Jadex Japan

Operative Room Equipment

Anesthesia

- Jadex-810 Anesthesia Unit

Pneumatically driven electronically controlled system	
Built-in ventilator, 4” LCD display screen	
With 1 patient circuit for adult (Option: patient circuit for children).	
4-tube flow meters, O_2 & N_2O ; 0.1 L/Min ~ 10 L/Min;	
One vaporizer, Enflurane/Isoflurane/Sevoflurane; (Option: Halothane)	
Oxygen Flush:	25~75 L/Min;
Respiration Mode:	IPPV, SIPPV(VCV), IMV, SIMV, PEEP, Manu, Sigh
Tidal Volume:	50~1500 mL;
I:E:	4:1, 3:1, 2:1, 1:1, 1:1.5, 1:2.0, 1:2.5, 1:3, 1:4;
Respiration Frequency:	1~99bpm;
PEEP:	1~10 hPa;
Ptr:	-10~10 hPa;
CO_2 absorber capacity:	1 kg
Lung compliance:	≤ 30 mL/kPa;
IMV frequency:	1~12bpm
Inspiratory Plateau:	0~1S;
Alarm parameter:	upper /lower limit of airway pressure, tidal volume exceed limitation, no tidal volume output, apnea, AC power malfunction, battery low power

- *Jadex-820 Anesthesia Unit*

Pneumatically driven electronically controlled system	
Built-in ventilator, 5.7” LCD display screen	
With 1 patient circuit for adult (Option: patient circuit for children).	
4-tube flowmeters, O_2 & N_2O ; 0.1 L/Min ~ 10 L/Min;	
One vaporizer, Enflurane/Isoflurane/Sevoflurane; (Option: Halothane)	
Oxygen Flush:	25~75 L/Min;
Respiration Mode:	IPPV, SIPPV(VCV), IMV, SIMV, PEEP, Manu, Sigh
Tidal Volume:	50~1500 mL;
I:E:	4:1, 3:1, 2:1, 1:1, 1:1.5, 1:2.0, 1:2.5, 1:3, 1:4;
Respiration Frequency:	1~99bpm;
PEEP:	1~10 hPa;
Ptr:	-10~10 hPa;
CO_2 absorber capacity:	1 kg
Lung compliance:	≤ 30 mL/kPa;
IMV frequency:	1~12bpm
Inspiratory Plateau:	0~1S;
Alarm parameter:	upper /lower limit of airway pressure, tidal volume exceed limitation, no tidal volume output, apnea, AC

	power malfunction, battery low power

- *Jadex-830 Anesthesia Unit*

Pneumatically driven electronically controlled system	
Built-in ventilator, 8.4” LCD display screen	
With 1 patient circuit for adult (Option: patient circuit for children).	
5-tube flowmeters, O_2 & N_2O & Air; 0.1 L/Min ~ 10 L/Min;	
Two vaporizers, Enflurane/Isoflurane/Sevoflurane; (Option: Halothane)	
Oxygen Flush:	25~75 L/Min;
Respiration Mode:	IPPV, SIPPV(VCV), IMV, SIMV, PEEP, Manu, Sigh
Tidal Volume:	50~1500 mL;
I:E:	4:1, 3:1, 2:1, 1:1, 1:1.5, 1:2.0, 1:2.5, 1:3, 1:4;
Respiration Frequency:	1~99bpm;
PEEP:	1~10 hPa;
Ptr:	-10~10 hPa;
CO_2 absorber capacity:	1 kg
Lung compliance:	≤ 30 mL/kPa;
IMV frequency:	1~12bpm
Inspiratory Plateau:	0~1S;
O_2 Concentration:	21%~100%

Alarm parameter:	upper /lower limit of airway pressure, tidal volume exceed limitation, no tidal volume output, apnea, AC power malfunction, battery low power

- *Jadex-840 Anesthesia Unit*

Pneumatically driven electronically controlled system	
Built-in ventilator, 10.4” LCD display screen	
With 1 patient circuit for adult (Option: patient circuit for children).	
5-tube flowmeters, O_2 & N_2O & Air; 0.1 L/Min ~ 10 L/Min;	
Two vaporizers, Enflurane/Isoflurane/Sevoflurane; (Option: Halothane)	
Oxygen Flush:	25~75 L/Min;
Respiration Mode:	IPPV, SIPPV(VCV), IMV, SIMV, PEEP, Manu, Sigh
Tidal Volume:	50~1500 mL;
I:E:	4:1, 3:1, 2:1, 1:1, 1:1.5, 1:2.0, 1:2.5, 1:3, 1:4;
Respiration Frequency:	1~99bpm;
PEEP:	1~10 hPa;
Ptr:	-10~10 hPa;
CO_2 absorber capacity:	1 kg
Lung compliance:	≤ 30 mL/kPa;
IMV frequency:	1~12bpm
Inspiratory Plateau:	0~1S;

Pneumatically driven manual controlled system	
With 1 patient circuit for adult.	
2-tube flowmeters, O_2 & N_2O; 0.1 L/Min ~ 10 L/Min;	
O_2 and N_2O linkage Device to keep O_2 concentration ≥25%.	
Alarm when O_2 pressure is too low.	
One vaporizer, Enflurane/Isoflurane/Sevoflurane; (Option: Halothane)	
CO_2 absorber capacity:	0.8 kg
Oxygen Flush:	25~75 L/Min;
Respiration Mode:	Manual

- *Jadex-IIIB Anesthesia Unit*

Measuring range of flowmeter: O_2: 0.1 ~ 10 L/min; N_2O: 0.1 ~ 10 L/min
ORC: O_2 concentration ≥25%(O_2 +N_2O)
Gas supply: 0.27 ~ 0.55 Mpa
O_2 flush: 35 ~ 70 L/min
N_2O cut-off: N_2O is cut off automatically, as O_2 pressure drops below 0.1 Mpa
Enflurane vaporizer: 0 ~ 5% adjustable (Vol%)
APL: 0.5 ~ 7kPa
Dimensions: 516 × 600 × 1370mm (L×w×H)
Weight: 52kg

- *Jadex-01 Multifunctional Anesthesia Unit*

Pneumatically driven electronically controlled system	
Built-in ventilator, LED display screen	
With 1 patient circuit for adult (Option: patient circuit for children).	
4-tube flowmeters, O_2 & N_2O;0.1 L/Min ~ 10 L/Min;	
One vaporizer, Enflurane/Isoflurane/Sevoflurane; (Option: Halothane)	
Oxygen Flush:	25~75 L/Min;
Respiration Mode:	IPPV, SIPPV, Manu
Tidal Volume:	50~1500 mL;
I:E:	1:1.5; 1:2.0; 1:2.5; 1:3
Respiration Frequency:	4~40 bpm
Ptr:	-10~10 hPa;
CO_2 absorber capacity:	1.5 kg
Alarm parameter:	upper/lower limit of ventilation volume, upper /lower limit of airway pressure, tidal volume exceed limitation, no tidal volume output, apnea, AC power malfunction, battery low power

- Jadex-01A Multifunctional Anesthesia Unit

Pneumatically driven electronically controlled system	
Built-in ventilator, 5.7” LCD display screen	
With 1 patient circuit for adult (Option: patient circuit for children).	
4-tube flowmeters, O_2 & N_2O;0.1 L/Min ~ 10 L/Min;	
One vaporizer, Enflurane/Isoflurane/Sevoflurane; (Option: Halothane)	
Oxygen Flush:	25~75 L/Min;
Respiration Mode:	IPPV, SIPPV, Manu
Tidal Volume:	50~1500 mL;
I:E:	4:1, 3:1, 2:1, 1:1, 1:1.5, 1:2.0, 1:2.5, 1:3, 1:4;
Respiration Frequency:	1~80 bpm;
Ptr:	-10~10 hPa;
CO_2 absorber capacity:	1.5 kg
Alarm parameter:	upper/lower limit of ventilation volume, upper /lower limit of airway pressure, tidal volume exceed limitation, no tidal volume output, apnea, AC power malfunction, battery low power

- Jadex-01B Multifunctional Anesthesia Unit

Pneumatically driven electronically controlled system	
Built-in ventilator, LED display screen	
With 1 patient circuit for adult (Option: patient circuit for children).	
4-tube flowmeters, O_2 & N_2O;0.1 L/Min ~ 10 L/Min;	
Two vaporizers, Enflurane/Isoflurane/Sevoflurane; (Option: Halothane)	
Oxygen Flush:	25~75 L/Min;
Respiration Mode:	IPPV, SIPPV, Manu
Tidal Volume:	50~1500 mL;
I:E:	1:1.5; 1:2.0; 1:2.5; 1:3
Respiration Frequency:	4~40 bpm;
Ptr:	-10~10 hPa;
CO_2 absorber capacity:	1.5 kg
Alarm parameter:	upper/lower limit of ventilation volume, upper /lower limit of airway pressure, tidal volume exceed limitation, no tidal volume output, apnea, AC power malfunction, battery low power

- *Jadex-01C Multifunctional Anesthesia Unit*

Pneumatically driven electronically controlled system	
Built-in ventilator, 10.4” LCD display screen	
With 1 patient circuit for adult (Option: patient circuit for children).	
5-tube flowmeters, O_2 & N_2O & Air;0.1 L/Min ~ 10 L/Min;	
Two vaporizers, Enflurane/Isoflurane/Sevoflurane; (Option: Halothane)	
Oxygen Flush:	25~75 L/Min;
Respiration Mode:	IPPV, SIPPV, IMV, SIMV, PEEP, Manu, Sigh
Tidal Volume:	50~1500 mL;
I:E:	4:1, 3:1, 2:1, 1:1, 1:1.5, 1:2.0, 1:2.5, 1:3, 1:4;
Respiration Frequency:	1~99bpm;
PEEP:	1.5~10 hPa;
Ptr:	-10~10 hPa;
CO_2 absorber capacity:	1.5 kg
IMV frequency:	1~12bpm
Inspiratory Plateau:	0~1S;
O_2 Concentration:	21%~100%
Alarm parameter:	upper /lower limit of airway pressure, upper /lower limit of tidal volume, no tidal volume output, apnea, upper /lower limit of oxygen concentration , AC power malfunction, battery low power

- Jadex-01D Multifunctional Anesthesia Unit

Pneumatically driven electronically controlled system	
Built-in ventilator, 10.4” LCD display screen	
With 1 patient circuit for adult (Option: patient circuit for children).	
5-tube flowmeters, O_2 & N_2O & Air;0.1 L/Min ~ 10 L/Min;	
Two vaporizers, Enflurane/Isoflurane/Sevoflurane; (Option: Halothane)	
Oxygen Flush:	25~75 L/Min;
Respiration Mode:	IPPV, SIPPV, IMV, SIMV, PEEP, Manu, Sigh
Tidal Volume:	50~1500 mL;
I:E:	4:1, 3:1, 2:1, 1:1, 1:1.5, 1:2.0, 1:2.5, 1:3, 1:4;
Respiration Frequency:	1~99bpm;
PEEP:	1.5~10 hPa;
Ptr:	-10~10 hPa;
CO_2 absorber capacity:	1.5 kg
IMV frequency:	1~12bpm
Inspiratory Plateau:	0~1S;
O_2 Concentration:	21%~100%
Alarm parameter:	upper /lower limit of airway pressure, upper /lower limit of tidal volume, no tidal volume output, apnea, upper /lower limit of oxygen concentration , AC power malfunction, battery low power
Patient Monitor	8.4`` TFT large screen of high resolution
	ECG: 5-lead, gain:×2.5mm/mV×5.0mm/mV×10mm/mV×20mm/mV, analysis of ST segment and abnormal of heart rate (anti-defibrillate, anti-HF electrotome)
	Heart Rate: 20~250bpm
	RESP: Impedance, range: 0~100bpm
	SpO_2: 0%~100%
	Pulse Rate: 20~250bpm

- Jadex-SHIC Multifunctional Anesthesia Unit

Flow	O_2 0.05~1L/min;1~10L/min
	N_2O 0.05~1L/min;1~10L/min
	AIR 0.2~1L/min;1~12L/min
	ORC O_2≥25%
O_2 flush	35~75L/min
Oxygen deficiency alarm and N_2O cut-off	When O_2 ≤0.2Mpa, audible alarm occurs and lasts for at least 7 seconds
	When O_2 ≤0.14Mpa, N_2O flow decreases correspondingly
	When O_2 ≤0.04Mpa, N_2O flow is cut off
Integrated breathing circle system	APL adjustment range: 0.5~7kPa
	CO_2 absorber capcity: 1.6L
Vaporizer	Ambient temperature: 15~35°C
	Input flow: 0.25~15L/min
	Output back pressure: -10kPa~20kPa
	Output concentration: 0.2%~5%(±0.2%) (Vol%)
Frequency	6~40 bmp
Tidal volume	Adult: 100~1100mL Infant: 30~150mL
I:E	ratio 1:1~1:9.9 adjustable

Ventilators

- Jadex-500 Ventilator

Breathing Mode	IPPV, SIPPV, IMV, SIMV, PEEP, Manu, Sigh and so on;
Tidal Volume Adjustment	50~1200ml
Ventilation Capacity per Minute	≥18L
Oxygen Concentration	<45%
Ventilator Conformance	≤30mL/kpa
Respiratory Rate	6~60/m
I/E Ratio:	1:1.5, 1:2.0, 1:2.5, 1:3.0;
Maximum Safe Pressure	≤6.0kPa
(Ptr) Range	-0.4~1.0kPa
Transfer Time from Controlled to Assistant Respiration	6s
Air Flow Adjustment	1~12times /m
PEEP	0.1~1.0kPa
Sigh Volume:	150% of tidal volume
Oxygen Consumption: ≤1.5mPa change in pressure after 1-hour operation of oxygen cylinder of 12250kPa/40L.	

- *Jadex-500A Ventilator*

Breathing Mode	IPPV, SIPPV, IMV, SIMV, PEEP, Manu, Sigh and so on;
Tidal Volume Adjustment	50~1500ml
Ventilation Capacity per Minute	≥18L
Oxygen Concentration	21%~100%
Ventilator Conformance	≤30mL/kpa
Respiratory Rate	1~99/m
I/E Ratio:	I:E: 4:1, 3:1, 2:1, 1:1, 1:1.5, 1:2.0, 1:2.5, 1:3, 1:4;
Maximum Safe Pressure	≤6.0kPa
(Ptr) Range	-0.4~±1.0kPa
Transfer Time from Controlled to Assistant Respiration	6s
Air Flow Adjustment	1~12 times /m
PEEP	0~1.0kPa
Sigh Volume:	150% of tidal volume
Oxygen Consumption:≤1.5mPa change in pressure after 1-hour operation of oxygen cylinder of 12250kPa/40L.	

- *Jadex-500B Ventilator*

Breathing Mode	IPPV, SIPPV, IMV, SIMV, PEEP, Manu, Sigh and so on;
Tidal Volume Adjustment	50~1500ml
Ventilation Capacity per Minute	≥18L
Oxygen Concentration	21%~100%
Ventilator Conformance	≤30mL/kpa
Respiratory Rate	1~99/m
I/E Ratio:	I:E: 4:1, 3:1, 2:1, 1:1, 1:1.5, 1:2.0, 1:2.5, 1:3, 1:4;
Maximum Safe Pressure	≤6.0kPa
(Ptr) Range	-0.4~±1.0kPa
Transfer Time from Controlled to Assistant Respiration	6s
Air Flow Adjustment	1~12 times /m
PEEP	0~1.0kPa

Sigh Volume:	150% of tidal volume
Oxygen Consumption:≤1.5mPa change in pressure after 1-hour operation of oxygen cylinder of 12250kPa/40L.	
Air Compressor	Output pressure: 0.4 MPa ± 20 %;
	Flux of output gas: ≥ 20 L / Min;
	Flow rate of output gas: ≥ 60 L / Min;
	Temperature detection protection: light and sound alarm when it ups to 108°C; it will power off automatically when it is 120°C
	Current protection: when the current ups to the locked current of the air compressor and last for 3S and power off automatically.
	Output gas grain:�� 40μm;
	Temperature of output gas: difference from the temperature is no more than 5°C;
	Dew-point temperature: 3°C lower than the temperature of the environment when it is 40 L / Min
	Noise:≤ 55 dB(A)

- *Jadex-10 Portable Ventilator*

Breath Rate	10 15 20 25 30 35bpm
I:E	2:1 1:1 1:1.5 1:2 1:2.5 1:3
Tidal Volume	300 ~ 1000 ml
W×D×H	380×120×240mm
Weight	3kg
AC Voltage	110V~240V
DC Voltage	12V
Inlet Battery	12V , 2Ah

- *Jadex-100C Portable Ventilator*

Ventilation Mode	C A/C SIMV SPONT PEEP(Choice of suppliers)
Tidal Volume	50~1200ml
Breath Rate	5~60 bpm
PEEP	0~2KPa
%O2	45~90%
Sigh	1~10 per 100 breath
Peep	10-60 hpa (Choice of suppliers)
Trigger Level	-10~0hpa
Over Pressure Relief	<6kpa
High Pressure Alarm Limit	2~6kpa flash, red indicator
Low Pressure Alarm Limit	0. 2~2kpa Red indicator
Alarm Silence	60 sec. max
W×D×H	300×160×230mm
Weight	3kg

- *Jadex-100D Portable Ventilator*

Tidal Volume	50~2000 ml
Respiratory Rate	1~100 bpm
O2%	45~100%
Trigger Level	-20~0 hpa
Peak Pressure	0~60 hPa
PEEP	0~20 hPa
SIGH	1~10 times per 100 breath
Large LCD Screen Data Display	Tidal Volume, O2%, Sigh, Respiratory Rate, Flow, Pressure (Synchronized Trigger, Peak Airway, CPAP, PEEP)
Large LCD Screen Curve Display	Airway Pressure Time Waveform Display
Alarm Data Display	High/Low Airway Pressure Alarm, Lack of Gas/Power Alarm, Parameter Error

- *Jadex-200 Infant Ventilator*

Ventilation Mode	CMV; IMV; CPAP; Manual Ventilation.
Frequency of ventilation	1~120 bpm
I:E	1: 0.1~ 1: 9.9
Flow Volume	3 L/m~20 L/m
O_2 Concentration	21~100%
PEEP	0 kPa~2 kPa
Inspiration pressure	1 kPa~9 kPa
Inspiration time	0.2 seconds~3.0 seconds
Input pressure	0.15 MPa~0.3 MPa
Dimension	320 ×280 ×190 cm
Weight	Approximately 7.5 kg

- *Jadex-300 versatile Ventilator*

Respiratory frequency: IPPV: 5~60bmp SIMV:1~12bpm	
Inspiratory flow:	Infant: 4~24L/min(continuous)
◆	Adult: 10~120L/min(inspiratory phase)
Inspiratory time: 0.2~3s [for IPPV (VC) and SIMV]	
Peak Pressure: 1~9kPa	
Inhaled oxygen concentrateion: 21~100%	
PEEP/CPAP: 0~1.5kPa	
Pressure support: 0~3.5kPa	
Trigger sensitivity: 0.1~1.0kPa	
Ventilation modes:	Adult: IPPV (VC), IPPV(PC), SIMV, SIMV+PSV, CPAP, PSV
	Infant: IPPV (PC), IMV, CPAP continuous flow, pressure limited, time cycle Emergency: IPPV (PC) constant pressure (02 concentration, inspiratroy pressure key active only)
MV monitoring	0~40L/min
	Upper alarm limit:5~40L/min
	Lower alarm limit:0~20L/min
Airway pressure monitoring: Pmax Pmean, Pplat, Peep	
Ventilation monitoring: Respiratory Frequency, Minute Volume, Tidal Volume	
Alarms: air supply deficiency, oxygen deficiency, hose detachment, high airway pressure, low airway pressure, high MV, low MV, apnea, power failure.	

- *Jadex-400A Infant Ventilator*

Power supply: AC220V±22V 50HZ±1HZ Output power: ≤28VA
Frequency: 10~150 breaths/min
I/E ratio: 1:1, 1:1.5, ~1:3 and inverse ratio
Driving Pressure: 0~60KPa
Pressure Atomizer Rate: ≤6ml/h
Relative humidity: ≤80% Temp: 5-40°C
Process Ventilation: T=10min
Pro I: f(150): f(35)=7:3
Pro II: f(35): f(150)=7:3
Storage Battery: 4Ah,Automatic charge when 12V
SIGH: 6 breaths/min
Alarm: Alarm when battery voltage is lower than 11V, alarm lasts 6 seconds if no oxygen. Alarm with audible signals
and flashing light when the airway pressure is over 0.8KPa
CPAP: 0~0.5KPa ◆◆ PEEP:0~0.20KPa
Oxygen Concentration Adjustable: 21%~100%
Jetting volume range: 0~600ml/time
Pressure Regulator Limit: 0.2MPa
Ventilation Mode: HFJV (High Frequency Jet Ventilation), CPAP (Continuous positive airway pressure), HFJV+PEEP (Positive End-Expiratory Pressure), HFJV+SIGH (Sigh), Process ventilation I and Process ventilation II.

Monitors

- Jadex-2000 Vital Signs Monitors

Compact and portable, allowing for uninterrupted monitoring with built-in battery	
High bright LEDS display of NIBP, SPO2 and pulse rate	
High resolutioncolor LCD for trend tabular and SPO_2 waveforms display	
Manual/auto/continuous measurement of NIBP	
Adjustable audible and visual alarms	
Up to 600 groups NIBP data up to 10 hours	
Suitable for adult, pediatric and neonatal patient	
Display	7 segment LEDS for systolic, diastolic, mean pressures, SPO2 and pulse rate
	2.4``color LCD for waveforms, bargraphic, trend and aystem menu
NIBP	Method: Oscillometry
	Operation modes: Manual/Automatic/STAT
	Auto Measure time : 5~250 minutes adjustable, interval 5 minutes
	Measurement range: 10~270mmHg
	Overpressure protection: yes
	Resolution: 1mmHg
	Alarm: systolic, Diastolic, Mean
SPO_2	Measurement range: 0~100%
	Resolution: 1%
	Accuracy: 70~100% ±2%, 0~69% unspecified
	Alarm range: 0~100%
Pulse Rate	Range: 0~254bpm
	Resolution: 1bpm
	Accuracy: ±1bpm

- *Jadex-3000 Patient Monitors*

Features	8.4" color TFT display
	Suitable for adult, pediatric and neonatal patient
	Basic parameters (ECG, SpO2, NIBP) in a durable case for bedside monitoring and transport
	Audible and visual alarms with adjustable alarm ranges
	Networkable with central monitoring system
	Powerful data management and storage capacity
ECG	Lead type: 5-lead
	Input: RA; LA; RL; LL; V
	Sweep speed: 12.5mm/s, 25mm/s, 50mm/s
	Accuracy: ± 1 bpm or ±1%, whichever is greater
	Protection: Withstand 4000VAC/50Hz voltage in isolation against electrosurgical and defibrillation
	S-T detection: YES, Arrhythmia analysis: YES
	Alarm: YES, audible and visual alarm, alarm events recallable
NIBP	Method: Oscillometry
	Operation modes: Manual/Automatic/STAT
	Measurement unit: mmHg/KPa selectable
	Measurement types: Systolic, Diastolic, Mean
	Over-pressure protection: YES
SpO_2	Measurement range: 0-100%
	Accuracy: ±2%digit (70~100%) 0~69% unspecified

- *Jadex-3000A Patient Monitors*

	12.1"High brightness TFT LCD display
	Portable, streamline handle design
	Big figure display
Features	96-hour tabular and graphic trends & date storage
	NIBP dual Over Pressure Protection
	Isolated floating, anti-defibrillation protected and anti high-frequency interference
	Inner printer
	Lead type: 5-lead
	Input: RA; LA; RL; LL; V
	Sweep speed: 12.5mm/s, 25mm/s, 50mm/s
	Accuracy: ±2bpm or ±2%, whichever is greater
ECG	
	Protection: Withstand 4000VAC/50Hz voltage in isolation against electrosurgical and defibrillation
	S-T detection: YES, Arrhythmia analysis: YES
	Alarm: YES, audible and visual alarm, alarm events recallable
	Method: Oscillometry
	Operation modes: Manual/Automatic/STAT
NIBP	
	Measurement unit: mmHg/KPa selectable
	Measurement types: Systolic, Diastolic, Mean

	Over-pressure protection: YES
	Measurement range: 0-100%
SpO_2	Accuracy: ±2% (70~100%);
	0~69% unspecified
	Range: 0-50°C
Temperature	Apnea: 0.1°C
	Channel: Dual-Channel
	Method: RA-LL impedance
Respiration	Range: Adult: 0-120rpm; pediatric/neonatal: 0-150rpm
	Apnea alarm: Yes

- *Jadex-3000B Patient Monitors*

	Lead mode: 3-lead or 5-lead
	Lead selection: I; II; III; avR; avL; avF; V
	Heart rate range: Adult: 15-300bpm; Pediatric/Neonatal: 15-300bpm
	ECG waveform: 2 channels
ECG	
	Accuracy: ± 1 bpm or ±1%
	S-T segment detection Measurement rang : -0.2mv~2.0mv
	Alarm: Yes, audible and visual alarm, alarm events review
	High resolution 12.1"color TFT display

	Light weight, compact and portable
	ECG, APO2, NIBP, RESP, 2-TEMP, PR
	Optional: 2-IBP, ETCO2, And thermal printer
	Built-in rechargeable lithium battery
	ECG waveforms of 7-leads display on the same screen
	72-hours graphic and tabular trends of all parameters
	72 alarm events of all parameters recall
	32 seconds full-disclosure waveform review
	500 NIBP measurement date can be storage and recall
	Date and waveforms color be adjustable
	Arrhythmia analysis and S-T segment analysis
	Suitable for adult, pediatric and neonatal patient
	Method: Oscillometry
	Modes: Manual/Auto/Continuous
NIBP	Auto measure time: Adjustable
	Measurement rang: 10-270mmHg
	Measurement range: 0-100%
SPO_2	Accyracy: 70-100%, ±2% 0-69%, upspecified
	Range: 20-254bpm
Pulse rate	Accuracy: ±3bpm
	Method: RA-LL impedance
Respiration	Range: Adult: 0-120rpm; pediatric/neonatal: 0-150rpm
	Apnea alarm Yes
	Range: 0-50°C
Temperature	Apnea: 0.1°C
	Channel: Dual-Channel

- *Jadex-800F Maternal/Fetal Monitors*

Features	Single or Twins Ultrasound transducer
	Data Graph and Trend Table Review of both mother and fetal
	Built-in thermal printer
	Programmable alarms
	Built-in Network capability for connect with central monitoring software
	All the colors and looks or the parameters can be customized
	Multi-face views, select focus on mother or fetal
	Storage of patient information and data
Performance Specifications	Display: 8.4" Color TFT
	Resolution: 640x480
	Display Mode: Standard View, Fetal View, Mother View
	Indicator: Power indicator light, Alarm sound
	Interface: Socket for connecting fetal FHR, TOCO, and Fetal Movement Sensor Socket for connecting mother ECG, NIBP and SPO2 sensor.

	Net Socket(RJ45) for communication cable with Central Monitoring Station Software.
	Power Supply: AC 100 ~ 240V, 50/60Hz, Power < 60VA
	Trend Graph: Resolution from 1s, 5s, 10s. Maximum time 96 hours.
	Trend Table: Resolution from 1s, 5s, 10s. Review up to 1000 items.
	Alarm: Adjustable High and Low limits. Three level audible and visual alarm.
	User Configuration: All the color of parameters and waves can be set according to user willing.
	Meet the requirement of IEC60601 series
	Degree of Protection: BF
Technical specifications	Type of Protection: Class II with internal electric power supply
	Dimention: 92(W)x82(H)x22(D)mm
	Weight: 136g(with battery)
Operation Environment	Temperature: 0°C~ +40°C
	Humidity: 15% ~ 95%
	Temperature: -20°C~ +60°C
Storage Environment	Humidity: 10% ~ 95%
	Patient Range: Pregnant Adult
	Ultrasound Frequency: 2MHz
FHR	Range: 50 ~ 210 bpm
	Resolution: 1bmp
	Accuracy: ±2bmp
FETAL MOVEMENT	Manual fetal movement mark
	Measurement Range: 0 ~ 100%
	Resolution: 1%
SPO_2	Accuracy: ±2%(70%~100%, Adult/Pediatric, non-motion) ±3%(70%~100%, Neonate, non-motion)0% ~ 69% unspecified
	Alarm Range: 0% ~ 100%
	Refreshing Rate: 1s
	Measurement Range: 25 ~ 250 bpm
Pulse Rate	Resolution: 1bpm
	Accuracy: ±3 bpm (non-motion)

	Alarm Range: 25 ~ 250 bmp
	Refreshing Rate: 1s
ECG	Lead mode: 3-lead or 5-lead
	Lead selection: I, II, III, AVR, AVL, AVF, V
	HR range: 15 ~ 300 bpm
	ECG Waveform: 2 channals
	Accuracy: ±2bpm or ±2%, which is greater
	S-T segment detection range: -2.0mv ~ +2.0mv
	Arrhythmia analysis: 13 kinds of arrhythmia
	Alarm Range: 15 ~ 300 bpm
NIBP	Method: Oscillometry
	Mode: Manual/Auto/Contiuous
	Measurement Range: 25 ~ 260mmHg
	Auto Measure Interval: 5, 10, 15, 30, 45, 60, 90 minutes
	Resolution: 1mmHg
	Overpressure Protection: 300mmHg
	Alarm range: 25 ~260mmHg

- *Jadex-800G Fetal Monitors*

Compact and portable design, can be put on table or wall mounted	
8.4" color LCD screen display which can be rotatable up to 60°	
Display of the patient data and curve clearly	
Can record fetal movement manually	
High and low fetal heart rate alarm function	
Continuous 24-hour real-time monitoring function	
Continuous 12-hour patient curve and data storage with playback ability	
With picture freeze function	
Chinese and English operation interface selectable	
Single, Twins Monitoring selectable	
9 chip pulse width beam probe	
Extra-long life, high-resolution built-in thermal printer which can output waveform, text, and other information	
Built-in RJ45 communication interface, can be connected with central monitoring system	
Specification	Ultrasound probe nominal frequency: 1.0MHz
	FHR Range: 65BPM~210BPM; Accuracy: ±2%
	AC power supply voltage: AC100V~240V ; Working Frequency: 50Hz/60Hz
	TOCO Range: 0~100% ; Resolution: 1%
	Fetal marking: Manual push button(Operated by pregnant women)
	Optional: Twins monitoring ultrasound probe FHR2

ECG

- *Jadex-ECG-1A1 Digital Electrocardiograph*

Features:

Lead: Standard 12 leads
Acquisition: Simultaneous 12 leads
Resolution: 12bit/1000Hz
Operation mode: Manual/Auto/Analysis Modes
Filter: AC.EMG Filter
Drift filter: Anti-Drift System
CMRR: ≥100dB, with AC Filter
Input circuit: Floating, Protection against defibrillator effect
Input circuit current: ≤0.1μA
Drift filter: Anti-Drift System
CMRR: ≥100dB, with AC Filter
Input circuit: Floating, Protection against defibrillator effect
Input circuit current: ≤0.1μA
Input Impedance: >50MΩ
Patient current leakage: <10μA
Calibrating voltage: 1mV±3%
Voltage tolerance: ±500mV
Time constant: >3.2s
Frequent response: 0.05Hz~160Hz
Noise level: ≤15μVp-p
Threshold: ≤20μV
Paper speed: 25, 50mm/s (±3%)
Sensitivity: Auto, 2.5, 5, 10, 20, 40mm/mV
Recorder: High resolution thermal printer
Safety standard: GB9706.1-2007, IEC Class I, Type CF

Specification:

Single channel ECG machine with measurement
Manual/Auto/Arrhythmia Analysis Modes
Lead-off indicator
Built in rechargable NI-MH battery 12V (1500mAh)
Adapt to 110-230V, 50/60HZ AC power supply
Built in USB/RS232 interface (ECGNET software optional)
Package: 40cm×34cm×22cm GW: 4.6KG NW: 1.7KG
20×2 character LCD, USB is optional

- *Jadex-ECG-1A2 Digital Electrocardiograph*

Features:

Lead: Standard 12 leads
Acquisition: Simultaneous 12 leads
Resolution: 12bit/1000Hz
Operation mode: Manual/Auto/Analysis Modes
Filter: AC.EMG Filter
Drift filter: Anti-Drift System
CMRR: ≥100dB, with AC Filter
Input circuit: Floating, Protection against defibrillator effect
Input circuit current: ≤0.1μA
Drift filter: Anti-Drift System
CMRR: ≥100dB, with AC Filter
Input circuit: Floating, Protection against defibrillator effect

Input circuit current: ≤0.1μA
Input Impedance: >50MΩ
Patient current leakage: <10μA
Calibrating voltage: 1mV±3%
Voltage tolerance: ±500mV
Time constant: >3.2s
Frequent response: 0.05Hz~160Hz
Noise level: ≤15μVp-p
Threshold: ≤20μV
Paper speed: 25, 50mm/s (±3%)
Sensitivity: Auto, 2.5, 5, 10, 20, 40mm/mV
Recorder: High resolution thermal printer
Safety standard: GB9706.1-2007, IEC Class I, Type CF

Specifications:

Single channel ECG machine with measurement
Manual/Auto/Arrhythmia Analysis Modes
Built in rechargable NI-MH battery 12V (1500mAh)
Adapt to 110-230V, 50/60HZ AC power supply
Built in USB/RS232 interface (ECGNET software optional)
ECG waveform, 16 cases save/replay
Package: 40cm×34cm×22cm GW: 4.6KG NW: 1.7KG
320×240 graphic 3.8inch LCD, 16cases save/replay

- *Jadex-ECG-3A1 Digital Electrocardiograph*

Features:

Lead: Standard 12 leads
Acquisition: Simultaneous 12 leads
Resolution: 12bit/1000Hz
Operation mode: Manual/Auto/Analysis Modes
Filter: AC.EMG Filter
Drift filter: Anti-Drift System
CMRR: ≥100dB, with AC Filter
Input circuit: Floating, Protection against defibrillator effect
Input circuit current: ≤0.1μA
Drift filter: Anti-Drift System
CMRR: ≥100dB, with AC Filter
Input circuit: Floating, Protection against defibrillator effect
Input circuit current: ≤0.1μA
Input Impedance: >50MΩ
Patient current leakage: <10μA
Calibrating voltage: 1mV±3%
Voltage tolerance: ±500mV
Time constant: >3.2s
Frequent response: 0.05Hz~160Hz
Noise level: ≤15μVp-p
Threshold: ≤20μV
Paper speed: 25, 50mm/s (±3%)
Sensitivity: Auto, 2.5, 5, 10, 20, 40mm/mV
Recorder: High resolution thermal printer
Safety standard: GB9706.1-2007, IEC Class I, Type CF

Specifications:

3 channel ECG machine with measurement
Manual/Auto/Arrhythmia Analysis Modes
80mm 3-ch recording with rhythm lead
Built in rechargable Li-Ion battery 14.4V (2200mAh)
Adapt to 110-230V, 50/60HZ AC power supply
Real-time ECG waveform, cases save/replay
Built in USB/RS232 interface (ECGNET software optional)
Package: 40cm×34cm×22cm GW: 4.6KG NW: 1.7KG
320×240 graphic 3.8 inch LCD

- *Jadex-ECG-3A2 Digital Electrocardiograph*

Features:

Lead: Standard 12 leads
Acquisition: Simultaneous 12 leads
Resolution: 12bit/1000Hz
Operation mode: Manual/Auto/Analysis Modes
Filter: AC.EMG Filter
Drift filter: Anti-Drift System
CMRR: ≥100dB, with AC Filter
Input circuit: Floating, Protection against defibrillator effect
Input circuit current: ≤0.1μA
Drift filter: Anti-Drift System
CMRR: ≥100dB, with AC Filter
Input circuit: Floating, Protection against defibrillator effect
Input circuit current: ≤0.1μA
Input Impedance: >50MΩ
Patient current leakage: <10μA
Calibrating voltage: 1mV±3%
Voltage tolerance: ±500mV
Time constant: >3.2s
Frequent response: 0.05Hz~160Hz
Noise level: ≤15μVp-p
Threshold: ≤20μV
Paper speed: 25, 50mm/s (±3%)
Sensitivity: Auto, 2.5, 5, 10, 20, 40mm/mV
Recorder: High resolution thermal printer
Safety standard: GB9706.1-2007, IEC Class I, Type CF

Specifications:

3 channel ECG machine with measurement
Manual/Auto/Arrhythmia Analysis Modes
80mm 3-ch recording with rhythm lead
Built in rechargable Li-Ion battery 14.4V (2200mAh)
Adapt to 110-230V, 50/60HZ AC power supply
Real-time ECG waveform, cases save/replay
Built in USB/RS232 interface (ECGNET software optional)
Package: 40cm×34cm×22cm GW: 4.6KG NW: 1.7KG
320×240 graphic 5.7inch LCD, 16cases save/replay

- *Jadex-ECG-6A1 Digital Electrocardiograph*

Features:

Lead: Standard 12 leads
Acquisition: Simultaneous 12 leads
Resolution: 12bit/1000Hz
Operation mode: Manual/Auto/Analysis Modes
Filter: AC.EMG Filter
Drift filter: Anti-Drift System
CMRR: ≥100dB, with AC Filter
Input circuit: Floating, Protection against defibrillator effect
Input circuit current: ≤0.1μA
Drift filter: Anti-Drift System
CMRR: ≥100dB, with AC Filter
Input circuit: Floating, Protection against defibrillator effect
Input circuit current: ≤0.1μA
Input Impedance: >50MΩ
Patient current leakage: <10μA
Calibrating voltage: 1mV±3%
Voltage tolerance: ±500mV
Time constant: >3.2s
Frequent response: 0.05Hz~160Hz
Noise level: ≤15μVp-p
Threshold: ≤20μV
Paper speed: 25, 50mm/s (±3%)
Sensitivity: Auto, 2.5, 5, 10, 20, 40mm/mV
Recorder: High resolution thermal printer
Safety standard: GB9706.1-2007, IEC Class I, Type CF

Specifications:

Portable 6 channel ECG machine
Manual/Auto/Arrhythmia Analysis Modes
112mm 3/6 channel format recording
Built in rechargable Li-Ion battery 14.4V (2200mAh)
Adapt to 110-230V, 50/60HZ AC power supply
Real-time ECG waveform, cases save/replay
Built in USB/RS232 interface (ECGNET software optional)
Package: 40cm×34cm×22cm GW: 4.6KG NW: 1.7KG
320×240 graphic 3.8 inch LCD

- *Jadex-ECG-6A2 Digital Electrocardiograph*

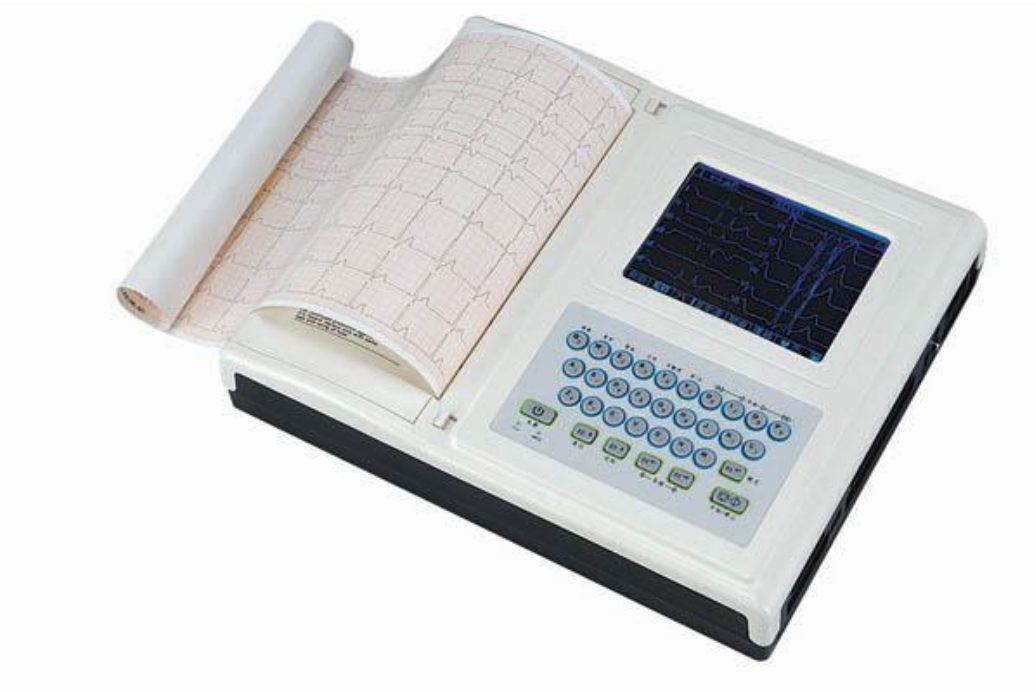
Features:

Lead: Standard 12 leads
Acquisition: Simultaneous 12 leads
Resolution: 12bit/1000Hz
Operation mode: Manual/Auto/Analysis Modes
Filter: AC.EMG Filter
Drift filter: Anti-Drift System
CMRR: ≥100dB, with AC Filter
Input circuit: Floating, Protection against defibrillator effect
Input circuit current: ≤0.1μA
Drift filter: Anti-Drift System
CMRR: ≥100dB, with AC Filter
Input circuit: Floating, Protection against defibrillator effect
Input circuit current: ≤0.1μA
Input Impedance: >50MΩ
Patient current leakage: <10μA
Calibrating voltage: 1mV±3%
Voltage tolerance: ±500mV
Time constant: >3.2s
Frequent response: 0.05Hz~160Hz
Noise level: ≤15μVp-p
Threshold: ≤20μV
Paper speed: 25, 50mm/s (±3%)
Sensitivity: Auto, 2.5, 5, 10, 20, 40mm/mV
Recorder: High resolution thermal printer
Safety standard: GB9706.1-2007, IEC Class I, Type CF

Specifications:

Portable 6 channel ECG machine
Manual/Auto/Arrhythmia Analysis Modes
112mm 3/6 channel format recording
Built in rechargable Li-Ion battery 14.4V (2200mAh)
Adapt to 110-230V, 50/60HZ AC power supply
Real-time ECG waveform, cases save/replay
Built in USB/RS232 interface (ECGNET software optional)
Package: 40cm×34cm×22cm GW: 4.6KG NW: 1.7KG
320×240 graphic 5.7inch LCD, 16cases save/replay

- *Jadex-ECG-12A Digital Electrocardiograph*



Features:

Lead: Standard 12 leads
Acquisition: Simultaneous 12 leads
Resolution: 12bit/1000Hz
Operation mode: Manual/Auto/Analysis Modes
Filter: AC.EMG Filter
Drift filter: Anti-Drift System
CMRR: ≥100dB, with AC Filter
Input circuit: Floating, Protection against defibrillator effect
Input circuit current: ≤0.1μA
Drift filter: Anti-Drift System

CMRR: ≥100dB, with AC Filter
Input circuit: Floating, Protection against defibrillator effect
Input circuit current: ≤0.1μA
Input Impedance: >50MΩ
Patient current leakage: <10μA
Calibrating voltage: 1mV±3%
Voltage tolerance: ±500mV
Time constant: >3.2s
Frequent response: 0.05Hz~160Hz
Noise level: ≤15μVp-p
Threshold: ≤20μV
Paper speed: 25, 50mm/s (±3%)
Sensitivity: Auto, 2.5, 5, 10, 20, 40mm/mV
Recorder: High resolution thermal printer
Safety standard: GB9706.1-2007, IEC Class I, Type CF

Specifications:

Portable 12 channel ECG machine
Manual/Auto/Arrhythmia Analysis Modes
Alphabetic keyboard for patient information
Built in rechargable Li-Ion battery 14.4V (4400mAh)
Adapt to 110-230V, 50/60HZ AC power supply
Real-time ECG waveform, cases save/replay
Built in USB/RS232 interface (ECGNET software optional)
Package: 40cm×34cm×22cm GW: 5.9KG NW: 3.2KG
320×240 graphic 5.7inch LCD, 16cases save/replay

- Jadex-ECG-100G Digital Single Channel ECG

Features

• High-resolution thermal printing array system
• Frequency response is as high as 150Hz
• Capable of printing continuously on channel trace and annotations including lead mark and parameter such as sensitivity, paper speed and filter operation status
• High resolution digital filter inhibits baseline drift without affecting ECG waveform
• One-touch operation
• Concept of floating input circuit meets IEC safety standard
• Rechargeable battery supporting more than 50 patient examinations
• Lead Standard: 12 leads

Specifications

Input Circuit: Floating; Protection against Defibrillator effect
Lead: Standard 12 Leads, Lead change automatically
Patient Current Leakage: <10μA
Input Impedance: ≥10????
Calibrating Voltage: 1mV±3%
A/D Conversion: 12 bit
Frequency Response: 0.05Hz~150Hz (IEC)
Time Constant: >3.2seconds
CMRR: >80dB; >100dB (with filter)
EMG Filter: 35Hz (-3dB) / 25Hz (-3dB)
Sensitivity:1/2, 1, 2 (cm/mV), Conversion Deviation≤5%
Recording System: Thermal-array; 8 dots/mm (vertical), 16 dots/mm (horizontal, 25mm/sec)
Paper Speed: 25, 50mm/s±3%
Recording Paper: 50mm,20m, high-speed roll
Input Circuit Current: ≤50nA
Safety Standard: IEC class I, type CF
Power Supply: AC: 220V / 110V, 50/□0Hz; DC: 12V rechargeable battery
Skin Voltage Tolerance: ±300mV
Noise Level: <15uVp-p
Dimens□ons: 310mm×230mm×70mm
Dimension of Packing: 400mm×280mm×160mm
Weight: 2.75kg

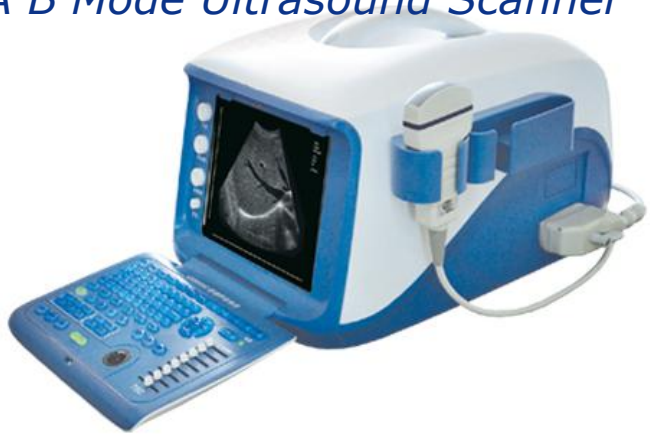
- *Jadex-ECG-300G Digital Three Channel ECG*

Features

High resolution thermal printing system, high precision
12 leads collection in phase as well as 3 leads printing in phase
Digital design and filter, baseline auto-adjustable.
LCD displays operation menu .DC/AC auto-exchange
Automatic measurement, analysis and diagnosis with high speed
Elegant and compact outlook, with inner handhold.

Ultrasound Scanner

- *Jadex-6000A B Mode Ultrasound Scanner*



Suitable for scanning and diagnosing the superficial organs, abdomen, heart and OB/GYN.	
Digital signal imaging technology.	
Scanning Modes: Convex, Micro Convex and Linear Array.	
8 stages of STC adjustment for any point in the image.	
8 frame correlations, offering clear edge, reduced side lobe artifacts.	
17 multi-section and dynamic focusing.	
Emission Focus of near-field, near & central field, central & far field and far field selectable to get optimized resolution.	
10 inch VGA monitor.	
Optical Trace Ball.	
Voltage and current surge protector.	
Gray scale: 256.	
Depth scope: 0-200 mm.	
Body marks: 16.	
OB/GYN software package and Cardiac software package.	
Character input/display: magnification, time, date, frequency, patient's ID, age, sex and automatically pregnancy calculating.	
Display Modes: B, B/B. B/M, M.	
Amplification: 1.0, 1.2, 1.5, 2.0	
Standard configuration: Main Unit, 2.5/3.5/4.0/5.0 MHz abdomen probe(Convex Probe).	
Options:	7.5/8.0 MHz High Frequency Linear Probe.
	6.5/7.0 MHz Trans-vaginal Probe.
	Thermal paper printer.
	Color output system.

- *Jadex-6000B B Mode Ultrasound Scanner*

Applicable to the diagnosis of heart, liver, gallbladder, kidney, spleen, stomach, pancreas, thyroid, breast, matrix, bladder, ovary, eyes, spermary and superficial skin. It is a linear or convex formation, multi-purpose ultrasonic diagnose instrument.
STC adjustment with digital step control for any points in the image, which enable the doctor to get ideal image
Focus method: adjustable caliber, 17 step dynamic combined focusing and acoustic penetrating mirror focusing
No flash interference as line scanning is applied
mode of display: B, B+B, B+M, M
Emission focus of near-field, near &central field, central &far field and far field selectable to get optimized resolution
Image processing: 8 frame-relation treatments and 8 γ calibrations for different image demands
Power supply has over voltage, over current and sudden power disconnection protection mechanism.
Gray step: 256
Scanning method: electronic
Image amplification: ×1.0, ×1.2, ×1.5, ×2.0

Measurements: distance, surface, foetal weight, circumference, gynecology and heart function software package	
Body location label: 16 body location label with probe position	
Character description: date, time, serial number, age, sex, frequency, amplification, focused position and note available	
Color display function for stomach and intestine inspection	
Detecting depth: 200mm	
Specialized stone-smashing software package	
One 2.5/3.5/4.0/5.0MHz, Multi-frequency, broad band, Convex Probe.	
Standard configuration:	Main unit, 14" high resolution black/white VGA Monitor, 2.5/3.5/4.0/5.0MHz Convex Probe.
Options:	Cine loop, 64 frames, play, back-play, searching and freezing function available.
	optional 3 different functional probes.
	Timely color display work station.

- *Jadex-6000C B Mode Ultrasound Scanner*

	Applicable to the diagnosis of heart, liver, gallbladder, kidney, spleen, stomach, pancreas, thyroid, breast, matrix, bladder, ovary, eyes, spermary and superficial skin. It is a linear or convex formation, multi-purpose ultrasonic diagnose instrument.
	STC adjustment with digital step control for any points in the image, which enable the doctor to get ideal image
	Focus method: adjustable caliber, 17 step dynamic combined focusing and acoustic penetrating mirror focusing
	No flash interference as line scanning is applied
	Mode of display: B, B+B, B+M, M
	Emission focus of near-field, near &central field, central &far field and far field selectable to get optimized resolution
	Image processing: 8 frame-relation treatments and 8 γ calibrations for different image demands
	Power supply has over voltage, over current and sudden power disconnection protection mechanism.
	Gray step: 256
	Scanning method: electronic
	Image amplification: ×1.0, ×1.2, ×1.5, ×2.0

	Measurements: distance, surface, foetal weight, circumference, gynecology and heart function software package
	Body location label: 16 body location label with probe position
	Character description: date, time, serial number, age, sex, frequency, amplification, focused position and note available
	Color display function for stomach and intestine inspection
	Detecting depth: 200mm
	Specialized stone-smashing software package
	One 2.5/3.5/4.0/5.0MHz, Multi-frequency, broad band, Convex Probe.
Standard configuration	Main unit, 2 monitors(14" high resolution black/white VGA Monitor & 17" LCD color Monitor), 2.5/3.5/4.0/5.0MHz Convex Probe.
Options	Cine loop, 64 frames, play, back-play, searching and freezing function available.
	Optional 3 different functional probes.
	Timely color display work station.

- *Jadex-6000D B Mode Ultrasound Scanner*

Applicable to the diagnosis of heart, liver, gallbladder, kidney, spleen, stomach, pan creas, thyroid, breast, matrix, bladder, ovary, eyes, spermary and superficial skin. I t is a linear or convex formation, multi-purpose ultrasonic diagnose instrument.
STC adjustment with digital step control for any points in the image, which enable the doctor to get ideal image
Focus method: adjustable caliber, 17 step dynamic combined focusing and acoustic penetrating mirror focusing
No flash interference as line scanning is applied
Mode of display: B, B+B, B+M, M
Emission focus of near- field, near &central field, central &far field and far field selectable to get optimized resolution
Image processing: 8 frame- relation treatments and 8 γ calibrations for different image demands
Power supply has over voltage, over current and sudden power disconnection protec tion mechanism.
Gray step: 256
Scanning method: electronic
Image amplification: ×1.0, ×1.2, ×1.5, ×2.0
Measurements: distance, surface, foetal weight, circumference, gynecology and heart function software package
Body location label: 16 body location label with probe position

Character description: date, time, serial number, age, sex, frequency, amplification, focused position and note available	
Color display function for stomach and intestine inspection	
Detecting depth: 200mm	
Specialized stone-smashing software package	
One 2.5/3.5/4.0/5.0MHz, Multi-frequency, broad band, Convex Probe, one 7.5/8.0MHz High Frequency Linear Probe and one 6.5/7.0MHz Transvaginal Probe.	
Standard configuration	Main unit, 2 monitors(14" high resolution black/white VGA monitor, 17" LCD color monitor), 3 probes(2.5/3.5/4.0/5.0MHz Convex Probe, 6.5/7.0MHz Vaginal & 7.5/8.0MHz High Frequency Linear Probe), SONY or MITSUBISHI Printer.
Options	Cine loop, 64 frames, play, back-play, searching and freezing function available.
	Optional 3 different functional probes.
	Timely color display work station.

- *Jadex-6000E Superb Digital Ultrasound System*

Sound power: 16 steps adjustable.	
Emission focusing: 16 emission focusing, 4 in process at one time.	
B Mode Image display method	Real time or frozen images.
	Left/right and up/down scanning.
Preset checking modes: abdomen, gynecology, obstetrics, heart, small parts.	
Gray Scale: 256	
Image processing	Pre-processing: dynamic area changing, edge strengthen, smooth processing, frame correlation, linear average.
	Back-processing: gray scale control, gray scale change, gamma adjustment, 8 IP parameters combination optional.
STC adjustment	B, M modes independent STC adjustment.
	8 steps TCC adjustable.
Cine loop: 128 frames automatic/manipulating cine loop.	
Measurement /calculation	B mode general calculation: distance, circumference, area, volume, rate, straitness rate, remained urine, angle, section image, rectangle image.
	M mode general calculation: distance, time, speed, heart rate.
	Obstetrics calculation: pregnancy week, fetus and birth day calculation, left ventricle function calculation.
Storage function: Hard disk documents (IMG), Cine loop documents (CIN), Screen documents (BMP), soft driver, USB ports.	
Video ports: PAL format signal output. Monitor: 14 inch VGA monitor.	

- *Jadex-6000F Digital Ultrasound Diagnostic Imaging System*

With the display function of B, 2B, BM, M, 4B. in B/M, M mode, the scanning velocity is adjustable;
With 8 level multiplication and part magnification.
Set total gain, brightness, contrast adjusting, and adjust 8 TGC at each level. Puncturing guide function can proof the position of puncturing thread.
Can measure distance, area, heart, and volume and gynecology table, can measure heart rate directly.
The users can save 1024 images permanently. This machine supports 192 frame cine memories.
The image are with the functions of up/down, right/left inv.
Set total gain, brightness, contrast adjusting, adjust 8 TGC at each level.
Having the function of Puncturing.
Cove the function of color interface and rainbow.
Have the function of body mark and annotation.
Has the function of preset. You can set the time, hospital name, measurement formula and rainbow.
Scanning mode: Convex /linear/micro-convex array of electronics
Work frequency: 2.5-7.5 MHz
Probe: 3.5 MHz convex array frequency changeable
Monitor: 10 inch XGA color monitor
Scanning width: convex array 60o
Scanning depth: 170 mm~230mm(depends on probes)
Gain range: 39-99dB can be adjusted continuously
Scanning velocity: 30 f/s
Gray scale: 256
Vertical resolution≤1 mm
Horizontal resolution ≤2 mm;
Geometrical position error: ≤4%
Power requirement: AC 90~240VFrequency: 50Hz±2%Hz

- *Jadex-380 Color Doppler Ultrasound Diagnosis System*

Real face to clinical ultrasound diagnosis.	
Simple the complex operating process.	
Fully match the requirements of the most practical clinical functions.	
With solutions of updatable digital system	
Scanning Techniques	Electronic linear scanning; Convex scanning; Annular array sector scanning; Doppler pencil probes
Scan Mode	2D (B mode), TM (M mode), PW, CW.CFM
Display Mode	Single frame B/ Dual-frame B/ Quad-frame B
Cine-loop	282 2D images, 128 color images
Gray Scale; Color Shade	256 white-black gray scale
	128 color shade
3D reconstruction technology: provide most practical 3D reconstruction software packing	
Digital image file management and network communication system	
80G main unit hard-disk, disk and CD memory, USB connector, DICOM output and input	
Ultrasound workstation	
Probe connector : 3	
17 inches high-resolution color monitor	
Probes	Probes for abdomen; cardiology; small parts; perivascular; galactophore; pediatric; muscle cadre; endocavitary (vaginal, rectum), transcranial. Common probes can together with piercing shelf.
	Probe characteristic----exceed wide frequency band (1.5-18MHz), multi-frequency
	Probe types----Convex; Linear; Annular sector; Pencil
	Probe application----multi-frequency; multi-technology (M.M.T)

- *Jadex-60 Live 4D Ultrasound*

Light probe releases doctors from scanning fatigue	
Vibration & Noise-free probe allows better care for mother and fetus	
Tomography Imaging TM (multi-slice) function ensures more accurate diagnosis into each slice	
4D volume rate reveals fetal movement in real time	
Probes	4D Volume, V4C40L(4.5MHz)
	Frequency : multi-frequency
PT60 LIVE (standard package)	Digital Color Doppler Platform
	4D standard package
	15 inch LCD assembly
	CD writer
	2 probe connectors
4D Standard Package	Dedicated 4D volume Probe V4C40L
	4D imaging processing software

	MPR (Multi-planar review)
	Tomograghy imaging TM(multi-slice, curved multi-slice)
	Niche
	4D archieve system
	4D measurement package
	2D probes: convex, linear, transvaginal, phased array, pediatic
	I-image
Options	DICOM 3.0
	B&W Video printer, color video printer, PC printer
	DVD writer
	Biopsy Kits

- *Jadex-3000D2 Full Digital PC-based Ultrasound Scanner*

Applicable fields
Suitable for the diagnosis of Abdomen, Cardiac, Gynecology, Obstetrics, Thyroid Gland, Small Organs, Urology and so on.
Widely used for clinical examination and diagnosis. They are the ideal equipments to meet the needs of various kinds of hospitals and clinics.
Leading Digital Technologies
DBF: Digital Beam Forming
RDA: Real-time dynamic aperture imaging

DRA: Dynamic real-time acoustic apodizer
DRF: Dynamic receiving focus
DFS: Dynamic frequency scanning, frequency range: 2.0-12.0MHz, 4 kinds of scaning frequencies
Advantages
Embedded computer platform is adopted in the ultrasonic master system
THI
DFC Dynamic frequency scanning
Histogram, Sectionl drawing, Puncture guide
Save hundreds of thousands of images and cine loop permanently
Dynamic real-time PIP local zoom functions
Double connectors
Double USB ports
Multiple kinds of OB. measurement reports, fetus physiological grades and reports and fetus growth curve
Auto-create report systems of Gyn., small organs, cardiac, urology and other sections
Compatible of jet printer, laser printer, video printer and video recorder
Image Processing
Display mode: B, 2B, 4B, B/M, M
Image precess technologies: controllable frame correlation, Gamma correction, edge enhancement, image smoothing, image denoisiong, automatical gain adjustment, up/down, left/right and black/white conversation
Dynamic Range: 100Db, 4 steps of switches
Image magnification, stepless magnification, dynamic real-time PIP local zoom functions
Cine loop: 256 frame auto/manual cine loop; multi screens cine loop (4B, 9B); auto/manual cine loop under B/M and M mode
Image management system: the functions of pigeonholing, browsing, comparing, saving, printing and transferring images; as many as hundreds of thousands of images and thousands of cine loop could be saved; saved images could be operated by full-screen browse under slide mode.
Software Functions
Measurement and calculation: measure perimeter and area by distance or ellipse method; measure perimeter and area by track method; measure body surface area and volume by ellipse method. 4 measure sticks; rate measure; linear stenosis ratio, area stenosis ratio, angle measure. All calculations are automatic.
Assist tools: puncture guide, histogram, sectionl drawing
Menu manage interface, real time online support and navigation clew system, image fore-set and one-key optimization functions

Auto-measure software of OB., Gyn., small organs, cardiac, urology and others:
OB.: BPD, CRL, GS, HA, AC, HC, FL, APAD, TAD, FTA, HUMERUS, OFD, THD, TIBIA, ULNA, FI, LIMP, BBT, FBP
Gyn.: uterus diameter, intima thickness, ovary colume, regnant ovarian follicle, length of cervix long-diameter, uterine
Small organs: thyroid gland, hip joint
Cardiac: AOD, LAD, IVSTd, LVIDd, AA, LAD/AOD, LVPWd, LVIDs, EF, EF SLP, CA/CE, MVCF, CO, CI, LVMWI, AVSV, FS, ACV, ET, SV, SI, LVMW, QMV
Urology: remained urine sample, prostate,PSAD
Presetting system for diagnosis and measurement formulas. Different formulas could be set according to different races.
Patient cases database systems. All the data could be saved, searched and managed
Multiple kinds of OB. measurement reports, fetus physiological grades and reports and fetus growth curve
Auto-create report systems of Gyn., small organs, cardiac, urology and other sections
Standard Configuration
Main unit
10.4 inches SVGA high resolution non-interlaced monitor
256 frame auto and manual cine loop; multi screens cine loop (4B, 9B); auto and manual cine loop under B/M and M mode
Two probe connectors
Two USB ports
3.5MHz R60/R50 electronic convex transducer(2.0 or 5.0MHz)
Optional
7.5MHz L40 linear probe (6.5 or 8.5MHz, multi-frequency)
6.5MHz R10/R13 trans-vaginal probe (5.0 or 7.5MHz, multi-frequency)
3.5MHz R20 cardiac probe (2.5 or 5.0MHz, multi-frequency)
Trolley
Jet printer, Laser printer, Video printer and video recorder
Relative extended ports
VGA, S-Video, TV video port
USB2.0 port, 2G saving card
RJ-45 network port
Multiple kinds of saving modes are all supported, containing soft disk, hard disk, falsh disk, CF card, SD card and others.
Compatible of jet printer, laser printer, video printer and video recorder

- *Jadex-3000E1 Full Digital Ultrasound Scanner*

Applicable Fields
Suitable for the diagnosis of Abdomen, Heart, Gynecology, Obstetrics, Thyroid Gland, Small Parts and so on.
Widely used for clinical examination and diagnosis. They are ideal equipments to meet the needs of various kinds of hospitals and clinics.
Leading Digital Technologies
DBF: Digital Beam Forming
RDF: Real-time Dynamic Filtering
DFS: Dynamic Frequency Scanning
RDA: Real-time Dynamic Aperture
Advantages
THI Frequency
Histogram
Double connectors
Double USB ports
LCD display
Features
Laptop design
15 inches high-resolution LCD
8 TGC controls
High-quality images
Broadband multi-frequency transducers

Cineloop
Two USB ports
Two connectors
Pseudo Colors
Image Processing
2D images
The functions of frame correlation, 8 kinds of Y Adjustments, edge enhancement held, as well as the functions of pretreatment, post processing, left-right reversing and up-down reversing
Image displaying ratio: magnification which can be increased. Local zooming functions held
Digital Beam Forming
Histogram
THI Frequency
Software Functions
General measurement: distance, circumference, area, oval, trace, volume, HR, gestational week
Obstetric measurement soft: GS, CRL, BPD, AC, HC, FL, AFI, EDD, and calculating fetus weight, pregnancy week, expected delivery date, fetal physiological rating according to the previous measurements
Standard Configuration
Main unit
15 inches high-resolution LCD
256-frame cineloop
Two probe connectors
Two USB ports
3.5MHz electronic convex transducer (2.5/5.0MHz)
Optional
Electronic transvaginal transducer (5.0 or 7.5MHz)
Electronic high-frequency linear transducer (6.5 or 8.5MHz)
Trolley
Video Printer
Specifications

Display	15 inches high-resolution LCD
Scanning Mode	Electronic convex array, Electronic linear array
Display Mode	B, B-B, B-M and M
Magnification	x0.8, x1.0, x1.2, x1.3, x1.5, x1.6, x1.8, x2.0
Gray Scale	256
Y Adjustment	A, B, C, D, E, F, G,H
Resolution	Horizontal≤2mm, Vertical≤1mm
Geometrical Precision	≤5%
Blind Area	≤3mm
TGC	8-section TGC adjustment
Pseudo Colors	Yes
Display Depth	240mm and depth could be increased
Image Polarity	Left/right, positive/negative and up/down
Cineloop	Successive 256 frames
Output Interface	Three output interfaces: 1 VGA and 2 PAL video signal output
Power Supply Range	AC 110V60Hz, 220V50Hz

Defibrillator

- *Jadex-9000A Defibrillator*

Non-synchronizer: outlife defibrillator
Sine wave: monophasic technology
Energy: 0, 20, 50, 100, 160, 250, 300, 360 joule
Charging time: at 360J less than 10 sec
Paddle options: reusable external adult paddles
Power: the mains (AC)and with its built-in battery

- *Jadex-9000B Defibrillator*

ECG
ECG lead: I, II, III, Avr, Avl, Avf, V1~V6
S-T segment analysis: -2.0~2.0mv
Protection: Withstand 4000vAc/50Hz voltage in isolation and work against electrisurgical interfere and defibrillation
ECG lead/cable: General lead/cable for adult, pediatric and neonatal patients
NIBP
Method: Automatic oscillation
Working mode: Manual/Automatic
Measurement range: Adult 10~250mmHg
Pediatric10~250mmHg
Neonatal 10~135mmHg
Temperature (TEMP)
Measurement range: 20~45°C
Resolution: 0.1°C
Respiration (RESP)
Measurement method thoracic impedance
SpO_2
Display: SpO_2 value, pulse histogram, waveform, Pulse
Range: 0~99%for adult, pediatric and neonatal patients
Probe: standard adult finger clip
Optional: pediatric Y-type clip and neonatal wrap
Pulse
Pulse range: 0~300bpm
Pulse accuracy: ±2bpm
Defibrillator
Non-synchronizer: outlife defibrillator
Sine wave: monophonic technology
Energy: 0, 20, 50, 100, 160, 250, 300, 360 joule
Charging time: at 360J less than 10 sec
Paddle options: reusable external adult paddles
Power
Main power (AC) and built-in battery

- *Jadex-9000C Defibrillator*

ECG:
ECG lead: I, II, III, a VR, a VL, a VF, V1-V6
S-T segment analysis: –2.0-2.0mv
Protection: withstand 4000v AV/50HZ voltage in isolation and work against electrosurgical interfere and defibrillation.
ECG lead/cable: general lead/cable for adult, pediatric and neonatal patients
NIBP:
Method: automatic oscillation
Working mode: manual/automatic
Measure: adult: 10-250mmHg
pediatric: 10-200mmHg
neonatal: 10-135mmHg
TEMP:
Measurement range: 20-45°C
Resolution: 0.1°C
SpO_2:
Display: SpO_2 value, pulse histogram, waveform, pulse
Range: 0-99% for adult, pediatric and neonatal patients
Probe: adult finger clip(standard)
Optional: pediatric Y-type clip and neonatal wrap
Pulse:
Pulse range: 0-300bpm
Pulse accuracy: ±2bpm
Defibrillator:
7 inch TFT display
SYNC and Non-synchronizer: outlife defibrillator
Sine wave: monophonic technology
Energy: 0, 20, 50,100,160,250,300,360 joule
Charging time: at 360J less than 10sec
Paddle options: reusable external adult and infant paddles
Power:
Main power (AC) and built-in battery

- *Jadex-9000D Defibrillator*

ECG:
ECG lead: I, II, III, a VR, a VL, a VF, V1-V6
S-T segment analysis: –2.0-2.0mv
Protection: withstand 4000v AV/50HZ voltage in isolation and work against electrosurgical inference and defibrillation.
ECG lead/cable: general lead/cable for adult, pediatric and neonatal patients

Defibrillator:
7 inch TFT display
Sync and Non-synchronizer: outlife defibrillator
Sine wave: monophonic technology
Energy: 0, 20, 50,100,160,250,300,360 joule
Charging time: at 360J less than 10sec
Paddle options: reusable external adult and infant paddles

Power:
Main (AC) and with built-in battery

Pulse Oximeter

- *Jadex-50D Fingertip Pulse Oximeter*

- *Jadex-50DL Fingertip Pulse Oximeter*

- *Jadex-50F Wearable Digital Pulse Oximeter*

- *Jadex-60A Hand-Held Pulse Oximeter*

Features

- Probe can be used for: adult, child
- Can be used in: hospital, home, community medical treatment, sports healthcare, etc.
- Can measure SPO2 and PR accurately
- SPO2 and PR display, PR waveform and bargraph display
- Battery voltage indicator
- Friendly Operation Menu for The Function Setting
- Backlight
- Pulse sound function
- Alarm function; can SETupper and lower limits.
- interface to Computer, software can analyse, store and print the data.(optional)
- Function switch used to activate measurement and turn off power; function key for menu setting
- Low power consumption
- Small volume(109(L) × 95(W) ×40(H) mm), light,convenient to carry

Surgical Suction Units

Surgical Suction unit: Jadex-23

Adopting oil-free piston pump

Clean-without pollution of oil and smoke

Convenient-no need add oil to maintain daily

Safe-no plus pressure during using

No flow backwards pressure when the machine stops, so the liquid won't flow backwards

7A-23B type of electric suction apparatus adopts completely plastic panel design, which makes it more fancy and fashionable.

The device of intercepting oil for circumfluence can reduce the oil pollution.

Easy to carry, low noise, high negative pressure and large flux.

It can be widely applied in the surgical operations, which needs to absorb phlegm etc thick liquids and other occasions, which need negative pressure suction.

Principle technical data:

Power Voltage: AC220V±22V

- Surgical suction unit

Jadex-novela senseo

Novela Senseo is a full automatic surgical suction unit.
When the first jar is full, system selects the second jar automatically.
After filling the second jar, system stops itself and prevents the leakage of waste liquid.

- 60 L/min flow rate
- Automatic jar selecting system
- Two collecting jars
- Overfilling system for preventing liquid leakage
- Oil free, maintanence free vacuum pump
- Alluminium main body
- Different jar options
- Dimensions (WxLxH): 430x460x820 mm

- Surgical suction unit

Jadex-novela

- 60 L/min flow rate
- Two collecting jars
- Jar selecting lever
- Overfilling system for preventing liquid leakage
- Oil free, maintanence free vacuum pump
- Alluminium main body
- Different jar options
- Dimensions (WxLxH): 430x460x820 mm

Jar Options	Capacity	
Glass	3 L	5L
Plastic	3 L	5 L
Disposable	3L	

- Surgical suction unit

Jadex- novela extractor

- 60 L/min flow rate
- Two collecting jars
- Jar selecting lever
- Overfilling system for preventing liquid leakage
- Oil free, maintanence free vacuum pump
- Alluminium main body
- Extractor pedal for delivery by Malmstrom-Thore Method
- Different jar options
- Dimensions (WxLxH): 430x460x820 mm

Jar Options	Capacity	
Glass	3 L	5L
Plastic	3 L	5 L
Disposable	3L	

- Lipectomy suction unit

Jadex- 6D

- 100 L/min flow rate
- 2x3 L plastic collecting jars
- Overfilling system for preventing liquid leakage
- Oil free, maintanence free vacuum pump
- Dimensions (WxLxH): 420x510x875 mm

- Portable suction unit

Jadex- 2 / Jadex-2S

- 22 L/min air flow
- 1.5 L collecting jar
- Overfilling system for preventing liquid leakage
- Optional bag & accessories
- Bacteria filter
- Starbase trolley with five castors (2S)
- Dimensions (WxLxH): 160x365x345 mm

- Rechargeable suction unit

Jadex- 1R

- Battery powered suction unit
- 22 L/min air flow
- 1.5 L collecting jar
- Overfilling system for preventing liquid leakage
- Bacteria filter
- Dimensions (WxLxH): 160x365x345 mm

- Ambulance type suction unit

Jadex- AMB

- 12 L/min air flow
- 1.5 L collecting jar
- Battery powered suction unit
- Battery can be recharged via automobile lighter adapter
- Ambulance recharger kit included
- Bacteria filter
- Dimensions (WxLxH): 160x365x345 mm

- Thermotic drainage pump

Jadex- 9

- Electronic timer adjusting start-stop period
- 2 or 3 L plastic collecting jar
- With water manometer
- 22 L/min flow rate
- Overfilling system for preventing liquid leakage
- Bacteria filter

- Hand hold type suction unit

Jadex- 25

- 410 mmHg vacuum capacity
- 250 mL collecting jar
- Dimensions (WxLxH): 60x205x190 mm

- Automatic toutniquet device

Jadex- 10

- Microprocessor controlled
- Digital display for adjustable pressure and timer
- Alarm system for last 10 min / 5 min / 1 min
- Colored and adjustable cuffs for different sizes
- Alarm for system failure