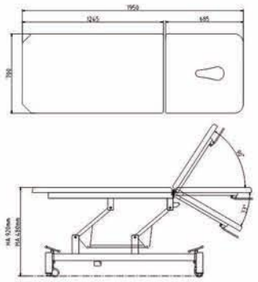


C107

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 -33°
3.Adjustable height by 1pc actuator with foot switch
4.Weight capacity:250kg

More pictures :

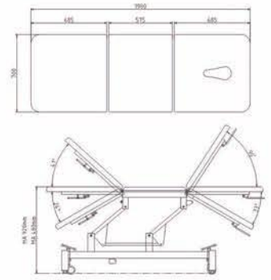


C108

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 :

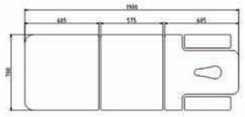


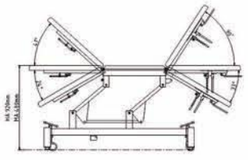
C110

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:41to –24°
4.Adjustable height by 1pc actuator with foot switch
5.Weight capacity:250kg

More pictures :





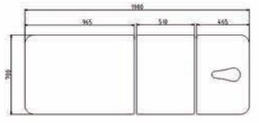


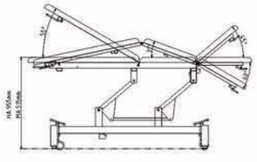
C115

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 :

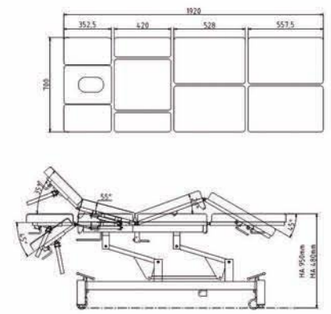


C119

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 bedsore prevention and cure

This product was further improved and innovated based upon YD-B. Allthe 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 form 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 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-42 YD-35	YD-50 50L YD-42 42L YD-35 35L	8.6Kpa	≥24Kpa	49×26×27CM	20PCS

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



YD-B

It is specially designed for preventing and curing the bedsore of bedfast patient.Through micropore on surface of aircushion,slight air blowing out to cool the body of patient,keep the skin dry and prevent breeding of pus cell so as toprevent and cure the bedsore of patient snugly supportedby air-filled cushion.This product consists of air pump andair cushion.The cushion is made of rubber coated nylon clothand then has such characteristics as high strength,lightand slinky,clean and convenient, safe and durablefeatures,etc. Its electromagnetic vibrating air pump hasfeatures of high efficiency,low energy consumption, low noise and long-term operationstability. All the aforesaid features make it the best product forprevention and curing of bedsore.

Technical Data

Type	Power supply	Rated power	Air pump noise	Alternation interval	Package	Gross weight
YD-A	220V±10% 50Hz-60Hz	12.5VA	20db(A)	5 minutes per cycle	35×26×38CM	7.5Kg
YD-B	220V±10% 50Hz-60Hz	8.5VA	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



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

UV DISNFECTION 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



HF-YZW110SWI HF-YZW110SWII

PRODUCT MODEL



Vertical Steam Sterilizer Series

☆ Hand wheel translation type quick opening structure
☆ High quality stainless steel material
☆ Microcomputer automatic control, arbitrary set of stenilization parameters
☆ Safety interlocking device
☆ Digital display and Touch type button
☆ Standardized test inerface
☆ 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
☆ Stenilization end buzzer reminder, automatic stop
☆ Autonmatic cooling air, stenilzation end automatic exhaust steam optional with extemal 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 autonatic 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 moed
☆ 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



HF-2000B3

Tidal volume:20～1800 ml
Rate:2～120bpm
SIMV rate:2～120bpm
I:E: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:5～60 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%



HF-2000B2

Tidal volume:20～1800 ml
Rate:2～120bpm
SIMV rate:2～120bpm
I:E: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:5～60 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.



HF-560B4



HF-560B5



HF-560B3 Color Screen

PRODUCT MODEL

Defibrillator Monitor



HF-200E



HF-200C

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 electrosurgical knife and defibrillation
Respiration
*Measurement method:Thoracic impedance
Standard parameter & configuration
*ECG/RESP/DEFIBRILLATOR
Optional parameter
*Recorder



HF-200D



HF-AED100

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,Asynchronized,
(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 extermal adult paddles(pediatric paddles integrated)

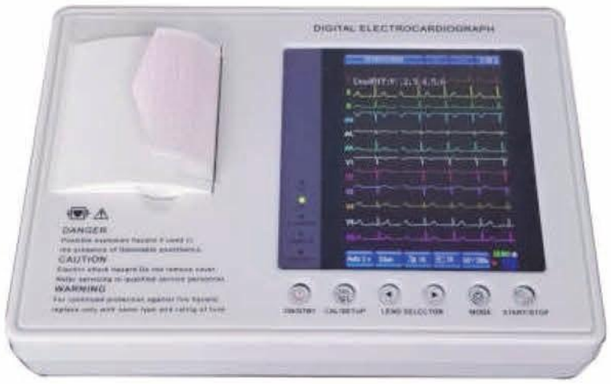
PRODUCT MODEL

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 ofhuman 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-T6
Cart Type Animal Ultrasonic
Diagnostic Instrument



HF-P6
Full Digital Color Animal Ultrasonic
Diagnostic Instrument



HF-F5
Cart 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

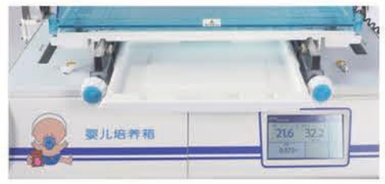


Product feature
*Air temp.and skin temp.servo-controlled by computer
*Humidity servo-control by computer
*>37℃ temperature setting
*Various self-checkalarms
*Free-step mattress tilting adjustment
*Removable humidity trough, easy to clean
*With the transfusion shelf and tray
*Added with guardrail
*RS-232 connector
*Phototherapy(option)
*02 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)