

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 "HF MED" 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.



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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.



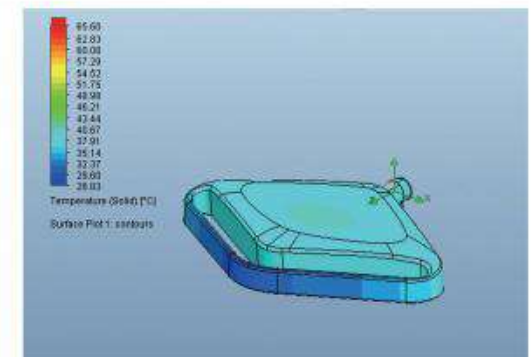
SUPERIOR LAMINAR FLOW DESIGN

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.



PRODUCT MODEL



HF-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 consumption	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-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

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 TECHNOLOGY

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

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

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

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



YD02-LED'S Open design and superior ventilation

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



YD02-LED'S Endoscope mode

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



PRODUCT MODEL



YD02-LED3+4
Adjust color temperature



YD02-LED4+4
Adjust color temperature



YD02-LED3+3
Adjust color temperature



YD02-LED3
Adjust color temperature



YD02-LED4
Adjust color temperature

YD02-LED SERIES TECHNICAL DATA

Type	Illuminance	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 consumption	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**

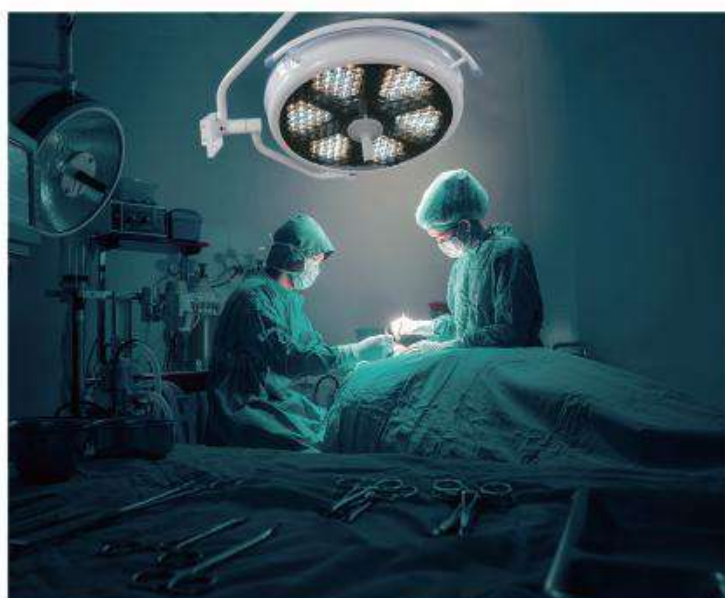
Our ergonomic, sterile operating concept allows for the simple and flexible control of all functions by the surgical team.

- **Durable**

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

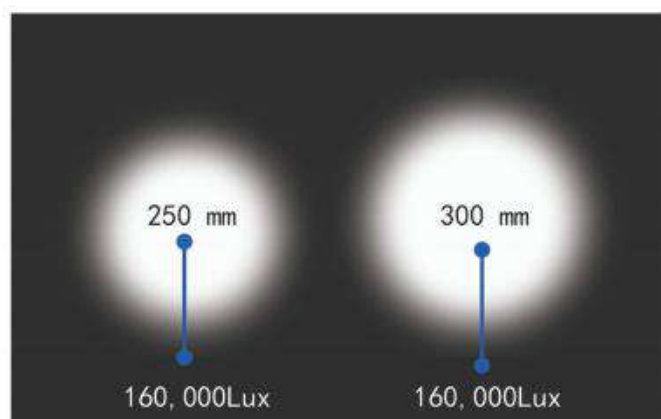
- **Efficient**

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



700/500LED Endoscope Mode

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



Ideal Conformity To purification Requirements

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

PRODUCT 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 consumption	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 opts for the mask in the lamp head



PRODUCT MODEL



700S LED



700E LED



HF-280LED



HF-280ELED



HF-280CLED



HF-280WLED



500S LED



500E LED

700 500 280 LED SERIES TECHNICAL DATA

Type	Illuminance	Colour temperature	Colour reduction index(Ra)	Total irradiance	Size of light field	Service life of illuminant	Power supply voltage	Brightness adjustment	Total power consumption	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	/	

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.



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 HF MED® multi-lens matrix, which provides homogenous light quality in both area and depth, for the best-possible visualization during examinations and minor procedures.

Lighting designed to meet your individual needs

Perfect gentle lighting is also a matter of settings. Eight brightness levels from 40,000 to 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-L25(LED)Shadowless Operating Lamp

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

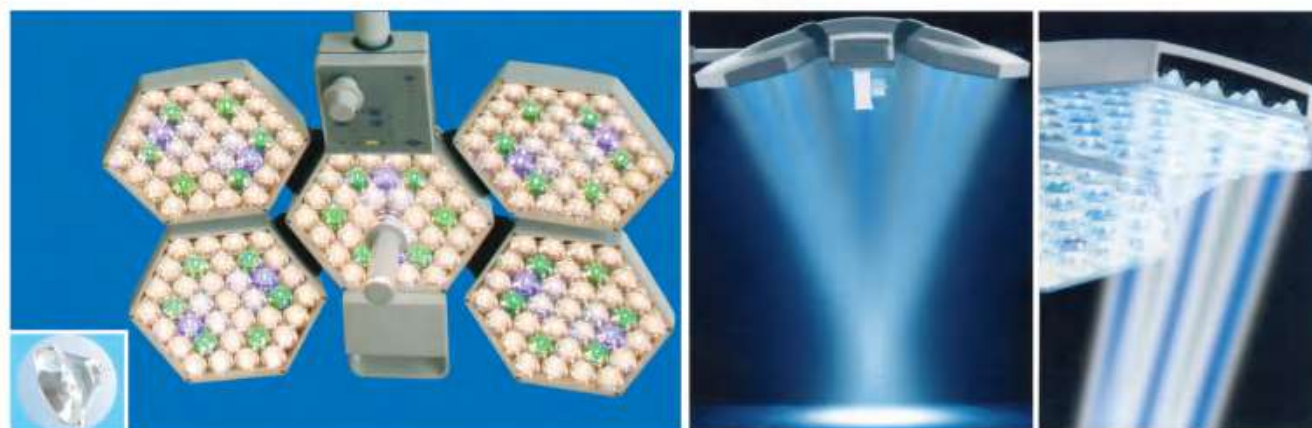
Efficient

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



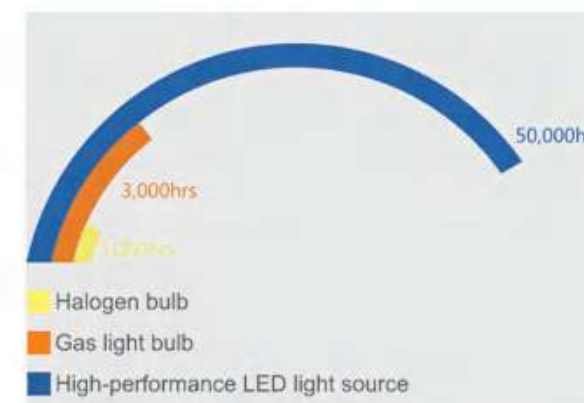
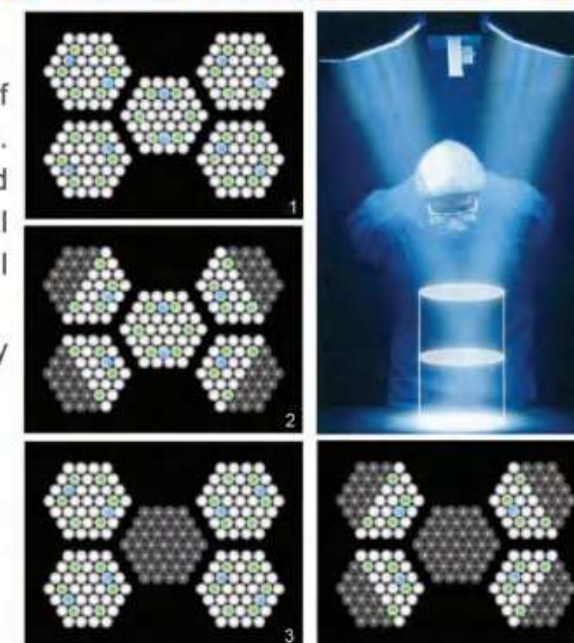
SY02-LED SERIES LEADING-EDGE LIGHTING TECHNOLOGY

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

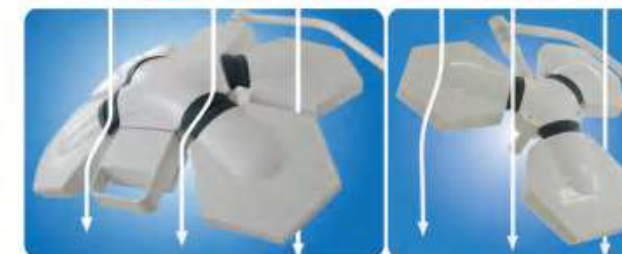
Huifeng has harnessed the far-reaching potential of the multi-lens matrix to virtually eliminate shadows. The SY02 series's overlapping fields of light and multiple patterns - selectable based on the surgical situation - minimize shadows and redirect the full selected intensity to the surgical site. 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.

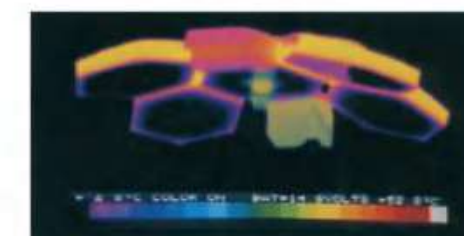
OPTIMIZED AIR FLOW DESIGN FOR BETTER HYGIENE



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 unsatisfactory wound healing because of higher temperature rise produced by ordinary operating lamp



LED Series



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-LED3W
Adjust colour temperature (On Wall)

PRODUCT MODEL

SY02-LED3+5D



SY02-LED5+5D



SY02-LED3+3D



SY02-LED3D



SY02-LED5D

SY02-LED SERIES TECHNICAL DATA

Type	Illuminance	Colour temperature	Colour 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-LED3DW On Wall

PRODUCT MODEL



SY01-LED3A
Adjust colour temperature



SY01-LED3E
Adjust colour temperature



SY01-LED3



SY01-LED3E

SY01-LED SERIES TECHNICAL DATA

Type	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-LED3E Adjust colour temperature (Emergency Mobile)	≥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-LED3E (Emergency Mobile)	≥150,000Lux	4500K±300K	96	1045mm	127W/m²	220-310mm	700mm	3.2V/1W	≥50,000h	AC110-240V, 50/60Hz	≥ 6 hours	YES

PRODUCT MODEL



SY02-LED Series Camera Technical Data

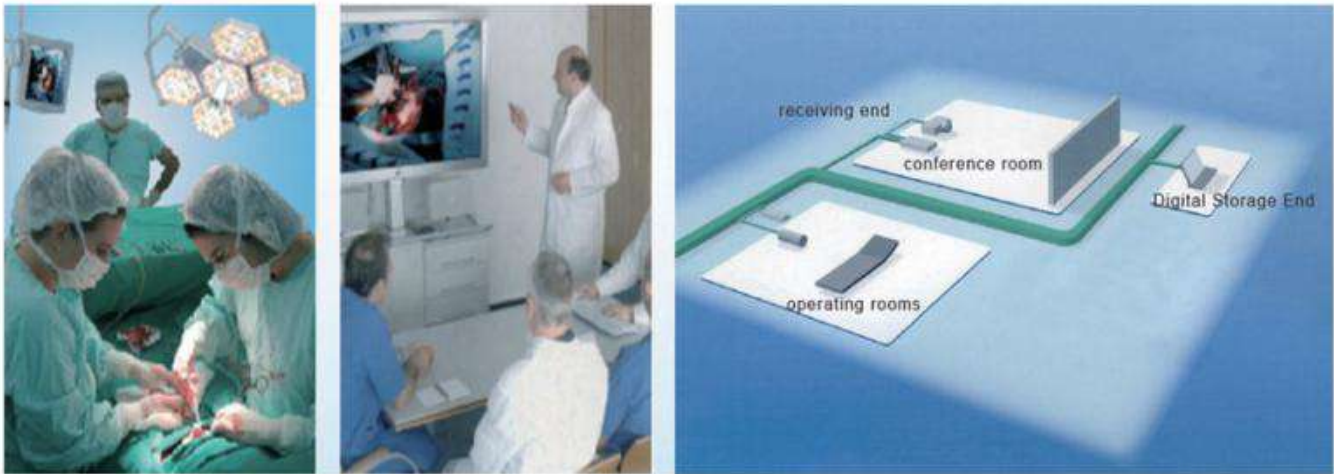
Type	Pixels	SNR	Camera Shooting distance	Foci	Double ratio (22 double Optional)	Video frequency export	Vidicon power supply	Lowest height of installation
SY02-LED3+5 Adjust colour temperature Camera on the handle	2.38 million	≥46db	0.5~2m	F 5.1mm~51.0mm	10double	1.0Vp-p75Ω	12VDC±10%	3100mm
SY02-LED3+5 Adjust colour temperature Camera on arm	2.38 million	≥46db	0.5~2m	F 5.1mm~51.0mm	10double	1.0Vp-p75Ω	12VDC±10%	3100mm

OTHER CHOICE

SY02-LED3+5 Camera on the handle	SY02-LED3+3 Camera on the arm	SY02-LED5+5 Camera on the handle	SY02-LED5+5 Camera on the handle (Cabinet selection)
SY02-LED3+3 Camera on the handle	SY02-LED3+3 Camera on the handle	SY02-LED5+5 Camera on the arm	

CAMERA INSTRUCTION

LED DIGIT ,CAMERA MONITOR & DVR SYSTEM



- The major vidicon is set in the center of the major lamp, keeping the scene and the light from shadowless lamp in the same direction so as to maintain the best visual angle for surgical operation and the clearest picture. This design makes the overall structure compact and simple.
- The auxiliary vidicon on the platform takes picture of the the entire scene, enlarging the vision for monitoring.
- The system adopts integrated digital vidicon of high sensitivity and multimedia computer controlled digital monitoring system as well as other sophisticated technologies.
- The zoom offers 22 times of zooming, making it convenient to observe the entire scene or to have local enlargement.

Monitoring function:real-time display of four picture segregation.

Video function:real-time video of all pictures.

Back play function:select back play key to replay pictures.

Network function: Provides the local arwork, the telenet transmission connection.



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



YD02 LED Series

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

YD02 LED Series

PRODUCT MODEL



YD01-LED Series Technical Data

Type	Illuminance	Colour temperature	Colour reduction index(Ra)	Illuminance depth	Total irradiance	Size of light field	Lamp head diameter	Rated power of bulb	Service life of illuminant	Power supply voltage
YD01-LED5	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

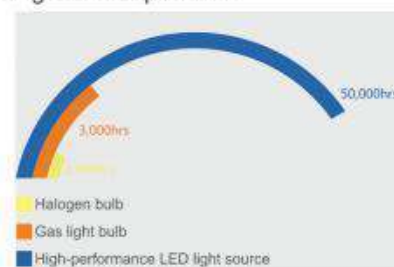
YD01-LED Series Technical Data

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
YD01-LED5E	150,000Lux	4800K±300K	96	600mm	555W/m²	100-240mm	550mm	3.2V/1W	≥50,000h	AC110-240V, 50/60Hz	≥ 6 hours
YD01-LED4E	130,000Lux	4800K±300K	96	600mm	488W/m²	100-240mm	550mm	3.2V/1W	≥50,000h	AC110-240V, 50/60Hz	≥ 6 hours
YD01-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 function and wide voltage working speciality, can work stably under AC 150V~250V, with strong anti-jamming capacity.
- Full close streamline lamp body design completely meets the demand of the sterilization and high standard of laminar flow purification in the operation room.
- The panel is made of German PC (anti-bullet plastic) by injection moulding, makes the light softer and more reliable.
- Focusing system has a delicate structure, and easy to change bulb and the ceramic seat; detachable handle cover can take high temperature ($\leq 134^{\circ}$) 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 stably. 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 streamline lamp head which is designed according to aerodynamics is helpful to laminar flow purification and application of sterilization in the operating room, this can reduce the risk of operation infection.
- The pervious glass at the bottom of lamp head is made of anti-shock and anti-disinfectant material. This pervious glass is durable and easy cleaning, and won't be 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	$\geq 140,000$ / $\geq 140,000$ Lux	4300 \pm 200K	93/93	1050mm/ 1050mm	426W/m ² / 426W/m ²	160-280mm	720mm	37V/50W	$\geq 50,000$ h	AC110-240V, 50/60Hz	2900mm
ZF720 LED	$\geq 140,000$ Lux	4300 \pm 200K	93	1050mm	426W/m ²	160-280mm	720mm	37V/50W	$\geq 50,000$ h	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 function and wide voltage working speciality, can work stably under AC 150V~250V, with strong anti-jamming capacity.
- Full close streamline lamp body design completely meets the demand of the sterilization and high standard of laminar flow purification in the operation room.
- The panel is made of German PC (anti-bullet plastic) by injection moulding, makes the light softer and more reliable.
- Focusing system has a delicate structure, and easy to change bulb and the ceramic seat; detachable handle cover can take high temperature ($\leq 134^{\circ}$) sterilization treatment.
- With back up bulb automatic switch function, when the main bulb was burnt, auxiliary lamp will be lighted in 0.2 second. There's failure indication in the handle control panel, to remind the 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 stably. 360° universal design can satisfy various needed height and angle in the operation.
- Top-built (bottom board) power supply system, avoid troubles in installation of hang-on-wall control box.

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

- Full closed streamline lamp head which is designed according to aerodynamics is helpful to laminar flow purification and application of sterilization in the operating room, this can reduce the risk of operation infection.
- The pervious glass at the bottom of lamp head is made of anti-shock and anti-disinfectant material. This pervious glass is durable and easy cleaning, and won't be 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	$\geq 120,000$ $\geq 120,000$ Lux	4500±500K	88-95	1200mm/ 1200mm	426 W/m ² /426 W/m ²	160-280mm	150W /150W	$\geq 1,000$ h	AC110-240V, 50/60Hz	Automatic8-stage continuous light adjustment	Automatic	2900mm
ZF600	$\geq 120,000$ Lux	4500±500K	88-95	1200mm	426 W/m ²	160-280mm	150W	$\geq 1,000$ h	AC110-240V, 50/60Hz	Automatic8-stage continuous light adjustment	Automatic	2900mm

OTHER CHOICE

- ZF600 Current Arm
- ZF600 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

ZF500 On Wall

ZF500 Emergency On Ceiling

ZF700 Current Arm

ZF700 On Wall

ZF700 Emergency On Ceiling

ZF Series

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/m ²	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/m ²	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/m ²	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/m ²	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/m ²	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/m ²	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	F 5.1~51.0mm	double	1.0Vp-p75Ω	12VDC±10%	3100mm
ZF700/500 Camera on the handle	2.38 million	≥46db	0.5~2m	F 5.1~51.0mm	double	1.0Vp-p75Ω	12VDC±10%	3100mm
ZF700/500 Camera on the handle	2.38 million	≥46db	0.5~2m	F 5.1~51.0mm	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+5 LED



YD02-5 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/m²	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/m²	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



YD01-IE



YD01-IE LED



YD01-4E

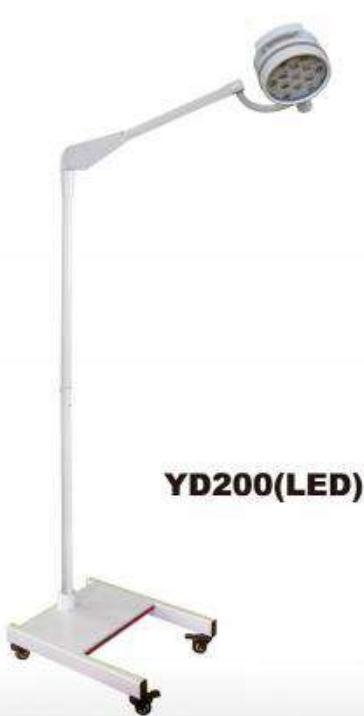


YD01-4E LED

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/m ²	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/m ²	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/m ²	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/m ²	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/m ²	/	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/m ²	/	AC 220V/50-60 Hz (110V/60Hz custom-made)	3.2V/1W	LED Bulb ≥30,000h	≥6 hours

PRODUCT MODEL



YD200(LED)



YD200ELED



YD200



YD200E



YD200CLED



YD200WLED



YD200C



YD200W

YD200 (LED) SERIES TECHNICAL DATA

Type	Illuminance	Colour temperature	Power supply voltage	Rated power of bulb	Lamp head diameter	Emergency time	Lowest height of installation
YD200 (LED)	≥60,000 Lux	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 energy conservation, but also has quick response and high efficiency of optical transition rate;

Durable Life

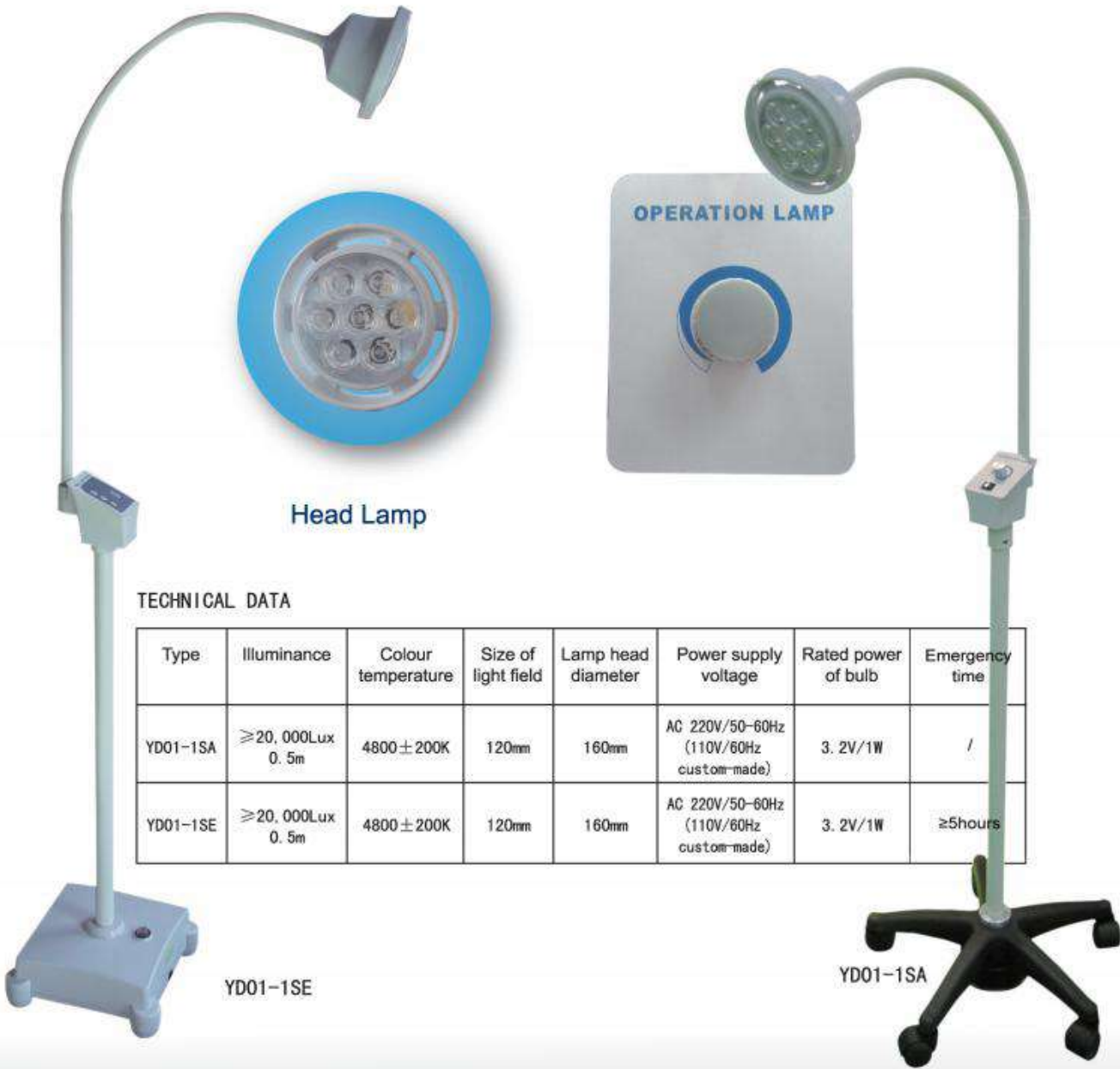
Under regular service conditions, the life of lamp bulb is not less than 20000 hours;

Adjustable Illumination

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

Emergency time

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



PRODUCT MODEL



EXAMINATION TECHNICAL DATA

Type	Illuminance	Colour temperature	Size of light field	Brightness 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	/
YD150 (LED)	20,000Lux1m	5700±200K	100mm	Absolute adjustment	135mm	220V/50Hz	3.3/3W	≥50,000 hours	Adjust up and down
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	/

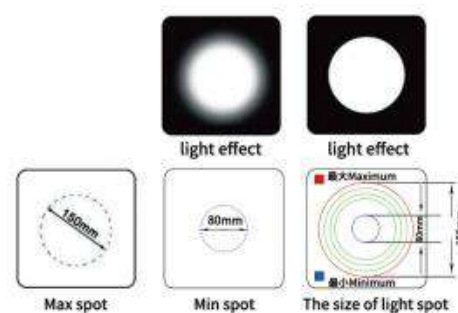
PRODUCT INSTRUCTION

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



Adjust Focus

Adjust Focus Size 80-150 mm



- Uniform light distribution, clear illumination
- Brightness adjustable, light spot adjustable luminance: 40,000Lux 0.5m/26,000Lux 1m

High Efficiency, Multi-Efficiency and Excellent Quality

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



Luminance Stepless Adjustment

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



Adjustable Height

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

TECHNICAL DATA

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

Operating Table

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



HFEOT99



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

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

Operating Table

PRODUCT MODEL

MT600
Manual Hydraulic Operating Table



HFMH3008A
Manual Hydraulic Operating Table



HFMH700A
Electro-hydraulic Operating Table



1006 Traction Frame



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 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. HFEOT99X is an ideal electric operating table.

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



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 initiation to surgery.

2, It can easily be moved to any desired position as four castors.

3, Leg plate: imported gas spring for easy controls.

4, Two joint head plate.

5, Built-in kidney bridge.

6, Double control system.



Operating Table

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

Longitudinal slide up to 350mm for free access to C arm

Extreme weight load capacity of 300kgs with highest safety and stability

Memory pad with antistatic, waterproof design

Standard override panel control makes the control safer

"EASY CLICK" leg plate control by electro-hydraulic and manual

Battery power for 50-80 operations

HFEOT99S



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



Operating Table

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

HFEOT100



General Surgery



LateralLying Position For Chest
Kidney,cholecyst Operation



E.N.T.Operation Position



Chest And Abdomen Operation Position



Optional Lateral Arm Support



Anorectum Operation Position

Operating Table

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°	15°/90°/90°	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°	15°/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

Operating Table

PRODUCT MODEL

HFMPB06B
Gynecological And Obstetric Table



HFEPB99B
Electric Gynecological And Obstetrics Table

HFMPB06C
Gynecological And Obstetrics Table



HFEPB99
Electro-hydraulic Obstetrics Table



HFOOT99
Manual Hydraulic Operating Table



Electrical chair

OPTIONAL COLOR

BLUE

YELLOW

BLACK

GRAY



HFOOT99A
Electric Operating Table For Ophthalmology

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	/	/	/
HFOOT99A	2080/ 550mm	700/500mm	/	45°/20°	220V 50Hz 1.0kW

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



HFZ-L(O)
Function Column

Technical specification 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.

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HFZ-X(N)
Function Column



HFZ-X
Function Column



HFZ-X(O)
Function Column

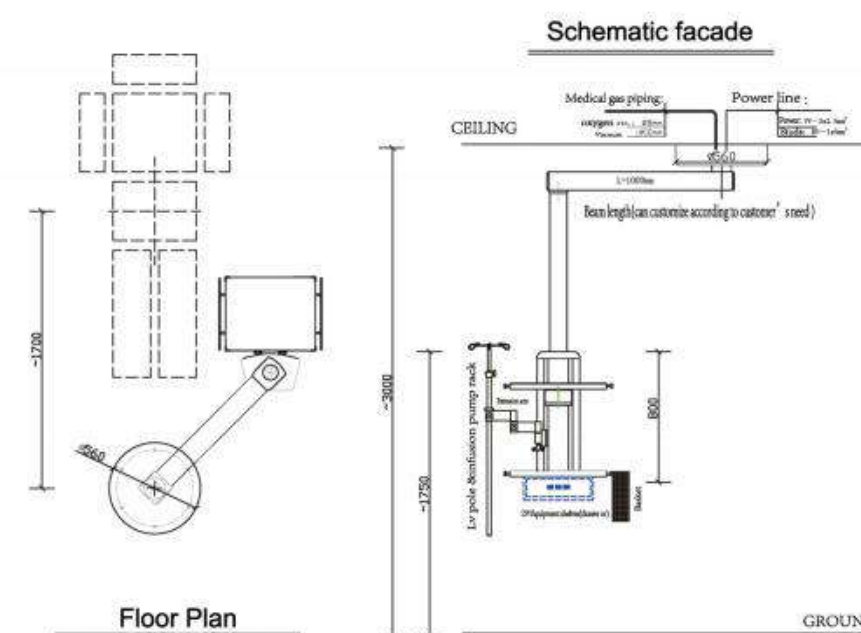
Technical specification and configuration
Arm rotating radius: 800mm+800mm
Arm rotating angle: 340°
Braking system: friction brake
Maximum load capacity: 120kg
Standard configuration
Medical gas terminal units (penlon BS standard or DIN standard)
2 * oxygen terminal units
2 * vacuum terminal units
1 * 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.



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



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

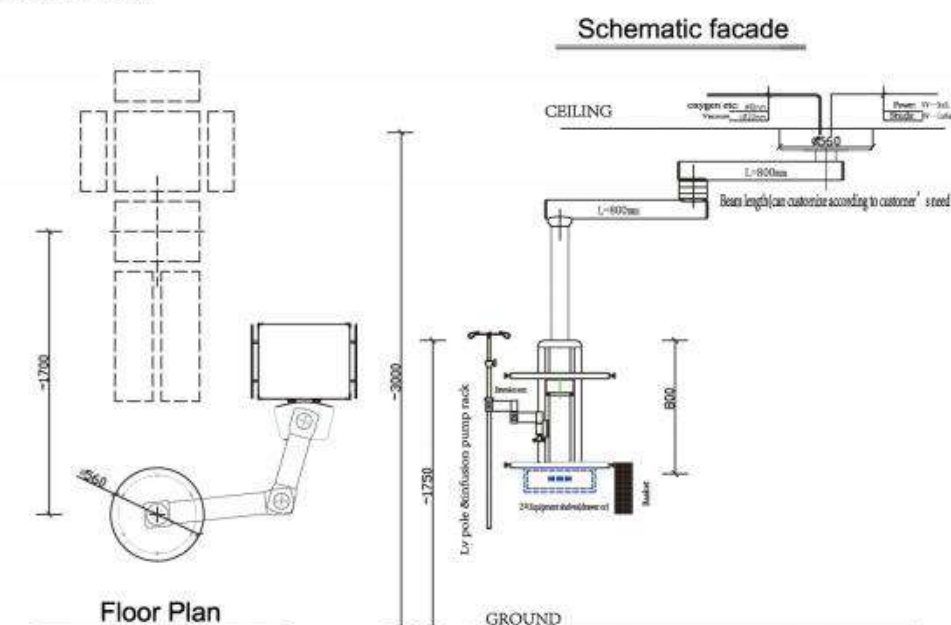
Technical specification and configuration
Arm rotating radius: 1000mm
Arm rotating angle: 340°
Braking system: friction brake
Maximum load capacity: 160kg
Standard configuration
Medical gas terminal units (penlonBS standard or DIN standard)
2 * oxygen terminal units
2 * vacuum terminal units
1 * medical 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

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



Installation Instructions:

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

1. Laying medical gas supplying line to the anchor point of the pendant, putting the gas piping into the pendant, angle branch radius: $R \geq 30\text{mm}$.

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 $< 1\text{m}$ after spreading to the ground.

For power line: 3x2.5mm², 1x6mm²

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

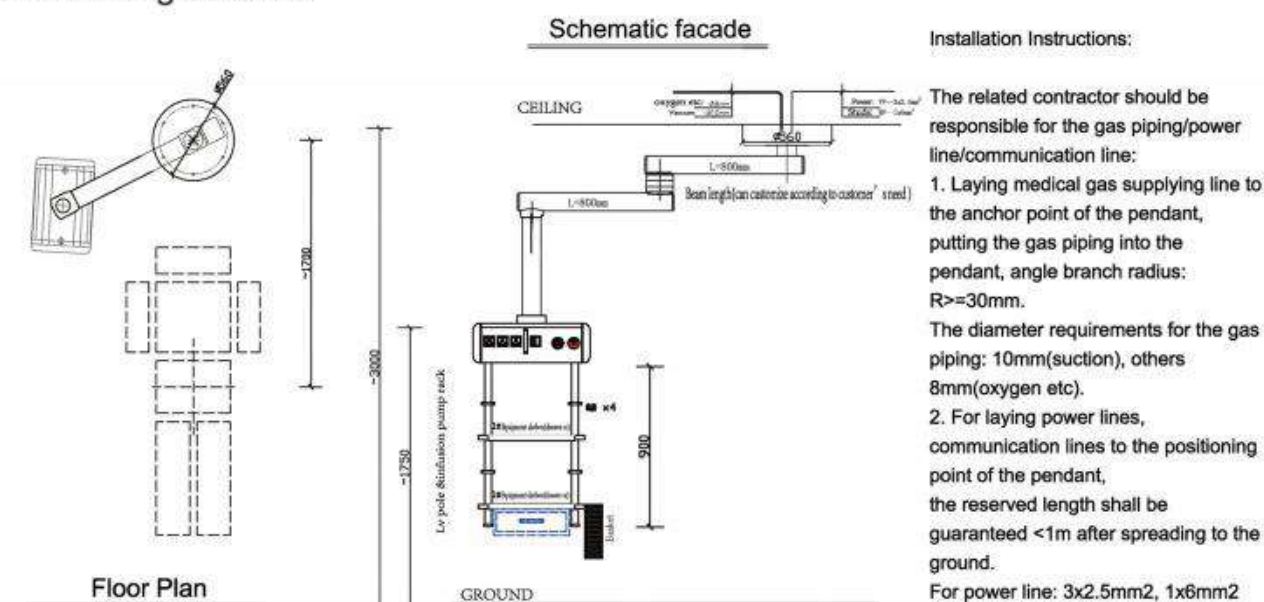
Technical specification and configuration
Arm rotating radius: 800mm+800mm
Arm rotating angle: 340°
Braking system: friction brake
Maximum load capacity: 120kg
Standard configuration
Medical gas terminal units (penlon BS standard or DIN standard)
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Electrical 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.



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 $\leq 340^\circ$ single arm lifting 500mm.



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

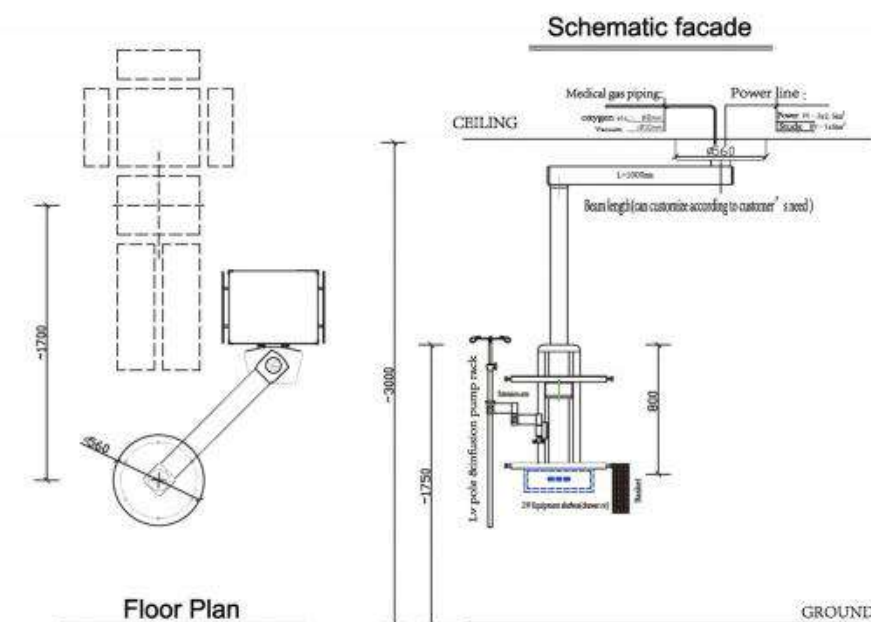
Technical specification and configuration
Arm rotating radius: 800mm+800mm
Arm rotating angle: 340°
Braking system: friction brake
Maximum load capacity: 120kg
Standard configuration
Medical gas terminal units (penlon BS standard or DIN standard)
2 * oxygen terminal units
2 * vacuum terminal units
1 * 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 $\leq 340^\circ$ electric lifting, single arm lifting 500mm.



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



Installation Instructions:

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

1. Laying medical gas supplying line to the anchor point of the pendant, putting the gas piping into the pendant, angle branch radius: $R \geq 30\text{mm}$. 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 $< 1\text{m}$ after spreading to the ground. For power line: $3 \times 2.5\text{mm}^2$, $1 \times 6\text{mm}^2$

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

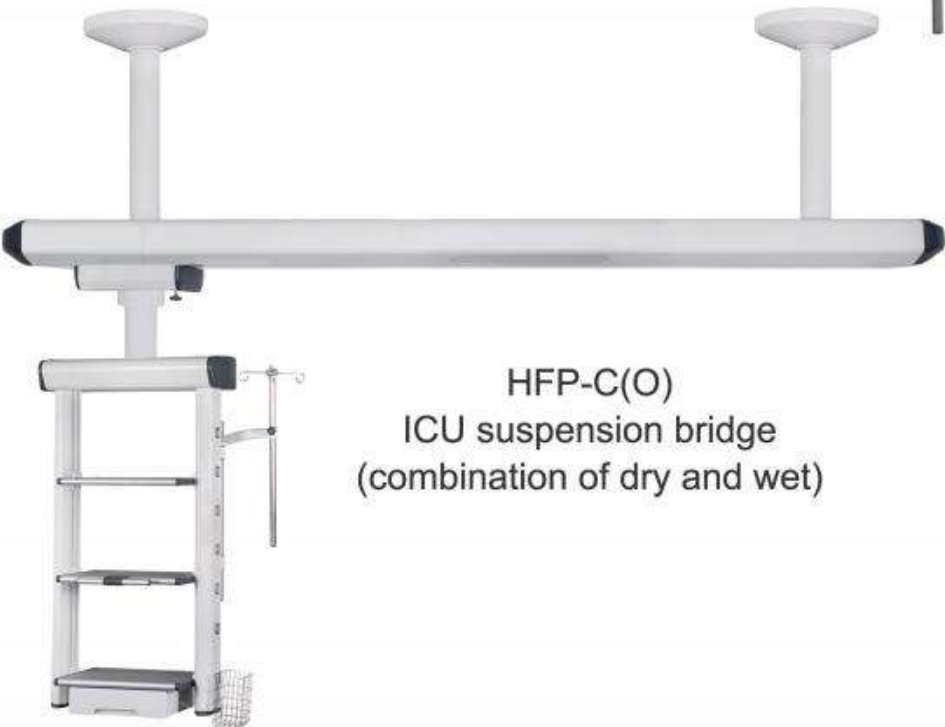
Technical specification and configuration
Arm rotating radius: 1000mm
Arm rotating angle: 340°
Braking system: friction brake
Maximum load capacity: 160kg
Standard configuration
Medical gas terminal units (penlonBS standard or DIN standard)
2 * oxygen terminal units
2 * vacuum terminal units
1 * medical 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.

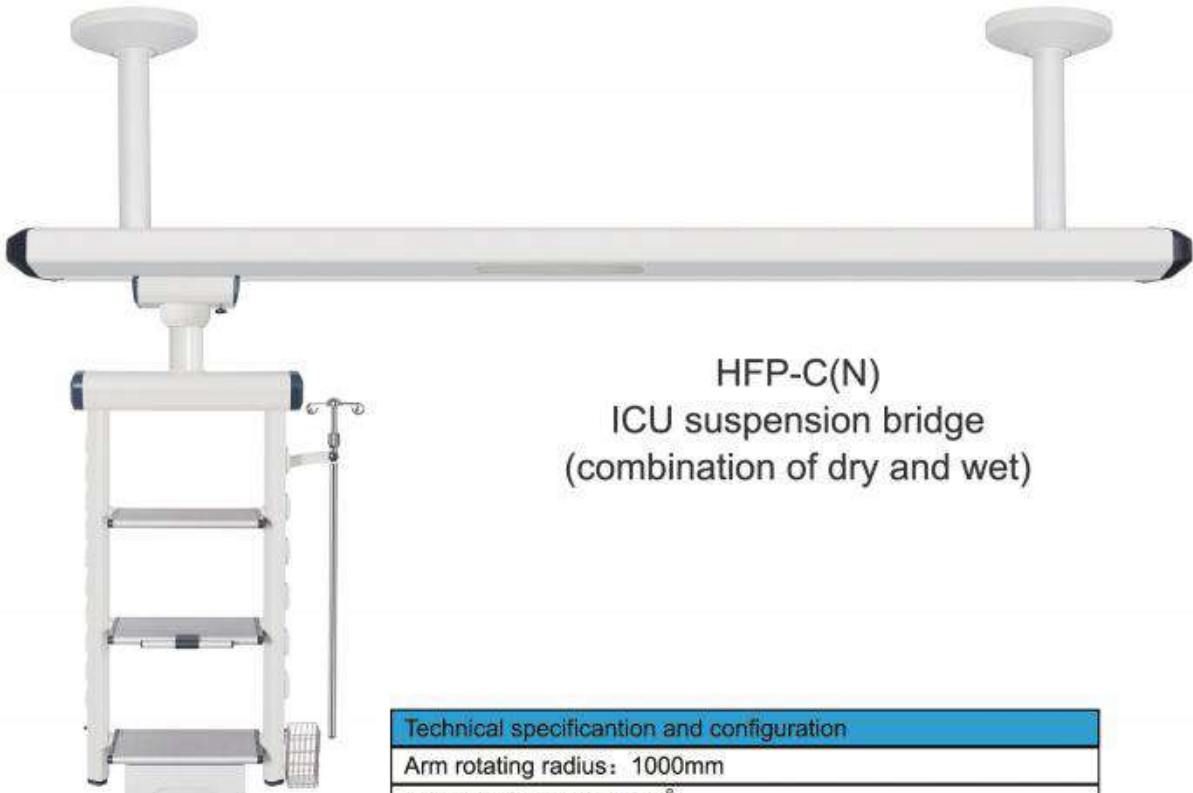


HFP-C
ICU suspension bridge
(combination of dry and wet)



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.

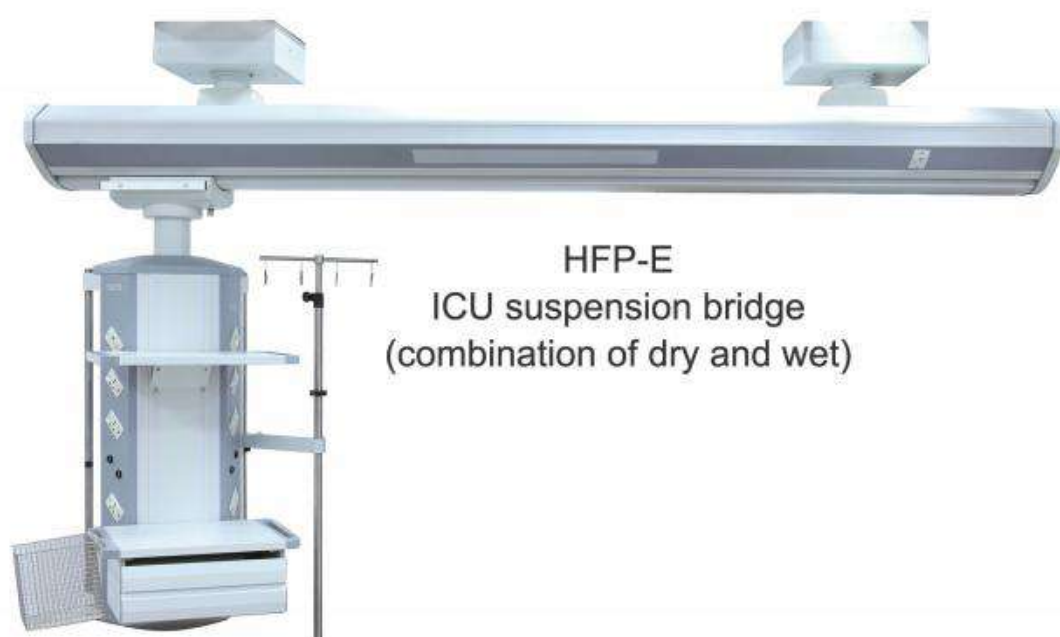


HFP-C(N)
ICU suspension bridge
(combination of dry and wet)

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

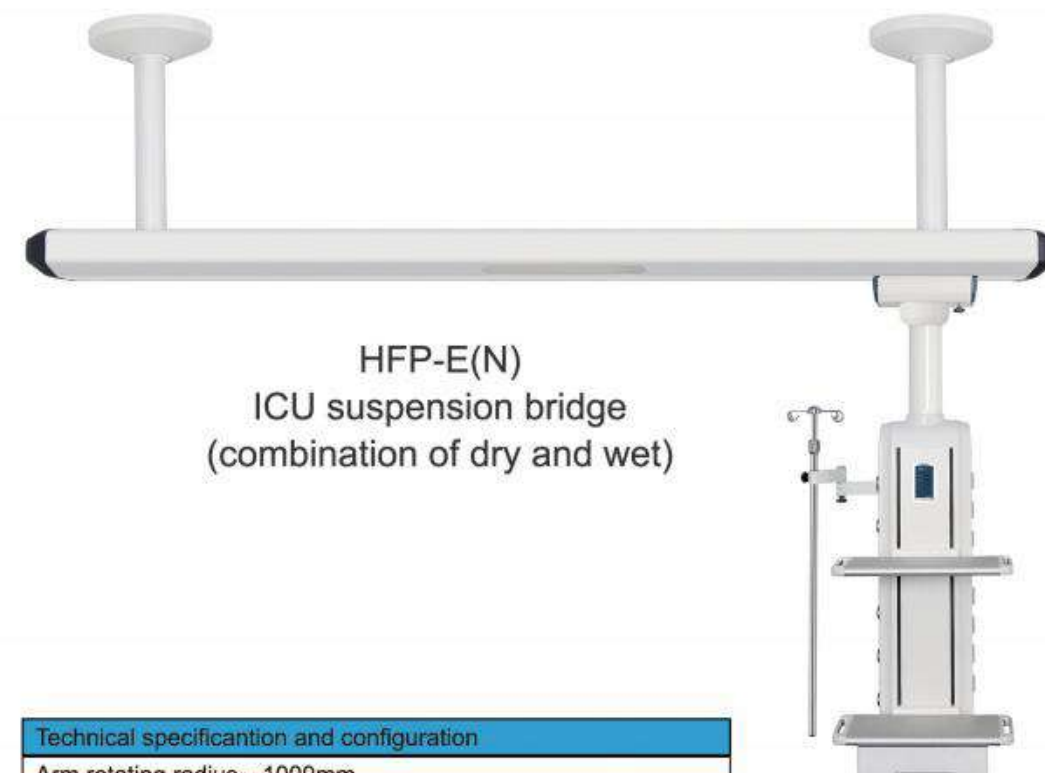


HFP-E
ICU suspension bridge
(combination of dry and wet)



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 specification and configuration
Arm rotating radius: 1000mm
Arm rotating angle: 340°
Braking system: friction brake
Maximum load capacity: 160kg
Standard configuration
Medical gas terminal units (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

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/HFP-C+S
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 $\leq 340^\circ$.

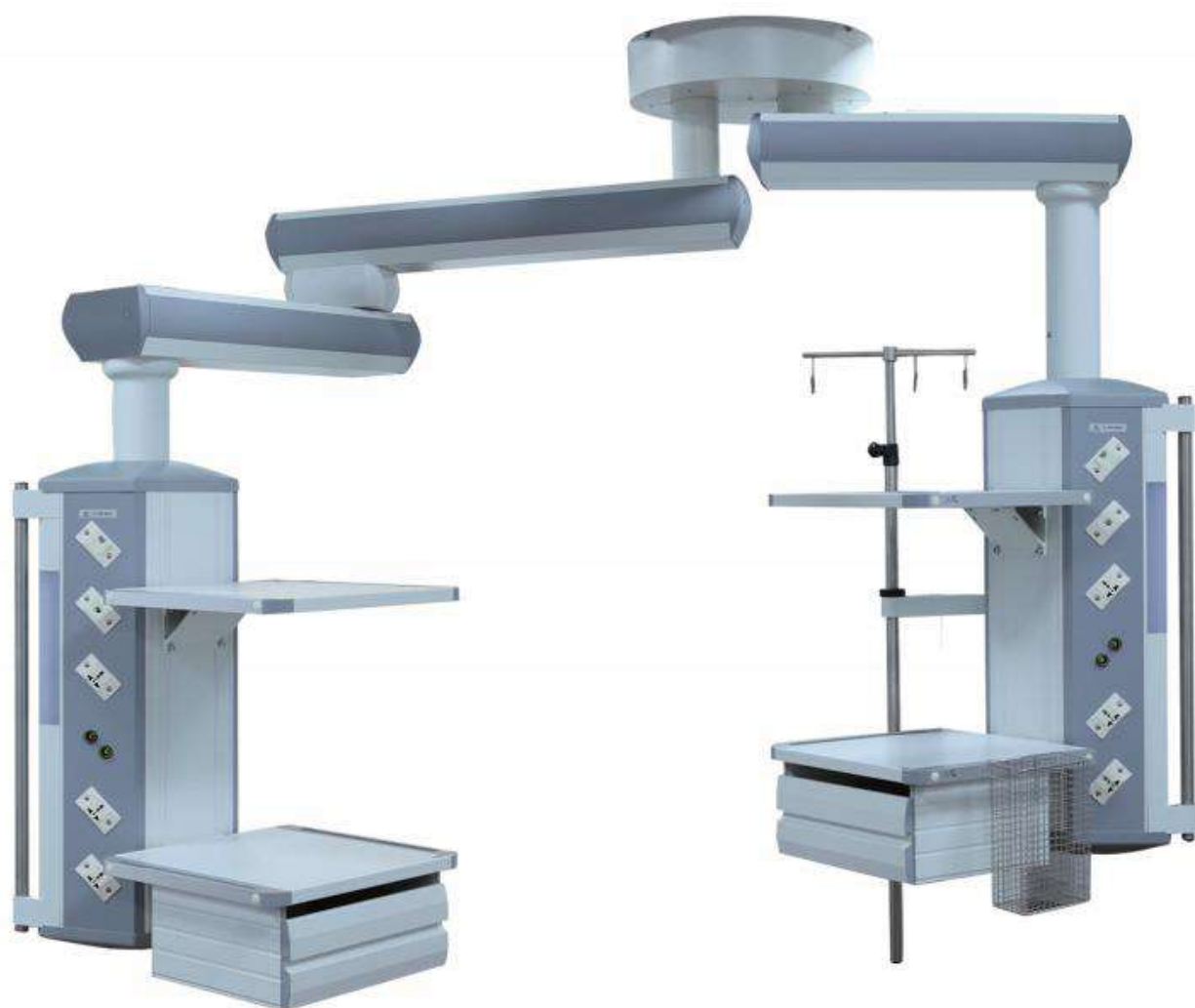


HFP-C+E/HFP-C+S
ICU suspension bridge
(Dry and wet separation)

■ Pendant

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

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



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



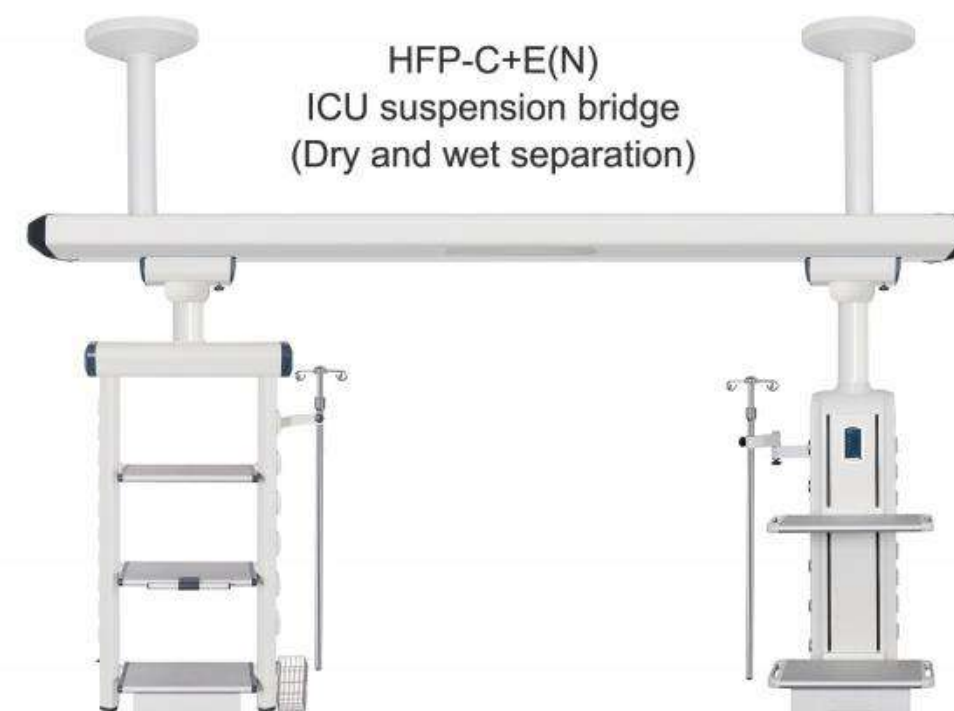
HFP-S+S(O)
ICU double pendant
(Dry and wet separation)

■ ■ ■ Pendant

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



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



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

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

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



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

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

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



HFP-DQSY-1
Infusion hanger

Rectangular style ceiling mounted bridge

Optional shape: square/U-shape



90 Degree rotator

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

Optional LED illuminating system

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

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

Pendant device and system

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

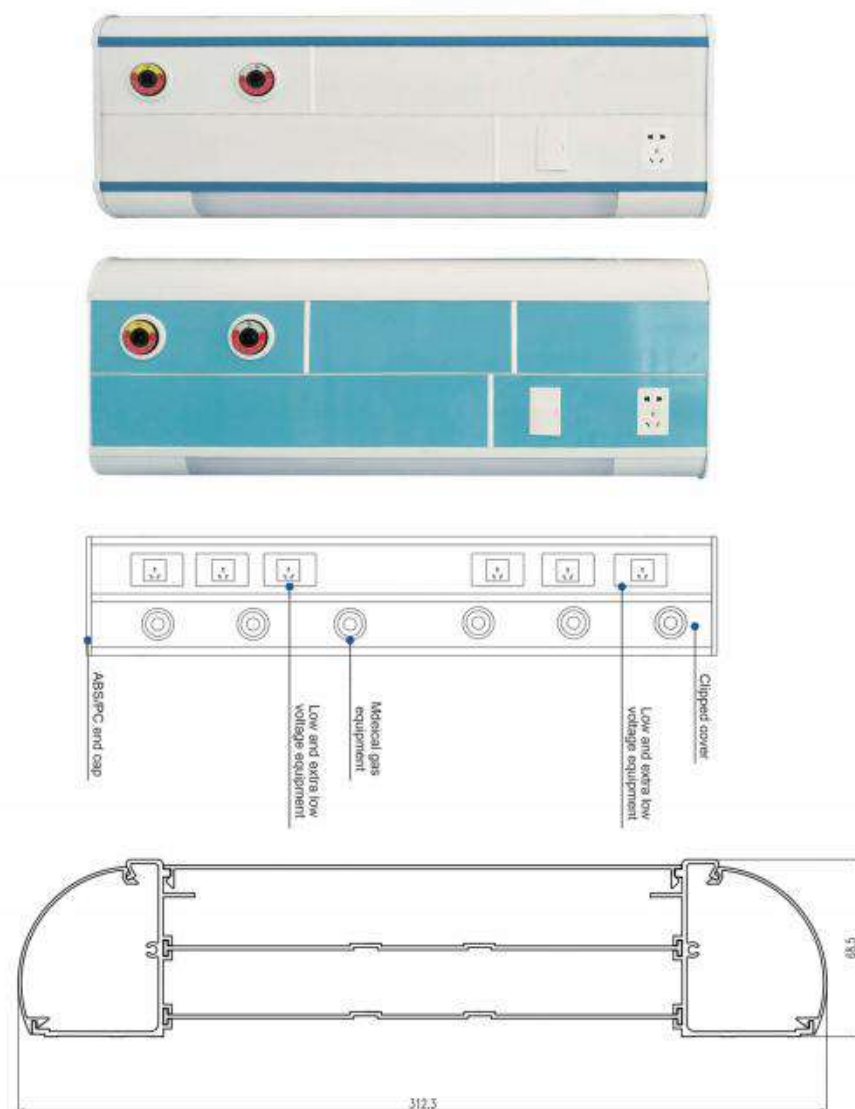
Ergonomic electricity and gas supplying system

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

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

Bed Head Unit

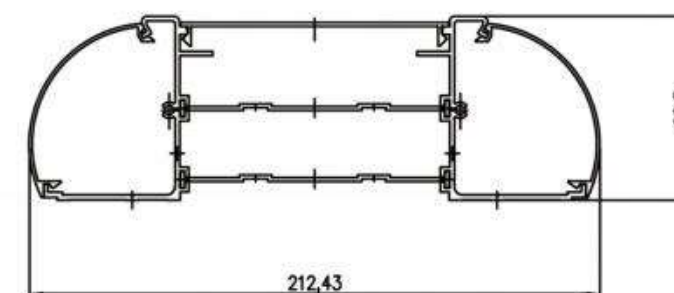
Bed Head Unit



Instruction:

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

Bed Head Unit With Nurse Call



Sixteen Styles Bed Head Unit

Instruction:

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

PRODUCT MODEL

HF-821 Two-function Electric Hospital Bed



Product Introduction

Dimensions: 2120 * 970 * 530mm

Material:

- ABS head plate, anti-corrosion, anti-oxidation, generous appearance.
- The bed is made of cold-rolled steel plate and molded once;
- Frame welded by steel pipe, stable and reliable; Surface treatment: electrostatic powder coating
- Aluminum alloy folding road, easy to operate

Features:

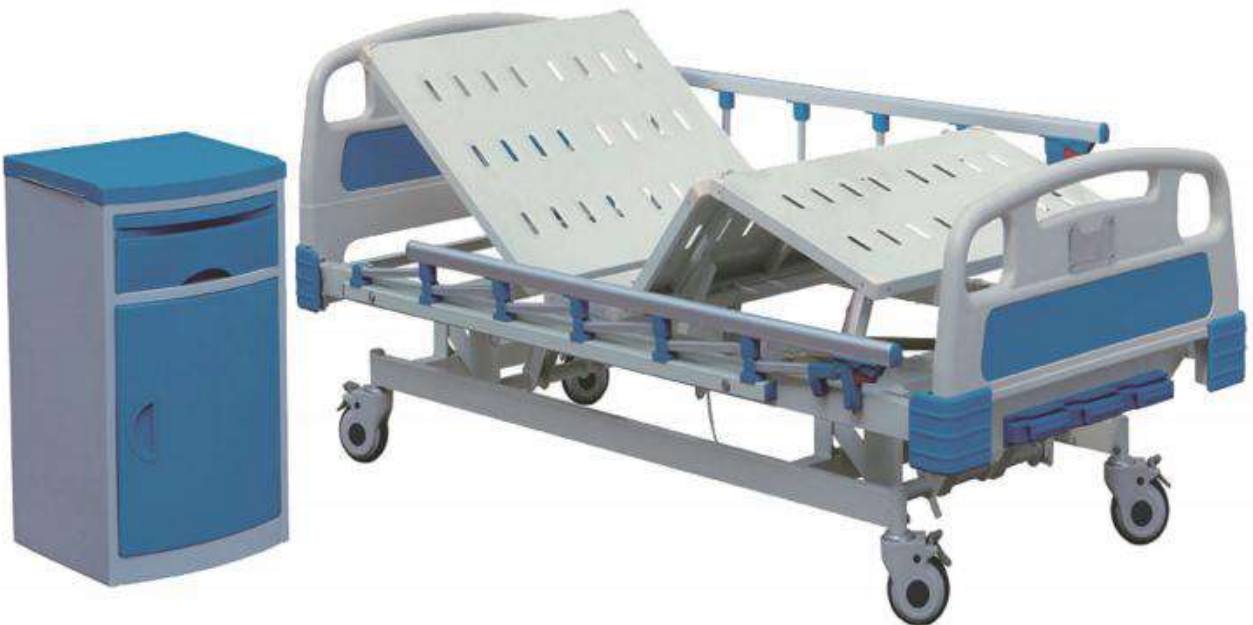
- Backrest lift angle is 0-80 ° (± 5 °) • Knee lift angle is 0-40 ° (± 5 °)

Standard accessories

Aluminum fence	Drop rack jack	Drainage hooks	Infusion rod	Danish Lexan motor system (motor / electric control box / control handle)
2	2	2	1	2/1/1

PRODUCT MODEL

HF-839 Three shake nursing bed



Product Introduction

Dimensions:

2120 * 970 * 450 / 700mm

Material:

- ABS headboard, anti-corrosion, anti-oxidant, generous. • The bed platform adopts cold-rolled steel plate, forming once;
- The frame is made of welded steel tube, stable and reliable; Surface treatment: electrostatic powder coating
- Aluminum folding sidrails, easy to operate • ABS handle overload protection system • 4 rounds with full off device

Features :

- Height adjustable from 450 to 700 mm • Backrest lift angle 0-80 ° (± 5 °)
- Knee care lift angle 0-40 ° (± 5 °)

Standard accessories

Aluminum fence	Drip rack jack	Drainage hooks	Infusion rod
2	2	2	1

PRODUCT MODEL

HF-830 Three-function luxury home electric nursing bed



Product Introduction

Dimensions : 2120 * 970 * 530mm

Material:

- Wood headboard, color matching room environment, generous appearance
- Bed platform using cold-rolled steel, a molding
- Frame is welded by steel pipe, stable and reliable
- The system adopts Taiwan's first transmission, safety voltage motor

Features:

- Height adjustable from 450mm to 700mm
- Seat lift angle 0-80°C (±5°C)
- Knee lift angle 0-40°C (±5°C)

Standard accessories

Diameter luxury casters	Drip rack jack	Drainage hooks	Infusion rod	Danish Lexan motor system (motor / electric control box / control handle)
125mm	2	2	1	2/1/1

PRODUCT MODEL

HF-835 Three functions luxury electric plus hand care bed



Product Introduction

Dimensions:

2120 * 970 * 450 / 700mm

Material:

- ABS headboard, anti-corrosion, anti-oxidant, generous
- The bed platform adopts cold-rolled steel plate, forming once
- The frame is made of welded steel pipe, stable and reliable; Surface treatment: electrostatic powder coating
- Stainless steel sidrails, easy to operate

Features:

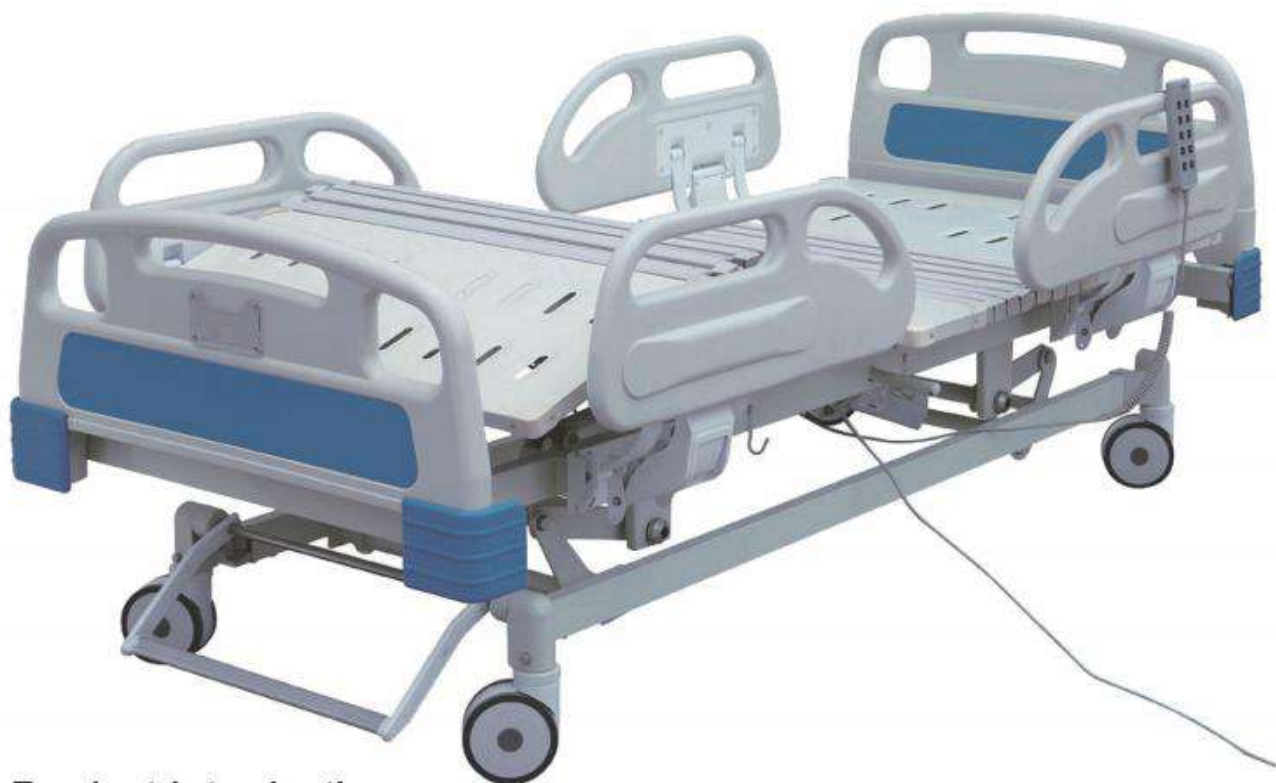
- Height adjustable from 450 to 700 mm
- Backrest lift 0-80 ° (± 5 °)
- Knee lift 0-40 ° (± 5 °)

Standard accessories

Stainless steel fence	Drip rack jack	Drainage hooks	Infusion rod	Danish Lexan motor system (motor / electric control box / control handle)
2	2	2	1	2/1/1

PRODUCT MODEL

HF-858 No functional luxury electric care bed



Product Introduction

Dimensions : 2120 * 970 * 500 / 700mm

Material:

- ABS headboard, anti-corrosion, anti-oxidant, generous. • The bed platform adopts cold-rolled steel plate, forming once;
- The frame is made of welded steel tube, stable and reliable; Surface treatment: electrostatic powder coating
- The PP has built-in control panels (inside and outside), generous appearance, stability, and easy operation.

Features:

- Height adjustable from 500 to 700 mm • Seat lift angle 0-80° (±5°) • Knee lift angle 0-40° (±5°)
- Body position and rev.trendelenburg 12° (± 5 ° C)

Standard accessories

PP fence	Drip rack jack	Drainage hooks	Infusion rod	Danish Lexan motor system (motor / electric control box / control handle)
1	2	2	1	4/1/1

PRODUCT MODEL

HF-838A Three shake nursing bed



Product introduction

Dimensions :

2120 * 970 * 450 / 700mm

Material :

- ABS headboard, anti-corrosion, anti-oxidant, generous. • The bed platform adopts cold-rolled steel plate, forming once;
- Frame is welded by steel pipe, stable and reliable; Surface treatment: electrostatic powder coating
- ABS handle adopts overload protection system

Features:

- Height adjustable from 450 to 700 mm • Backrest lift 0-80° (± 5 °) • Knee lift 0-40° (± 5 °)

Standard accessories

PPfence	Drip rack jack	Drainage hooks	Infusion rod
1	2	2	1

PRODUCT MODEL

HF-832 Three-function luxury home electric nursing bed



Product introduction

Dimensions : 2000 * 1000 * 450 / 700mm

Dimensions:

- Wood headboard, color matching room environment, generous appearance • Bed platform using cold-rolled steel, a molding
- Frame is welded by steel pipe, stable and reliable • The system adopts Taiwan's first transmission, safety voltage motor

Features :

- Height adjustable from 450mm to 700mm • Backrest lift 0-80 ° C (± 5 ° C) • Knee lift 0-40 ° C (± 5 ° C)

Standard accessories

Full brake casters	Drip rack jack	Drainage hooks	Infusion rod	Danish Lexan motor system (motor / electric control box / control handle)
125mm	2	2	1	3/1/1

PRODUCT MODEL

HF-836C Three-function luxury home electric nursing bed



Product introduction

Dimensions:

2120 * 970 * 450 / 700mm

material:

- ABS headboard, anti-corrosion, anti-oxidant, generous. • The bed platform adopts cold-rolled steel plate, forming once;
- Frame is welded by steel pipe, stable and reliable; Surface treatment: electrostatic powder coating
- ABS handle adopts overload protection system

Features:

- Height adjustable from 450 to 700 mm • Backrest lift 0-80 ° (± 5 °) • Knee lift 0-40 ° (± 5 °)

Standard accessories

Full brake casters	Drip rack jack	Drainage hooks	Infusion rod	Danish Lexan motor system (motor / electric control box / control handle)
125mm	2	2	1	3/1/1

PRODUCT MODET

HF-818A Single rock nursing bed



Product introduction

Dimensions: 2120×970×530mm

Material :

- ABS headboard, anti-corrosion, anti-oxidant, generous. • The bed platform adopts cold-rolled steel plate, forming once;
- The frame is made of welded steel pipe, stable and reliable; Surface treatment: electrostatic powder coating
- Aluminum alloy folding sidrails, easy to operate
- ABS handle overload protection system • 4 rounds with full off device

Features:

- Backrest lift angle 0-80° (±5°)

Standard accessories

Aluminum fence	Drip rack jack	Drainage hooks	Infusion rod	Manual remote sensing spring tension system
2	2	2	1	1

PRODUCT MODET

HF-828 Two shake nursing bed



Product introduction

Dimensions:

2120×970×530mm

Material :

- ABS headboard, anti-corrosion, anti-oxidation, generous. • The bed platform adopts cold-rolled steel plate, forming once;
- Frame is welded by steel pipe, stable and reliable; Surface treatment: electrostatic powder coating
- ABS handle adopts overload protection system
- 4 rounds with full off device

Features:

- Backrest lift angle 0-80° (±5°)
- Knee care lift angle 0-40 ° (± 5 °)

Standard accessories

Aluminum fence	Drip rack jack	Drainage hooks	Infusion rod	Manual remote sensing spring tension system
2	2	2	1	1

OTHER Series

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

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



YD-A

YD Series Oxygen Breathing Bag

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

Technical Data

Type	Capacity	Max. operating pressure	Burst pressure	package	Qty per packing
YD-50	YD-50 50L	8.6Kpa	≥24Kpa	49×26×27CM	20PCS
YD-42	YD-42 42L				
YD-35	YD-35 35L				



YD-B

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

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

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.

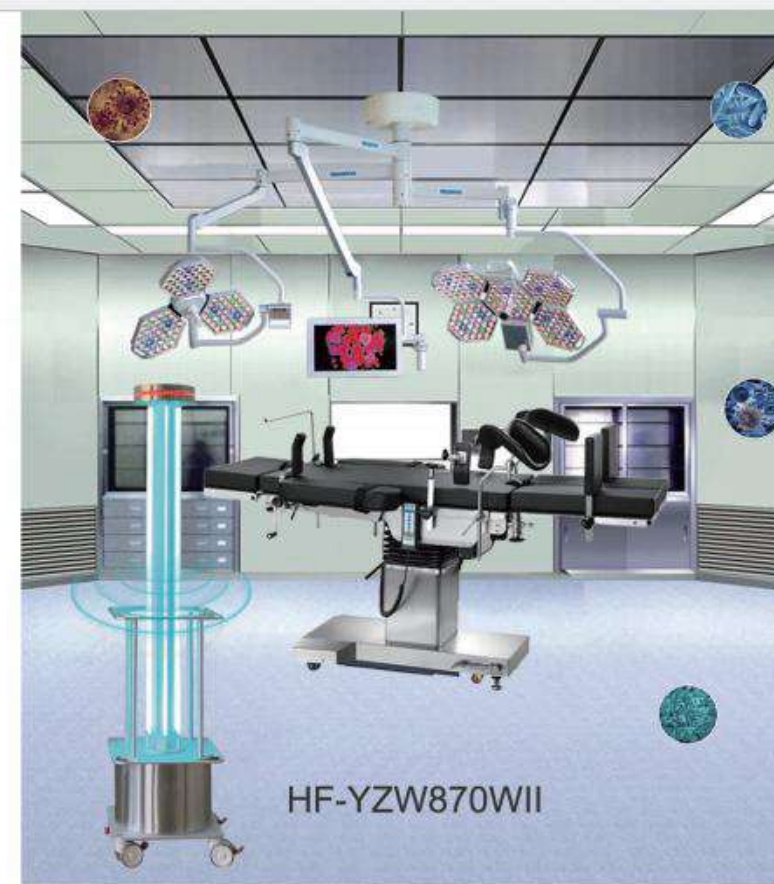
6. Minimum oxygen flow for a single oxygen outlet can be 0.125L/Min.

Other Products



PRODUCT MODEL HF-YZW60SWI HF-YZW60SWII
UV STERILIZATION TRUCK

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



PRODUCT MODEL
UV DISINFECTION ROBOT

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

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



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

Table Top Steam Sterilizer Series

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



PRODUCT MODEL

Portable Pressure Steam Sterilizer



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

Distilled Water Machine

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



PRODUCT MODEL

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



LEEP



HF-350A



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: 5°C~40 °C;
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 °C ~ 55 °C; Relative Humidity: ≤95%; Atmospheric Pressure: 500hpa ~ 1060hpa;

Other Products

PRODUCT MODEL

Fingertip Pulse Oximeter

HF-80

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



Features:

- *Dual color OLED display.
- *Dual color OLED display with four directions.
- *Compact and power-saving.
- *Battery capability indication.
- *High accuracy and durability.
- *SpO2, PR, SpO2 bar graph and pulse waveform display.
- *Power supply: two standard AAA batteries.
- *Operation menu for function setting.
- *Automatic switch-off function for power-saving.
- *Dimension: 58mm*36mm*32mm



HF-81



Features:

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

Specification:

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

PRODUCT MODEL

Volumetric Infusion Pump

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

HF-IPA112 Infusion Pump



HF-SPA112

Single Channel Injection Pump



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

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

HF-SPA122

Double Channel Injection Pump



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

The device is very suitable for respiratory treatment, applicable for medical, surgical and gynecological departments, the department of pediatrics, first aid, and ICU departments of hospitals at different levels.



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%

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%



Tidal volume:50~1500ml
Rate:2~99bpm
SIMV rate:2~20bpm
I:E:2:1~1:8
Inspiratory trigger pressure:-1.0~2.0 kPa
PEEP:0~2.0 kPa
Pressure range:1.0~6.0 kPa
SIGH:1.5 times the inspiratory time

Tidal volume:50~1500ml
Rate:2~99bpm
SIMV rate:2~20bpm
I::2:1~1:8
Inspiratory trigger pressure:-1.0~2.0 kPa
PEEP:0~2.0 kPa
Pressure range:1.0~6.0 kPa
SIGH:1.5 times the inspiratory time

PRODUCT MODEL

Anesthesia machine

Anesthesia Machine, with its ergonomic design, integrates a concise and smooth structure and high mobility. The microcomputer-controlled Ventilator adopts exported sensors and other components. Its scientific and proper design as well as rigorous production process are what demonstrate the inner quality of Aokai products:

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-560B1 Simple Grade



HF-560B1 High-grade



HF-560B2



HF-560B3 Blue screen



HF-560B4



HF-560B5



HF-560B3 Color Screen

PRODUCT MODEL

Defibrillator Monitor



HF-200E



HF-200C



HF-200D



HF-AED100

ECG

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

*S-Tsegment analysis:-2.0~2.0mv

*Arrhythmia analysis: yes

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

Respiration

*Measurement method:Thoracic impedance

Standard parameter & configuration

*ECG/RESP/DEFIBRILLATOR

Optional parameter

*Recorder

Main Features

*Three-step defibrillation process

*Two-button operation

*Extensive voice and visual prompts for the operator

*Biphasic energy output

*Lock-out protection to prevent inadvertent defibrillation

DEFIBRILLATOR.

(1)Defibrillator typeManual, Synchronized,Asynchronized,

(2) Out put waveformBiphasic technology

(3)Energy accuracy2+1%

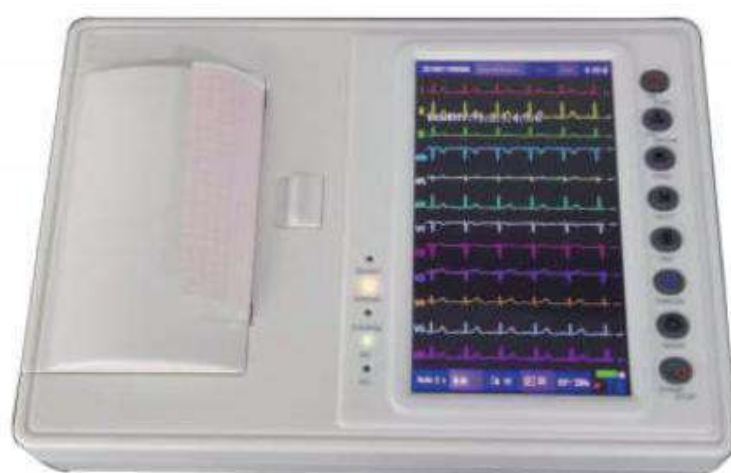
(4)Energy selection0, 3, 5, 7, 10, 20,30, 50,100,200,300,360 joule(nominal at a resistance of 50)

(5) Charging timeMaximum 8 seconds to 360Joules

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

PRODUCT MODEL

Channel digital electrocardiograph



HF-1206A

Six channel digital electrocardiograph



HF-1203C

Three channel digital electrocardiograph

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

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

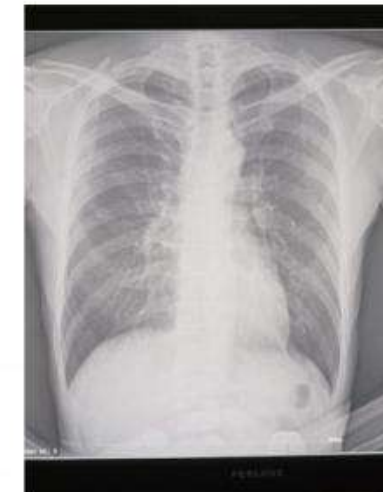
PRODUCT MODEL

Digital mobile X-ray machine



HF-X5100

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



HF-X5200

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-F3
All Digital Color Doppler Ultrasound
Diagnostic Instrument



HF-500
Black And White B
Ultrasonic Machine



HF-580
Notebook Full Digital Ultrasonic
Diagnostic Instrument



HF-350
All Digital Ultrasonic
Diagnostic Instrument



HF-370
B-mode Ultrasound

Other Series

QZ Pneumatic Tourniquet

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



Technical Data

Type	Air pressure limit	Package	Gross weight	Qty./Package
QZ-I	0-0.12MPa(positive)	49×30×22CM	8Kg	5PCS

Electric Pneumatic Hemostat



DZ, DZ-S Electric Pneumatic Hemostat

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

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

Power supply: AC 110-220V; frequency 50Hz/60Hz;

Power: ≤65VA;

Pressure adjustment range: within the pressure range of 0~90KPa

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°C~40°C;

Relative moisture: ≤80%;

Atmospheric pressure: 860hPa~1060hPa;

Power source :110-220V;

Frequency: 50/60 HZ;

DZ



DZ-S



Electric pneumatic hemostat
(Custom made)

PRODUCT MODEL

Nursing constant temperature bed

HF-4000A/4000B/4000C

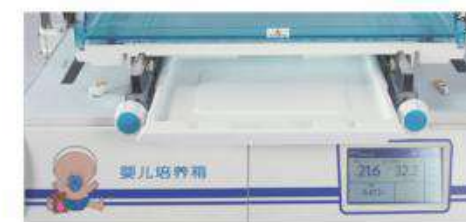


Product feature

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

Product feature

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



Free-step mattress tilting adjust



Removable for cleaning



Phototherapy unit(option)



Phototherapy unit(option)