

General ELISA ventilator



Elisa ventilator is a modern pneumatic electronic ventilator with modern ventilation technology, precise measurement technology and gas path integration technology. Suitable for intensive care patients. It has both capacity control and pressure control. It can be applied to both adults and children, and can also be applied to neonates. It can not only provide invasive ventilation, but also provide non-invasive ventilation.

Good man-machine interaction and flexible configuration

Main unit



Front panel



Exp. valve assembly

Standard



Newborn

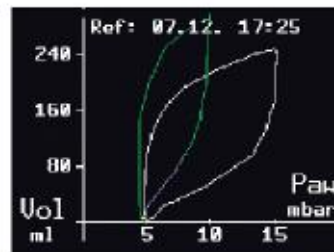
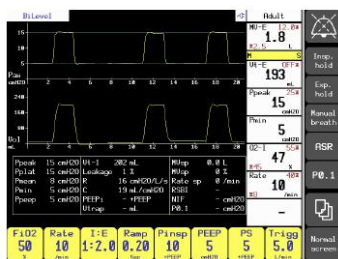


- Elisa ventilator touch screen color high brightness can not only provide according to the habits of the users adjust the upper and lower rotation angle, more can be separated from the ventilator, installed on the table or on the wall (to be wired), convenient for

users in different angles and light environment complete operation. The whole English menu operation interface and professional scientific curves, graphics, monitoring parameters and functional parameter settings can fully meet the needs of clinical work.

- The unique metal breathing valve can not only be used for high temperature sterilization, but also can be replaced by different kinds of expiratory valves to achieve the transformation from adult to child to different types of newborns.

Full breathing monitoring, reliable ventilator



- ELISA ventilator provides a powerful breathing monitoring function to make the medical staff fully understand the working condition of the ventilator and the respiratory condition of the patients. We can observe the patient's pressure parameters, pulmonary function parameters and offline indicators at any time to make the best treatment plan for patients.
- Time pressure curve, flow time curve, capacity time curve, end CO2 curve (selection), pressure capacity loop, flow capacity loop and other waveforms provide scientific basis for medical staff to keep in touch with their lung working status.

Excellent ventilation mode, using Elisa as a healthy lung

- Salvia company, through a lot of clinical practice, knows exactly what our patients need and want to breathe in clinical treatment.
- Elisa with VCV/a-VCV, SIMV-VC (SIMV), BiLevel (BiPAP), BiLevel / PSV, Dyn- BiLevel , CPAP/PSV, and other breathing modes and through effective combination can achieve almost all of the current high-grade ventilator breathing mode.
- Through the highly sensitive measurement and control technology, ELISA ventilator has solved the problem of leakage compensation and trigger signal detection in non-invasive mode under the way of

mouth and nose mask. It is the ELISA ventilator in the pressure control mode (Bilevel, CPAP/PSV) to complete the treatment of the patient's noninvasive pain device (NIV).

Reliable security guarantees make patients more comfortable with treatment



- The safe and effective use of Elisa ventilator is the cornerstone of Salvia's products. In any case, the safety of the patient is always the first. The ubiquitous safety measures are reflected in many aspects, such as comprehensive automatic detection program, shutdown request, exhalation valve disassembly, on-line automatic sensor calibration, standby battery usage and so on.

Intelligent design makes the work of the medical staff more simple



ELISA ventilator can be adjusted by inspiratory and expiratory catheter compensation, monitoring resistance pressure (PO.1), rapid shallow breathing index (RSBI) and inspiratory negative pressure (NIF). It provides strong support for medical staff to help patients get offline.

ELISA ventilator is a series of auxiliary functions such as manual inhalation maintenance, manual breath keeping, manual breathing, spray inhalation, automatic sputum suction, automatic patient monitoring, and automatic O2 sensor calibration and so on. It can be expressed in every breath of patients.

The Elisa ventilator is an easy way to make the patient feel comfortable; let the medical staff make it easy; the high-end ventilator that can fully improve the modernization of the medical institution.



Areas that cannot be purchased:

Belgium, Bulgaria, Croatia, Denmark, Germany, Estonia, Finland, France, Greece, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Austria, Poland, Portugal, Romania, Sweden, Slovakia, Slovenia, Spain, Syria, the Czech republic, Hungary, the United Kingdom, Cyprus, Tunisia, Turkey, Russia, Iran, Iraq, north Korea

Main parameters

Applications : Adult, child,neonate(opetional)
 Language: Chinese, English, German, French, etc
 Ventilation mode: VCV, PCV, SIMV-VC+PS, SIMV-PCV+PS, SPONT/CPAP+PSV
 Backup mode: VCV, PCV , BiLevel, APRV (standard), Dy-BiLevel(PRVC+VS, standard),,NIV(standard).

Respiratory rate	1bpm~120bpm
Tidal volume	20ml~2000ml
Trigger sensitivity	0.1-20L/min
Oxygen concentration	21-100%
Display mode	LED screen display

Monitoring parameters

Vti, Vte, MV, FiO2, Ppeak, Pplat, Pmean, PEEP, Fspont, MV spont, f, fspn, FiO2, Pmin, Compliance, Resistance, etc.

Alarm parameters

Upper airway pressure limit Lower airway pressure limit,
 Low battery alarm,
 Power supply failure,
 Silence for alarm, Mains failure, Battery low, Battery discharged , Air/O2 supply down, Circuit occlusion, etc

ACM960
Portable Ultrasound System



微信公众平台



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A.S. CHANGFENG MEDICAL

ACM960
Portable
Ultrasound
System

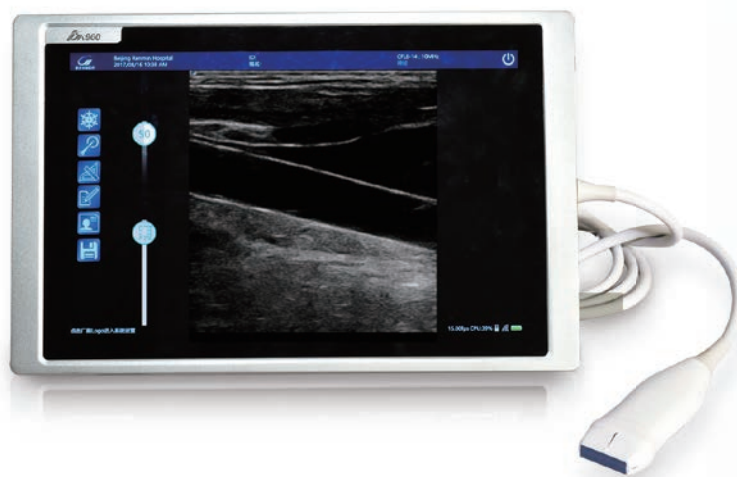


Aerospace quality military technology

Integrated Digital Operating Room Solution Provider



Portable Ultrasound System

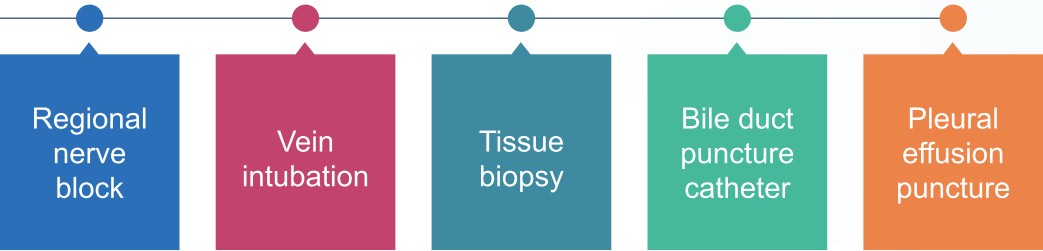


ACM960 portable ultrasound system adopts advanced beam synthesis, image processing technology and touch screen workflow design.

Superior image quality, easy to operate, which can greatly improve the examination and treatment success rate of tissue biopsy, peripheral vascular catheter and nerve block.

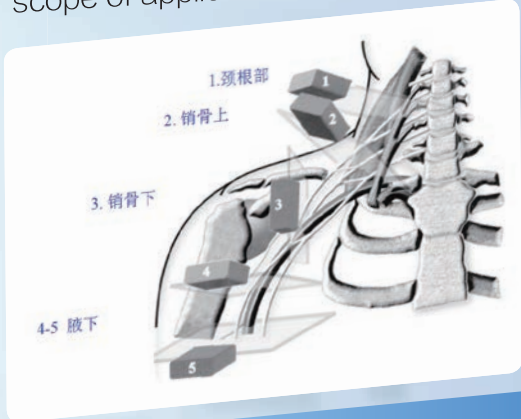
Probe Name	Center Frequency	Application	Type
CFL5-10	7.5MHz	Blood vessels, superficial tissues, small organs, skeletal muscle, nerve	Linear array
CFL6-14	10MHz	Blood vessels, small organs, skeletal muscle, nerve	Linear array
CFC2-5	3.5MHz	Abdomen, gynecology, obstetrics, nerve	Curved array

Application Fields



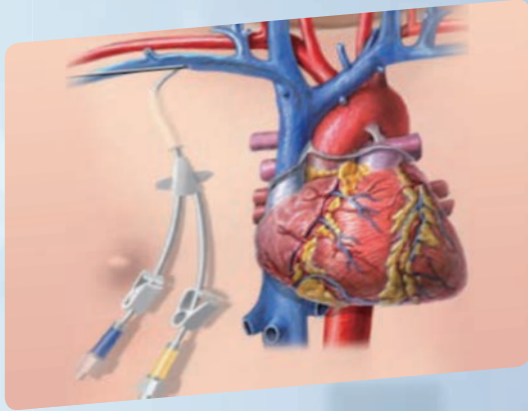
Regional Nerve Block Guided by Ultrasound

- ◆ Improve success rate of nerve block operation and quality of anaesthesia
- ◆ Reduce the incidence rate of complications and severity
- ◆ Improve the drug effect and shorten the time
- ◆ Reduce the dose of local anesthesia
- ◆ Improve patient comfort degree and scope of application

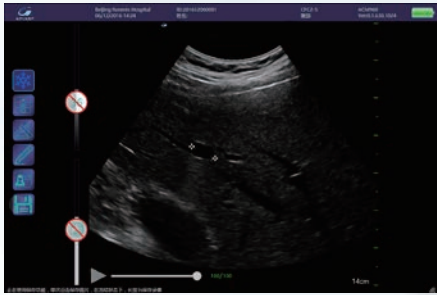


CVC/PICC Guided by Ultrasound

- ◆ Improve the success rate of first puncture and total success rate
- ◆ Reduce the incidence rate of complications
- ◆ Improve patient comfort degree
- ◆ Shorten the operation time



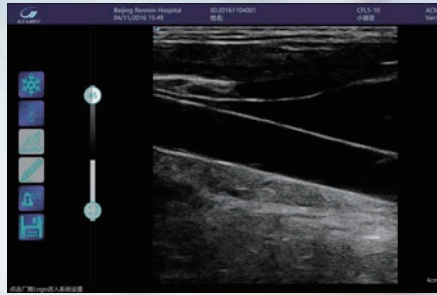
Clinical Images



ACM960 Liver cyst display



ACM960 Gastric internal display



Carotid Artery

ACM639 Anesthesia Workstation



with ICU quality multifunction

anesthesia machine

- ◆ 12'' high-luminance large screen displaying
- ◆ intelligent safe self-test and alarm function
- ◆ real-time monitoring pressure, flow, volume waveform and breathing loops
- ◆ humanized design and clear functional zone make it easy to operate
- ◆ electrical flowmeter can realize gas

automatic monitoring and switch function.

fully functional host machine system

- ◆ integrated respiratory circuit, safe and reliable.
- ◆ built-in active AGSS absorption system
- ◆ powerful battery back-up power supply system
- ◆ large double drawer design to meet clinical requirement fully.
- ◆ extensible modular design, upgrade easily.

main parameters:

Application	Adult, Child, neonate	Control mode	Gas driven, electrical control
Ventilation pattern	VC、PC、PRVC(optional)	Ventilation mode	IPPV、SIPPV、SIMV、PSV、SIGH
Screen size	12'' color touchable screen display	Waste gas discharge	Built-in active AGSS
respiratory circuit	Integrated whole breathing circuit	flowmeter	electronic
Gas source system	Automatic monitor and switch	Power system	AC 110/220V, battery is optional
Waveform	Pressure, flow, volume, O2 waveform;		

display	Pressure-Volume loop, Flow-Volume loop; Optional: N2O,C2O and anesthesia gas waveforms
Monitoring parameters	Tidal Volume, Minute Volume, respiratory frequency, O2 concentration, PEEP, Ppeak, Average pressure, airway pressure, I/E ratio, compliance, Optional::ETCO2 concentration, N2O concentration, anesthesia gas
Alarm parameters	Airway Pressure, Tidal Volume, Minute Volume, O2 concentration, respiratory frequency, Apnea, flow sensor failure, sustained pressure, complete gas circuit Optional: ETCO2 concentration, anesthesia gas concentration

ACM659 Anesthesia Workstaion



with ICU quality multifunction

anesthesia machine

- ◆15'' high-luminance large screen displaying
- ◆intelligentized safe self-test and alarm function
- ◆real-time monitoring pressure, flow, volume waveform and breathing loops
- ◆humanized design and clear functional zone make it easy to operate
- ◆electrical flowmeter can realize gas automatic

monitoring and switch function.

Innovation respiratory system design

- ◆the whole respiratory system built-in the machine body, easy to dissemble.
- ◆efficient integrated gas distribution system
- ◆low respiratory circuit compliance to meet the low-flow requirements

Main parameters :

Application	Adult, Child, neonate	Control mode	Gas driven, electrical control
Ventilation pattern	VC、PC、PRVC	Ventilation mode	IPPV、SIPPV、SIMV、PSV、S IGH
Screen size	15'' color touchable screen display	Waste gas discharge	Built-in active AGSS
respiratory circuit	Integrated whole breathing circuit	flowmeter	electronic
Gas source system	Automatic monitor and switch	Power system	AC 110/220V, with battery
Waveform display	Pressure-Time waveform, Flow-Time waveform, Volume-Time waveform, O ₂ -Time waveform, N ₂ O-Time waveform, CO ₂ –Time waveform; Pressure-Volume loop, Flow-Volume loop.		
Monitoring	Tidal Volume, Minute Volume, respiratory frequency, O ₂		

parameters	concentration, PEEP, Ppeak, Average pressure, platform pressure, airway resistance, I/E ratio, Compliance, ETCO2 concentration, N2O concentration, anesthesia gas
Alarm parameters	Alarm display clear away, Silence for alarm, Airway Pressure, Tidal Volume, Minute Volume, O2 concentration, respiratory frequency, Apnea, flow sensor failure, sustained pressure, complete gas circuit, ETCO2 concentration, anesthesia gas concentration

ACM602 Anesthesia machine



- ◆ Stable quality, easy-to-operate, applicable to basic hospitals
- ◆ Closed, half-closed, half-open anesthesia modes, meet versatile clinical solutions
- ◆ Economical anesthesia vaporizer, has the function of flow and temperature compensation
- ◆ High precision flowmeters and low impedance breath loop, which can meet low-flow requirements
- ◆ High-luminance LED displays multi-parameters of ventilation in real time
- ◆ Compact design, light weight, suitable for special environment (for example, first aid)

ANESTHESIA VENTILATOR

Main characters

Application	Adult & Child
Driven mode	pneumatically driven and electrically controlled
Ventilation modes	IPPV, manual
Respiratory rate	6bpm ~ 40bpm
Tidal volume	0 , 50ml ~ 1200ml
I/E ratio	1:1, 2:3, 1:2, 1:3
Display	high-luminance LED display
Ventilator compliance	≤4mL/100Pa
Safety pressure in the airway system of ventilator	≤6kPa

Monitoring parameters

Tidal volume, Respiratory rate

Alarms

Upper airway pressure limit, Lower airway pressure limit, Power failure, Silence time for alarm, Alarm for oxygen supply failure

ANESTHESIAMACHINE

Followmeter

O ₂	0.05 ~ 10L/min
N ₂ O	0.05 ~ 10L/min
ORC device	The proportion between O ₂ and N ₂ O can be continuously adjustable to assure the O ₂ concentration above 21%

Safety performance

Alarm for oxygen failure, Overflow valve, Safety valve, N₂O cut-off with oxygen failure

ACM603 Anesthesia machine



- ◆ Developed technique, reliable performance, suitable for different clinics and hospitals
- ◆ Closed, half-closed, half-open anesthesia modes, meet versatile clinical solutions
- ◆ Economical anesthesia vaporizer, has the function of flow and temperature compensation
- ◆ High precision flowmeters and low impedance breath loop, which can meet low-flow requirements
- ◆ High-luminance LED displays multi-parameters of ventilation in real time
- ◆ Standard sockets, extended function, high precision anesthesia vaporizer as option
- ◆ Large capability CO₂ absorber meets the demands of long time operation

ANESTHESIA VENTILATOR

Main characters

Application

Adult & Child

Driven mode

Pneumatically driven and electrically controlled, time switch, volume constant

Ventilation modes

IPPV, Manual

Respiratory rate

6bpm~40bpm

Tidal volume

0, 50ml~1200ml

I/E ratio

1:1, 1:1.5, 1:2, 1:3

Display

high-luminance LED display

Ventilator compliance

≤4mL/100Pa

Monitoring parameters

Tidal volume, Real time airway pressure of patients

Alarms

Upper airway pressure limit, lower airway pressure limit, silence time for alarm

ANESTHESIA MACHINE

Flowmeter

O₂(two tubes)

0.05~1L/min; 1.0~10L/min

N₂O (two tubes)

0.05~1L/min; 1.0~10L/min

ORC device

The proportion between O₂ and N₂O can be continuously adjustable to assure the O₂ concentration above21%

Safety performance

Alarm for oxygen failure, Overflow valve, Safety valve, N₂O cut-off with oxygen failure

ACM606 Anesthesia machine



- ◆ Reliable components, stable performance, suitable for all levels of hospitals
- ◆ Closed, half-closed, half-open anesthesia modes, meet versatile clinical solutions
- ◆ Anesthesia vaporizer with large capability and high precision, has the function of flow, pressure fluctuation and temperature automatic compensation
- ◆ High precision six-tube flowmeter and low impedance breath loop, meet low-flow requirement
- ◆ SIGH ventilation mode accelerates CO₂ expiration and improve the patients' oxygenation ability
- ◆ TFT screen displays multi-parameters and waveforms of ventilation
- ◆ Real time oxygen concentration monitoring
- ◆ CE certificate

ANESTHESIA VENTILATOR

Main characters

Application	Adult & Child
Driven mode	Pneumatically driven and electrically controlled, time switch, volume constant
Ventilation modes	IPPV, SIGH, Manual
Respiratory rate	4bpm ~ 99bpm
Total respiratory rate	0bpm ~ 99bpm
Tidal volume	0, 50ml ~ 1600ml
I/E ratio	1:8、1:7.5、1:7、1:6.5、1:6、1:5.5、1:5、1:4.5、1:4、1:3.5、1:3、1:2.5、1:2、1:1.5、1:1、1:0.7、1:0.5、1:0.3、1:0.2、1:0.1
Triggering sensitivity	0.1kPa ~ 2kPa(the same function like PEEP)
Display	high-luminance, wide screen TFT display
Waveform	Displaying airway pressure waveform
Ventilator compliance	≤4mL/100Pa

Monitoring parameters

Tidal volume, Minute Volume, Respiratory rate, Waveform, Oxygen concentration, Real time airway pressure monitoring, Ppeak, Pmean, PEEP

Alarms

Airway pressure, Tidal volume, Minute volume, Oxygen concentration, Alarm for oxygen supply failure, Power failure

ANESTHESIA MACHINE

Flowmeter

O ₂ (two tubes)	0.05 ~ 1L/min ; 1.0 ~ 10L/min
N ₂ O (two tubes)	0.05 ~ 1L/min ; 1.0 ~ 10L/min
Air (two tubes)	0.05 ~ 1L/min ; 1.0 ~ 10L/min
ORC device	The proportion between O ₂ and N ₂ O can be continuously adjustable to assure the O ₂ concentration above 21%

ACM608B Anesthesia machine



- ◆ Anti-jamming design, stability, support for product upgrade, suitable for all levels of hospitals
- ◆ Closed, half-closed, half-open anesthesia modes, meet versatile clinical solutions
- ◆ Double anesthesia vaporizers with large capability and high precision, have the function of flow, pressure fluctuation and temperature automatic compensation
- ◆ High precision six-tube flowmeter and low impedance breath loop, meet low-flow requirements
- ◆ Color TFT screen displays ventilation multi-parameters and ventilation waveforms
- ◆ automatic memory function for trends and data, which is good for managing the data of patients
- ◆ RS232 interface, easy to connect with CIS, PACS systems
- ◆ Can be equipped with anesthesia information systems, oxygen concentration monitoring and multi-parameters monitors
- ◆ CE certificate

Main characters

Application	Adult & Child
Driven mode	Pneumatically driven and electrically controlled, time switch, volume constant
Ventilation modes	IPPV, SIPPV, SIMV, CPAP, SIGH, MANUAL
Respiratory rate	4bpm ~ 99bpm
Accumulative total respiratory rate	0bpm ~ 99bpm
Tidal volume	0, 50ml ~ 1600ml
I/E ratio	1:8、1:7.5、1:7、1:6.5、1:6、1:5.5、1:5、1:4.5、1:4、1:3.5、1:3、1:2.5、1:2、1:1.5、1:1、1:0.7、1:0.5、1:0.3、1:0.2、1:0.1
Triggering sensitivity	0 kPa ~ 2.0kPa(the same function as PEEP) Display Color
TFT+high-luminance LED display Waveform	Airway-pressure waveform displaying

Monitoring parameters

Tidal volume, Minute volume, total respiratory rate, Real time airway monitoring, Ppeak, PEEP, Average pressure, Trend diagram

Alarms

Airway pressure, Tidal volume, Triggering sensitivity, Minute volume, Oxygen concentration, Respiratory rate, Apneaventilation, Alarm for oxygen supply failure, Power failure, Safety pressure of the airway system

ANESTHESIA MACHINE Flowmeter

O ₂ (two tubes)	0.05 ~ 1L/min; 1.0 ~ 10L/min
N ₂ O (two tubes)	0.05 ~ 1L/min; 1.0 ~ 10L/min
Air (two tubes)	0.05 ~ 1L/min ; 1.0 ~ 10L/min
ORC device	The proportion between O ₂ and N ₂ O can be continuously adjustable to assure the O ₂ concentration above 21%

ACM619 Anesthesia machine



ANESTHESIA MACHINE

Supply gas pressure :	280kPa-600kPa ;
evaporator concentration	0.2% ~ 5% ;
Flowmeter adjust range	0.05L ~ 10L ;
Oxygen concentration	≥21% ;
O ₂ flush	25L/min ~ 75L/min
Gas pressure alarm (electromotion)	0.185 ~ 0.22MPa
Power	<50VA
Machine noise	≤65db
Input power supply	AC 110/220V input
Output power supply	DC 24V output, tolerance±1%
Power supply Interface	RS485
Anti-jamming requirement	it can resist the power conduct and radiation of other equipments
Language	Chinese, English

Followmeter

O ₂ (two tubes)	0.05 ~ 1L/min ; 1.0 ~ 10L/min
N ₂ O (two tubes)	0.05 ~ 1L/min ; 1.0 ~ 10L/min
Air (two tubes)	0.05 ~ 1L/min ; 1.0 ~ 10L/min
ORC device	The proportion between O ₂ and N ₂ O can be continuously adjustable to assure the O ₂ concentration above21%

ANESTHESIA VENTILATOR The main characters

Application	Adult & Child
Driven mode	Pneumatically driven and electrically controlled, time switch
Ventilation modes	VC-IPPV、VC-SIPPV、VC-SIGH、VC-SIMV、PC-IPPV、PC-SIMV、PC-SIPPV、VC-PSV、PC-PSV、PR-IPPV,PR-SIPPV, PR-SIMV,PR-PSV,Manual

Respiratory rate	1bpm~100bpm, tolerance $\pm 15\%$
Tidal volume	working range 20mL~1600mL ,continuously adjustable.
I/E ratio	1: 0.3~1: 8
Triggering sensitivity	0.0kPa~2.0 kPa, tolerance ± 0.1 kPa
Display	LED display
Waveform	Double waveforms displaying for pressure-time and flow-time (optional: volume-time, CO2-time, pressure volume loop, flow volume loop)
The safety pressure of gas circle system	less than 10kPa $\pm 15\%$;
Inspiratory platform	0-60% inspiratory time
Inspiratory pressure	0.3kPa~6.0kPa, tolerance ± 0.1 kPa;
Inspiratory rise time	0.02s~2.00s
Supply pressure	0.3kPa~6.0 kPa, tolerance ± 0.1 kPa
Triggering flowrate	OFF,0.1LPM~20LPM, tolerance ± 0.5 LPM
PEEP	OFF,0.3kPa~3.0 kPa, tolerance ± 0.1 kPa
PS switch flowrate	1%~60% maximal flow
PS Inspiratory rise time	0.02s~2.00s
triggering window	20%~60%
Pressure Limit	0.9kPa~7.9 kPa

Monitoring parameters

Respiratory rate, I/E ratio, breath holding time, Tidal volume, Minute volume, Ppeak, Average Pressure, minimum pressure, PEEP, FIO2 concentration, Optional (FICO2 concentration, ETCO2 concentration, BIS), compliance

Alarms

Airway pressure, Tidal volume, Minute volume, Oxygen concentration, Power failure, Apnea, Flow sensor failure, Respiratory rate, Flow sensor failure, Optional(ETCO2 concentration、 FICO2 concentration), Lower gas pressure, sustained pressure, complete pipeline, PEEP, Silence time for alarm: ≤ 120 s。

Other function

Altitude compensation, O2 compensation, N2O compensation, big screen display, alarm volume adjustment, Start self-test, compliance compensation, leakage compensation

ACM812A Ventilator



- ◆ Suitable for adult and child
- ◆ For various treatment environments such as emergency room, operating theater, ambulance, patient transfer and first-aid
- ◆ Unique invasive and non-invasive ventilation modes to meet the different patients' needs
- ◆ Inspiration halt, convenient for sucking phlegm
- ◆ Oxygen mixing technique to adjust oxygen concentration and meet the oxygen therapy need
- ◆ Alarm and monitoring system which meet the international safety standard
- ◆ TFT screen, displaying various respiration parameters and waveforms
- ◆ With built-in battery and on-vehicle power connector for A/C and D/C power supply
- ◆ PEEP valve, humidifier, trolley, supporting arm and other accessories as optional

Main parameters

Applications	Adult, child
Control mode	Pneumatic driven and electric controlled, time switch, pressure limit, volume control, apnea ventilation
Ventilation modes	A/C, SIMV, SPONT, SIGH, NIPPV, manual
Respiratory rate	4bpm~80bpm
Tidal volume	0, 50ml~1500ml
I:E ratio	1: 0.3, 1: 0.5, 1: 0.7, 1: 1, 1: 1.5, 1: 2, 1: 2.5, 1: 3, 1: 3.5, 1: 4
Trigger sensitivity	-2kPa~2kPa, continuously adjustable
Oxygen concentration	48-100%
Display mode	LCD screen display
Waveform	Airway pressure waveform display

Monitoring parameters

Tidal volume, Minute volume, Respiratory rate, Peak airway pressure

Alarm parameters

Upper airway pressure limit Lower airway pressure limit

Low battery alarm

Power supply failure

Silence for alarm

Note: This machine can be a portable one with oxygen cylinder.

ACM-S3500 Manual Hydraulic Surgical Table



- ◆ In order to attain a high degree of process security in the OR, every movement has to meet a virtually unlimited variety of possibilities for ideal patient positioning in all surgical disciplines, hard and durable steel has to be selected, unique design for two kick out-pin oil cylinder on the base used and forward-looking technology for stable oil flowing with precise controller undertaken, so that man and machinery could harmonise perfectly
- ◆ Well-designed as well as fine closed steel column ensures hygiene and reduces the cost for cleaning, disinfection and rusty possibility
- ◆ Gas spring activates head and leg plates
- ◆ Composite materials for tabletop pave the way for x-ray technology, compatible with interventional radiology
- ◆ Foot pedal controls up -down movements, easily handling
- ◆ All movements are driven mechanically, simply operated, suitable for any condition
- ◆ The design of thin pedestal and column is easy for using of C-Arm and convenient for imaging during operation
- ◆ Foot-control pedal ensures tabletop's up-down movements when power is off

Basic specification

Length of tabletop	2100mm*520mm
Fixation of table	Mechanical
Weight of table	100KG
Capacity of table	100KG

Adjusting scope of tabletop

Height range	740~1040mm
Maximum moving up	300mm
Tilt forward/backward	25°/25°
Tilt left/right	20°/20°
Head plate up/down	50°/90°
Back plate up/down	90°/20°
Leg plate up/down	10°/90° horizontal extension 90°

ACM-T500 Electro Hydraulic Surgical Table



- ◆ In order to attain a high degree of process security in the OR, every movement has to meet a virtually unlimited variety of possibilities for ideal patient positioning in all surgical disciplines, hard and durable stainless steel has to be selected, unique design for two kickout-pin oil cylinder on the base be used and forward-looking technology for stable oil flowing with precise controller undertaken, so that man and machinery have to harmonise perfectly
- ◆ Well-designed as well as fine closed steel column ensures hygiene and reduces the cost for cleaning, disinfection and rusty possibility
- ◆ ACM has a wired remote control with logically automatic locking, preventing the malfunction
- ◆ Gas spring activate head and leg plates
- ◆ Composite materials for tabletop pave the way for x-ray technology, compatible with interventional radiology
- ◆ Connection with all kinds of accessories ensures different surgeries

Basic specification

Length of tabletop	2040mm
Width of tabletop	520mm
Power supply	110~240V 50~60Hz
Power	850VA
Fixation of table	Electrically and hydraulically
Weight of table	150KG
Capacity of table	180KG

Adjusting scope of tabletop

Height range	740~1110mm
Maximum moving up to	400mm
Tilt forward/backward	22°/18°
Tilt left/right	18°/18°
Head plate up/down	50°/90°
Back plate up/down	75°/22°
Leg plate up/down	10°/90 horizontal extension 90°

ACM-T532

Electro Hydraulic Universal Surgical Table



- ◆ Well-designed as well as fine closed steel column ensures hygiene and reduces the cost for cleaning, disinfection and rusty possibility
- ◆ ACM has a wired remote control with logically automatic locking, preventing the malfunction
- ◆ Gas spring activates head and leg plates
- ◆ Composite materials for tabletop pave the way for x-ray technology, compatible with interventional radiology
- ◆ Connection with all kinds of accessories ensures different operation
- ◆ Provide longitudinal slide guaranteeing effective use of interventional radiology during surgery, especially orthopedic operation
- ◆ Updating in time to meet the requirement.

Basic specification

Size of tabletop	2040mm* 520mm
Power supply	110~240V, 50~60Hz
Power	850VA
Fixation of table	Electrically and hydraulically
Weight of table	150KG
Capacity of table	180KG

Adjusting scope of tabletop

Height range	740~1110mm
Maximum moving up	400mm
Tilt forward/backward	22°/18°
Tilt left/right	18°/18°
Head plate up/down	50°/90°
Back plate up/down	75°/22°
Leg plate up/down	10°/90°, horizontal extension 90°
Longitudinal slide of tabletop	300mm

Note: Battery back-up is optional.

ACM-T506 Electro Universal Surgical Table



- ◆ In order to attain a high degree of process security in the OR, every movement has to meet a virtually unlimited variety of possibilities for ideal patient positioning in all surgical disciplines, hard and durable stainless steel has to be selected, unique design for two kickout-pin oil cylinder on the base be used and forward-looking technology for stable oil flowing with precise controller undertaken, so that man and machinery could harmonise perfectly
- ◆ Well-designed as well as fine closed steel column ensures hygiene and reduces the cost for cleaning, disinfection and rusty possibility
- ◆ ACM has a wired remote control with logically automatic locking, preventing the malfunction
- ◆ Gas spring activates head and leg plates
- ◆ Composite materials for tabletop pave the way for x-ray technology, compatible with interventional radiology
- ◆ ACM-T506 could offer the lowest position of 500mm, ideal for neurosurgery, ophthalmic, facial plastic and ENT

Basic specification

Size of tabletop	2000×520mm
Power supply	110~240V 50~60Hz
Power	850VA
Fixation of table	Electrically and hydraulically
Weight of table	150KG
Capacity of table	180KG

Adjusting scope of tabletop

Height range	500~800mm
Maximum moving up to	300mm
Tilt forward/backward	15°/25°
Tilt left/right	18°/18°
Head plate up/down	50°/70°
Back plate up/down	75°/25°
Leg plate down	10°/90°, horizontal extension 90°

EIFFEL 8600 Electrical Hydraulic Surgical Table



- ◆ 5-section design, following the principle of bio-mechanics and anatomy to form a natural arch bridge, which will make the table used widely.
- ◆ Exclusive design of new-style oriented column and double-acting cylinder, which makes the table more stable during the operation, safe loading $\geq 250\text{Kg}$.
- ◆ Self leveling key can make the operating table return to the level position, easy and convenient to involute after the operation.
- ◆ Built-in back-up battery, ensuring that the operation is not effected even without power supply.
- ◆ Electric-driven sliding of tabletop can clear up the obstructions for X-ray in the operation.
- ◆ 70 mm thick mattress, which has memory function to release pressure and prevent bed sore effectively.

Basic specification

Length	2100mm
Width	540mm
Power supply:	220V 50Hz
Power	750VA
Standby power:	10VA
Fix style	foot pedal

Adjusting scope of tabletop

Trendelenburg / reverce-trendelenburg	30° /30°
Tilt left/right:	20° /20°
Head plate	up 45° ,down 90°
Shoulder plate	up 30°
Back plate	up 80° ,down 25°
Leg plates	down 90° ,outward 90°
Longitudinal slide of tabletop	300mm
Height range	730-1130mm
Up/down Distance	400mm

ACM-W520 Mobile shadow less lamp

Technical parameters

Lamp head	W520
Illumination	$\geq 80,000\text{lx}$
Diameter of light spot	120-380mm
Depth of illumination	700mm
Color temperature	4250k
Increase of temperature	$\leq 12^{\circ}\text{C}$
Power	110W
Auto change for bulb	0.3second
Multi-mirror	3800pieces
Size total height	1680mm
Base	605x505(mm)
Pole height	1600mm
Move of the head	1200mm



Note: back-up battery is optional.

ACM-W720/720 surgical shadowless lamp



- ◆ Adapted integrated multi-reflector technology, provide ideal natural color for surgical vision
- ◆ Main and spare bulbs test unit, testing bulbs before operation
- ◆ Main bulb failure alarm, spare bulb automatic light on (changeover time<0.3s)
- ◆ Adjustable handle, easy detached for sterile procession, disinfectant or autoclave
- ◆ Full-closed streamline light cover, aerodynamic design for laminar flow and disinfection compatibility

Technical parameters

Lamp model	ACM-W720/720	ACM-W520/520
Illumination (Lux)	120000~160000	80000
Colour temperature (K)	4200±300	4200±300
Colour rendering index (CRI)	95	95
Facular diameter(mm)	120-380	≥120
Illumination depth(mm)	≥700	≥700
Diameter of light head(mm)	700	500
Increase of temperature on surgeon	≤2°	≤2°
Infrared absorbing rate	99%	99%
Length of the arm (mm)	1800	1800
Weight of lamp	80Kg	60Kg
Installment height	3m	3m
Lowest installation height	2.6m	2.6m
Vertical shift scope	1m	1m
Bulb voltage	150W	110W
Multi-mirror	3800 pieces	2600 pieces
Bulb lifespan	Above 1000 hours	Above 1000 hours

Other models: ACMW720/520, ACM-W520/520, ACM-W620/620, ACM-W720, ACM-W520.



北京航天长峰股份有限公司
BEIJING AEROSPACE CHANGFENG CO., LTD.

ACM-L6800 LED SUIGICAL SHADOWLESS LAMP

DOUBLE DOME LED THEARE LIGHT



General Features:

- ◆ Totally enclosed and streamline designed dish-shape lamp lighting
- ◆ Complied with requirements of sterilization and laminar flow cleaning in modern operating rooms.
- ◆ Capacitive touch screen is easy to control exactly also decrease the possibility of the misoperation.
- ◆ Light suspension system of horizontal body, six groups of joint enter action, easy mobility, stable positioning, 360° all-round design, fully meeting the height and angle requirements for operation.
- ◆ Imported LED cold light source, environmental protection and low power consumption.
- ◆ OSRAM LED bulbs.
- ◆ Adjustable focusing, color temperature and CRI.
- ◆ Long service life of LED lamp.
- ◆ Shadowless effect,
- ◆ Cold light operation lamp
- ◆ CE /ISO approved.

TECHNICAL PARAMETERS

Description	Unit	Parameter	
Diameter	(mm)	700	500
Illumination	(Lx)	$\leq 160,000$	
Color Temp	(K)	3500-5000	
Color Rendering Index	(%)	≥ 93	
Diameter of light spot	(mm)	120-350	
Input power	(W)	420	
LED power	(W)	120	
Illumination Depth	(mm)	700-1500	
LED service life	(H)	>50000	

Package information: 108*86*83cm/Carton

Detailed Photos:





北京航天长峰股份有限公司
BEIJING AEROSPACE CHANGFENG CO., LTD.

ACM-L6600 LED SUIGICAL SHADOWLESS LAMP



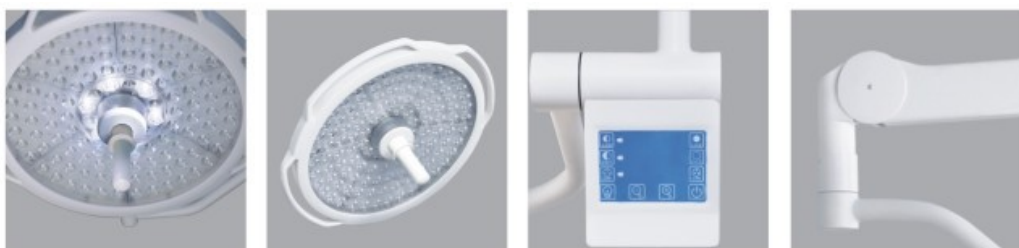
- ◆ GENIUNE COLD-LIGH SOURCE
- ◆ OUTSTANDING SHADOWLESS EFFECTIVENSS
- ◆ EXCELLENT LIGHTING DEPTH
- ◆ ADVANCED LED TOUCH SCREEN INTERFACE CONTROLIED SYSTEM
- ◆ UNIVERSAL SUSPENSION

TECHNICAL PARAMETERS

Description	Unit	Parameter	
Diameter	(mm)	700	500
Illumination	(Lx)	$\leq 160,000$	
Color Temp	(K)	3500-5000	
Color Rendering Index	(%)	≥ 93	
Diameter of light spot	(mm)	120-350	
Input power	(W)	400	
LED power	(W)	120	
Illumination Depth	(mm)	700-1500	
LED service life	(H)	> 50000	

Package information: 108*86*81cm/Carton

Detailed Photos:





北京航天长峰股份有限公司
BEIJING AEROSPACE CHANGFENG CO., LTD.

ACM-L66300 LED surgical operation light

Mobile & wall-mounted Shadowless lamp



General Features :

1. Totally enclosed and streamline designed dish-shape lamp lighting
2. Complied with requirements of sterilization and minor flow cleaning in modern operating rooms.
3. Capacitive touch screen is easy to control exactly also decrease the possibility of the mis-operation
4. Light suspension system of horizontal body, six groups of joint enter action, easy mobility, stable positioning, 360° all-round design fully meeting the height and angle requirements for operation.
5. Imported LED cold light source, environmental protection and low power consumption.
6. OSRAM LED bulbs.
7. Adjustable focusing, color temperature and CRI.
8. Long service life of LED mp.
9. Shadowless effect
10. CE /ISO approved

Specific Parameters:

Description	Unit	Parameter
Diameter	(mm)	700
Illumination	(Lx)	$\leq 160,000$
Color Temp	(K)	3500-5000
Color Rendering Index	(%)	≥ 93
Diameter of light spot	(mm)	120-350
Input power	(W)	420
LED power	(W)	120
Illumination Depth	(mm)	700-1500
LED service life	(H)	>50000

Package information: 58*82*175cm/Carton

Detailed Photos:



Ceiling-mounted pendant



Necessary assistant devices to modern laminar operating room high
strengthen aluminum-alloy material

Pneumatic braking system, shifting prevention performance

Provide space for numerous service outlets, e.g. medical gas, ,
electrical power and communication ports and other accessories

Electrically-driven lifting with low sound driving motor

More arm movement space

Parameters:

Arm length: 600、800、1000、1200 (MM) optional

Rotating: $\leq 350^{\circ}$

Lifting height:

Surgical ceiling mounted pendant/endoscope ceiling mounted pendant 500 ~ 700MM Anesthesia ceiling
mounted pendant 200 ~ 300MM

Suspension arm

Stream-line sculpt, beautiful and practical

High strength suspension arm, high loading capacity

The gas and electricity outlet can be distributed at will.

Easy but efficient cable managing design.

Electricity-driven lift

Low voltage direct current control, safe and reliable

Revolving lifting, long lifting distance.

Possessing high and low limitation, prevent over limitation.

Gas outlet

Standard configuration of national branded gas connector

Using colors differentiate different gas inlet.

Inlet gas external is optional

Note: Anesthesia ceiling-mounted pendant,
Surgical ceiling mounted pendant and endoscope ceiling mounted pendant are
available.

ICU ceiling mounted rail system



Composed of stretch beam, dry area and wet area

The wet area is equipped with infusion pole, syringe pump's trolley, and the platform for equipments and instruments, and the height is adjustable.

The dry area is equipped with Oxygen, Air, vacuum suction, force and weak electricity and the internet communication port;

The medical lights is equipped in the middle of the stretch beam to facility the operation

Parameters:

Length of the stretch beam: 2000-4000mm

Movement distance of dry area: 550mm

Movement distance of wet area: 550mm

Rotating of dry area: $\leq 350^\circ$

Rotating of wet area: $\leq 350^\circ$

Gas outlet

Standard configuration of national branded gas connector

Using colors differentiate different gas inlet.

Inlet gas external is optional

Structure design

One-time shaped model, High strength and load capacity

Flexible top and harm-prevention design, safe and reliable.

Much bigger inner diameter, more external volume of gas and electricity, which gives the customer more choices.

Note: series of dry-wet system, dry and wet separate system and arm-rotating are optional.