TECHNICAL SPECIFICATION

Ventilation mode

P-CMV, V-CMV, P-SIMV, V-SIMV, PSV, PRVC, SIGH, MANUAL

Ventilator parameter range

Tidal volume(Vt)	0, 10 mL ~ 1500 mL
Frequence(Freq)	4 /min ~ 100 /min
I:E	4:1 ~ 1:10
PEEP	0 cmH_2O ~ 30 cmH_2O
Rapid oxygen supply	25 L/min ~ 75 L/min
Pressure trigger	-1 cmH_2O ~ -20 cmH_2O
Flow trigger	0.3 L/min，1 L/min ~ 15 L/min
Pressure support	3 cmH_2O ~ 50 cmH_2O
Pressure limit	10 cmH_2O ~ 100 cmH_2O
Inspiration apnea	OFF, 5 % ~ 60 %
Inspiration time	0.2 s ~ 5 s
Trigger	5 % ~ 95 %
SIMV frequency	4 /min ~ 60 /min
Rise time	0 s ~ 2 s

Monitoring parameter

Frequence（Freq）	0 /min ~ 100 /min
Tidal volume (Vt)	0 mL ~ 2500 mL
Minute volume	0 L/min ~ 99.9 L/min
Oxygen concentration	15 % ~ 100 %
Airway pressure	-20 cmH_2O ~ 100 cmH_2O
Inspiration platform pressure	0 cmH_2O ~ 100 cmH_2O
PEEP	0 cmH_2O ~ 70 cmH_2O
I:E	4:1 ~ 1:10

Packing size

Wooden case packing size	L 870 * W 1000 * H 1600 mm
G.W.	240 KG
N.W.	165 KG
CBM	1.392 m^3

Alarm and protection

VT upper limit	5 mL ~ 2000 mL
VT lower limit	0 mL ~ 1995 mL
MV upper limit	0.1 L/min ~ 100 L/min
MV lower limit	0.0 L/min ~ 99.9 L/min
Respiration frequency upper limit	2 /min ~ 100 /min
Respiration frequency lower limit	0 /min ~ 98 /min
FIO_2 upper limit	20 % ~ 100 %
FIO_2 lower limit	18 % ~ 98 %
Airway pressure upper limit	2 cmH_2O ~ 100 cmH_2O
Airway pressure lower limit	0 cmH_2O ~ 98 cmH_2O
Apnea	20 s ~ 40 s
Oxygen concentration never lower than 25% when N_2O start	

Testing

Automatic leakage compensation testing
Patient circuit leakage compensation and automatic compliance compensation
Patient monitor and AG monitor can be equipped
Manual ventilation, mechanical ventilation and standby
Oscillogram: P-T, F-T, V-T, Lung function loop, $ETCO_2$
Self-testing visible
Alarm visible
ACGO function

Oscillogram

P-T (pressure-time)
F-T (flow-time)
V-T (volume-time)
$ETCO_2$-T ($ETCO_2$-time)
P-V loop (pressure-volume loop)
F-V loop (flow-volume loop)
F-P loop (flow-pressure loop)

Other models for your reference：





Anesthesia System

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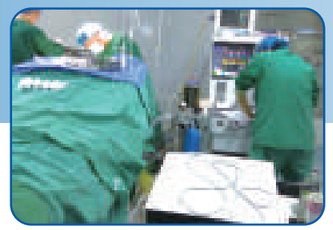
Anesthesia System



Application

The Anesthesia machine makes a good performance in Intensive Care Units (ICU), Operation room, Anesthesiology Department and other departments.

Professional design for adult, children and neonatal inhalation anesthesia and respiratory management, with advanced ventilation modes. Outstanding ergonomic design, it ranks high level in safty, stability and convenience as well as user experiences.

This latest model with the highest technology, more comfortable for doctors and more safety for patients.

Trust point

- Patient Centered Ventilation: Precision in an anesthesia ventilator, from conventional ventilation to advanced modes and adapt to wide range patient.
- Safty design: Vaporizer with temperature, pressure, flow compensation and self-lock function. Real time pressure-time, flow-time loop oscillogram and high precision $ETCO_2$, O_2 concentration detection function included.
- Alarm: 13 alarms to make sure the safety. Three level alarm system, visual and sound alarm information.
- Built-in battery ensure 2-3 hours using when power failure.
- Visible self-checking system: Make sure the safety of all parts.
- Before setting parameters, choose freely type of patients: adult, children and neonatal. Also preset the age of patient.
- Separate design of electric circuit and gas circuit ensure long using life.
- Language: 8 languages for exchange including Chinese, English, Spanish, French, Russian, Turkish, German, Portuguese.

15" TFT LCD touch screen

Extra-large screen, high sensitivity touch give you better operating experience.
Displays the Ventilation parameters, Alarm information and Oscillograms.

Built-in electronic flowmeter

High precision flowmeter, instantly know the fresh gas flow to your patient.
O_2 and N_2O linkage device ensure O_2 concentration no less than 25%.

O_2 and air supply

Provide fresh oxygen or air to the patient for independent use.

Breathing circuit and bellow

Integration breathing circuit and bellow design, ensure easy operating and keep tidy. With bypass and heating function.

Oxygen concentration detector

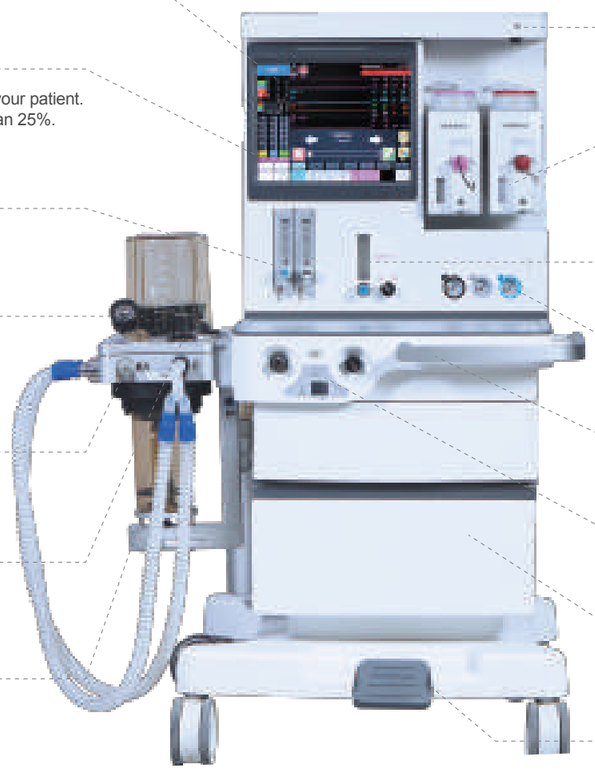
Real-time monitoring of oxygen concentration for safety.

APL valve

Decompression automatic to ensure safety.

CO_2 absorber 1.5L

With bypass function and heating function, can be directly disassembled and replaced the Soda Lime during operation. Make sure the comfort level of patients and also avoid backflow of condensate water.



LED top light

Convenient for endoscopy operation.

Vaporizer

Accurately delivers a calibrated flow,
Halothane, Enflurane, Isoflurane, Sevoflurane for choice.
Suitable for low flow anesthesia, save cost.

Mechanical flowmeter

Emergency situation and spare-use for doctor.

Pressure gauge

Real time pressure.

Handle

Easy and safety transport.

ACGO and fast oxygen supply

Emergency situation and revival after operation.

Drawer

2 drawers with large capacity.

Pedal and central brake system

User friendly design convenient for keep the machine stable.

6 auxiliary plugs

Plugs of monitors can be inserted.

VGA RS232 USB connector and $ETCO_2$

Connect with hospital's system and output patient information.
End-tidal carbon dioxide concentration monitoring, real-time understanding of the state of the patient.

AGSS (optional part)

To enhance the safety of the environment in which members of staff in close proximity with waste anesthetic gases and vapors (agents) work.

Other optional parts

Anesthetic gas monitor, Vital signs monitor:
Real-time monitoring of anesthetic gas and patient's physiological condition.

TECHNICAL SPECIFICATION

Ventilation mode

IPPV, A/C, PCV,PSV, SIMV, SIGH, MANUAL

Ventilator parameter range

Flowmeter	O_2 (0.1 ~ 10 L/min)
	N_2O (0.1 ~ 10 L/min)
	AIR (0.1 ~ 10 L/min)
Rapid oxygen supply	25 L/min ~ 75 L/min
Tidal volume(Vt)	0, 20 mL ~ 1500 mL
Frequence（Freq）	1 /min ~ 100 /min
I:E	4:1 ~ 1:8
PEEP	0 cmH_2O ~ 30 cmH_2O
Pressure triggering sensitivity（PTr）	-20 cmH_2O ~ 0 cmH_2O (Based on PEEP)
Flow trigger sensitivity （FTr）	0.5 L/min ~ 30 L/min
Pressure control (PC)	5 cmH_2O ~ 60 cmH_2O
SIGH	0 (off) 1/100 ~ 5/100
Apnea ventilation	OFF, 5 s ~ 60 s
Pressure limit	20 cmH_2O ~ 100 cmH_2O

Monitoring parameter

Frequence（Freq）	0 /min ~ 100 /min
Tidal volume (Vt)	0 mL ~ 2000 mL
MV	0 L/min ~ 100 L/min
Oxygen concentration	15 % ~ 100 %

Oscillogram

P-T (pressure – time)

F-T (flow – time)

V-T (volume – time)

$ETCO_2$ -T ($ETCO_2$ – time)

P-V loop (pressure – volume loop)

Alarm and protection

The AC power failure alarm	Power failure or no connection
Internal battery backup low voltage alarm	< 11.3 ± 0.3 V
No tidal volume	≤ 5 mL within 6 s
High oxygen concentration alarm	19% ~ 100%
Low oxygen concentration alarm	18% ~ 99%
High airway pressure alarm	20cmH_2O ~ 100cmH_2O
Low airway pressure alarm	0cmH_2O ~ 20cmH_2O
High minute volume alarm	Adult (5 L/min ~ 20 L/min)
Low minute volume alarm	Paed (1 L/min ~ 15 L/min, 0 ~ 10 L/min)
Continuous pressure alarm	(PEEP+1.5kPa) over 16s
Suffocation warning	5s-60s no spontaneous ventilation
The maximum limited pressure	＜12.5 kPa
Fan error	Show on screen
Oxygen deficit	Show on screen

Working condition

Gas source	O_2, N_2O, AIR
Pressure	280 kPa ~ 600 kPa
Voltage	100 ~ 240 V
Power frequency	50/60 Hz

Packing size

Wooden case packing size	L 870 * W 890 * H 1510 mm
G.W.	195 KG
CBM	1.17 m^3
Anesthesia machine size	L 930 * W 750 * H 1405 mm
N.W.	124 KG

Other models for your reference：

Anesthesia System

ADULT · PEDIATRIC

Friendly Powerful Reliable

Anesthesia System

Application

The Anesthesia machine makes a good performance in Intensive Care Units (ICU), Operation room, Anesthesiology Department and other departments.

Professional design for adult, child and infant inhalation anesthesia and respiratory management, with advanced ventilation modes. Outstanding ergonomic design, it ranks high level in safty, stability and convenience as well as user experiences.

This high-end model combine proven ventilation technology with the latest refinements in ergonomics and systems integration with an advanced, easy to use anesthesia table designed together with experienced experts to streamline your anesthesia workflow.

Trust point

- Patient Centered Ventilation: Precision in an anesthesia ventilator, from conventional ventilation to advanced modes and adapt to wide range patient.
- Safty design: Vaporizer with temperature, pressure, flow compensation and self-lock function. Real time pressure-time, flow-time loop oscillogram and high precision $ETCO_2$, O_2 concentration detection function included.
- Alarm: Three level alarm system, visual and sound alarm information.
- Power: Built-in battery ensure 2-3 hours using when power failure.
- Separate design of electric circuit and gas circuit ensure long using life.
- Flexible configurations able to customize your requirements.
- Designed and manufactured by our team with over 25 years experience in this area.

10.4″ LCD touch screen

Displays the Ventilation parameters, Alarm information and Oscillogram.
High sensitivity touch screen ensures accurate and easy operation.
Alternate button for dual control.

Electronic flowmeter

High precision flowmeter, instantly know the fresh gas flow to patient.
O_2 and N_2O linkage device ensure O_2 concentration no less than 25%.

Bellow

Integrated bellow 0mL-1500mL.
Suitable for all range patients.

APL valve

Automatic decompression to ensure safety.

$ETCO_2$

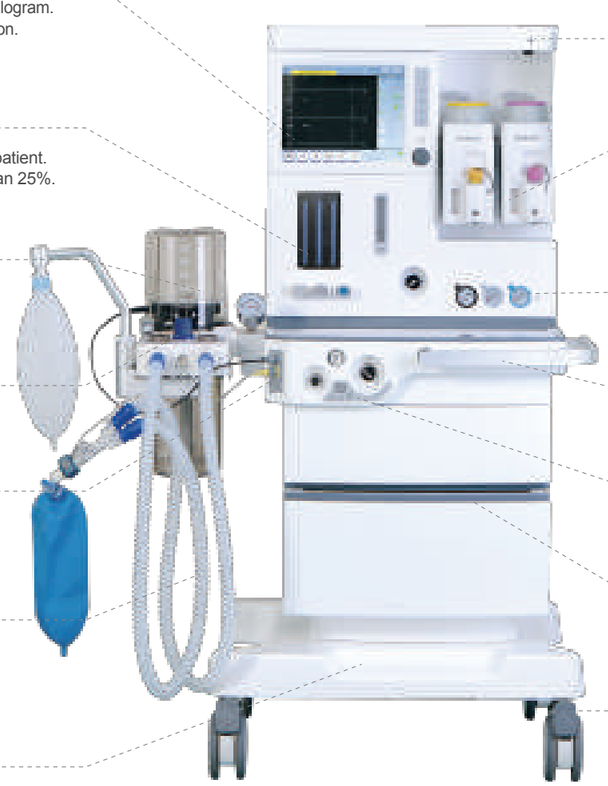
End-tidal carbon dioxide concentration monitoring, real-time understanding of the patient state.

Breathing circuit

Integrated breathing circuit design.
Breathing tube resistants high temperature sterilization.
Ensure easy operating and keep tidy.

Pedal

User-friendly design convenient for doctors to relax foot.
Central brake is optional.



LED top light

Convenient for endoscopy operation.

Vaporizer

Accurately delivers a calibrated flow,
Halothane, Enflurane, Isoflurane, Sevoflurane for choice.
2 vaporizers for standard.
Suitable for low flow anesthesia, save cost.

Pressure gauge

Real time pressure for Air, O_2, N_2O from central gas supply and gas cylinders.

Handle

Easy and safety transport.

ACGO and fast oxygen supply

Emergency situation and revival after operation.

Drawer

2 drawers with large capacity for storing accessories.

Caster

Diameter : 125mm,
2 individual brakes of 4 casters.

Optional part 1

Anesthetic gas monitor, Vital Signs Monitor：
Real-time monitoring of anesthetic gas and patient's physiological condition.

Optional part 2

AGSS: To enhance the safety of the environment in which members of staff in close proximity with waste anesthetic gases and vapors (agents) work.

TECHNICAL SPECIFICATION

Ventilation mode

IPPV, A/C, PCV, SIMV, SIGH, MANUAL

Ventilator parameter range

Flowmeter	O_2 (0.1～10 L/min)
	N_2O (0.1～10 L/min)
	AIR (0.1～10 L/min)
Rapid oxygen supply	25 L/min～75 L/min
Tidal volume(Vt)	0, 20 mL～1500 mL
Frequence	1 /min～100 /min
I:E	4:1～1:8
PEEP	0 cmH_2O～30 cmH_2O
Pressure triggering sensitivity（Ptr）	-20 cmH_2O～0 cmH_2O (Based on PEEP)
Flow trigger sensitivity （Ftr）	0.5 L/min～30 L/min
Pressure control (PC)	5 cmH_2O～60 cmH_2O
SIGH	0 (off) 1/100～5/100
Apnea ventilation	OFF，5s～60s
Pressure limit	20 cmH_2O～100 cmH_2O

Monitoring parameter

Frequence（Freq）	0 /min～100 /min
Tidal volume(Vt)	0 mL～2000 mL
MV	0 L/min～100 L/min
Oxygen concentration	15 %～100 %

Oscillogram

P-T (pressure – time)
F-T (flow – time)
P-V loop (pressure – volume loop)

Alarm and protection

The AC power failure alarm	Power failure or no connection
Low voltage alarm for back up battery	＜11.3±0.3V
No tidal volume	≤5mL within 6s
High oxygen concentration alarm	19%～100%
Low oxygen concentration alarm	18%～99%
High airway pressure alarm	20 cmH_2O～100 cmH_2O
Low airway pressure alarm	0 cmH_2O～20 cmH_2O
High minute volume alarm	Adult (5 L/min～20 L/min)
	Paed (1 L/min～15 L/min)
Low minute volume alarm	0～10 L/min
Continuous pressure alarm	(PEEP+1.5 kPa) over 16s
Suffocation warning	5s～60s no spontaneous ventilation
The maximum limited pressure	＜12.5 kPa
Fan error	Show on screen
Oxygen deficit	Show on screen

Working condition

Gas source	O_2, N_2O, AIR
Pressure	280 kPa～600 kPa
Voltage	100～240V
Power frequency	50/60 Hz

Packing size

Wooden case packing size	L 920* W 970* H 1380mm
G.W.	156KG
N.W.	102KG
CBM	1.23m³

Other models for your reference:

Anesthesia System

ADULT · PEDIATRIC *Friendly Powerful Reliable*

Cherish your life, Cherish your health!

Anesthesia System

Application

The Anesthesia machine makes a good performance in Intensive Care Units (ICU), Operation room, Anesthesiology Department and other departments.

Professional design for adult, child and infant inhalation anesthesia and respiratory management, with advanced ventilation modes. Outstanding ergonomic design, it ranks high level in safty, stability and convenience as well as user experiences.

This comfortable classic model, easy to use and be designed together with experienced experts to streamline your anesthesia workflow.

10.4” screen

Flowmeter

Breathing circuit

Pressure gauge

Bellow

APL valve

Halothane: 0～5% Enflurane: 0～5% Isoflurane: 0～5% Sevoflurane: 0～8%

1 pc vaporizer for standard, max 2 pcs.

Trust point

- Simplicity: 4 static casters with self-locking function.
- Precision in an anesthesia ventilator with multiple ventilation modes: IPPV, A/C, PCV, SIMV, SIGH and MANUAL.
- Flexible configurations able to customize your requirements.
- International standard and advanced technology suitable for wide range use.
- Compact interface and big screen give you better operating experience.
- Over 5,000 units are installed in more than 200 countries.
- Designed and manufactured by our team with over 25 years of experience in ICU field.

Feature

- 10.4” TFT LCD screen displays the Ventilation parameters, Alarm information and Oscillogram.
- High precision flowmeter, instantly know the fresh gas flow to your patient.
- Integrated breathing circuit design, ensure easy operating and keep tidy.
- Multiple working modes such as volume control and pressure limit, adapt to wide range patient.
- Vaporizer with temperature, pressure, flow compensation and self-lock function, keep safety anytime.
- Multiple parameters monitoring interface, make every parameter clear, let users know the patient conditions in all aspects.
- Pressure-time, low-time loop oscillogram and high precision $ETCO_2$, O_2 concentration show in real time.
- Vital sign monitor and anesthetic gas monitor are optional.
- $ETCO_2$ module and Anesthesia Gas Scavenging System (AGSS) are optional.

Safety

- Three level alarm system, visual and sound alarm information.
- With multiple type of alarm, reminder and protection functions.
- Advanced power management control technology.
- Built-in backup battery provide the emergency power supply to the unit.
- Low O_2 pressure alarm and N_2O cut-off protection.

Anesthesia System

ADULT · PEDIATRIC *Friendly Powerful Reliable*

Application

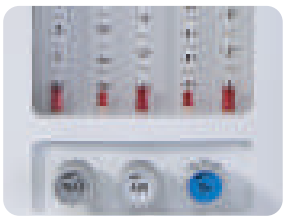
The Anesthesia machine makes a good performance in Intensive Care Units (ICU), Operation room, Anesthesiology Department and other departments. This model is designed for ease of use, incorporating basic function and the maximum patient safety in daily anesthesia practice. Professional design for adult, child and infant inhalation anesthesia and respiratory management,with advanced ventilation mode. Combine proven ventilation technology with the latest refinements in ergonomics and systems integration with an advanced, easy to use anesthesia table designed together with experienced experts to streamline your anesthesia workflow.

Feature

- Simplicity: 4 static casters with self-locking function.
- Precision in an anesthesia ventilator with multiple ventilation modes: IPPV, A/C, SIMV, SIGH and MANUAL.
- 10.4” TFT LCD screen displays the Ventilation parameters, Alarm information and Oscillogram.
- Vaporizer with temperature, pressure, flow compensation and self-lock function, keep safety anytime.
- Pressure-time, low-time and high precision $ETCO_2$, O_2 concentration show in real time.
- $ETCO_2$ and Anesthesia Gas Scavenging System (AGSS) are optional.
- Built-in backup battery provide the emergency power supply to the unit.
- Low O_2 pressure alarm and N_2O cut-off protection.
- Over 5,000 units are installed in more than 200 countries.
- Designed and manufactured by our team with over 25 years of experience in ICU field.

Cherish your life, Cherish your health!

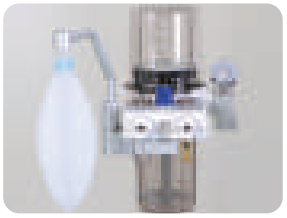
10.4” screen



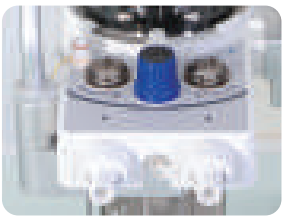
Flowmeter

Breathing circuit

Pressure gauge



Bellow



APL Valve

TECHNICAL SPECIFICATION

Ventilation mode

IPPV, A/C, SIMV, SIGH, MANUAL

Ventilator parameter range

Flowmeter	O_2 (0.1～10 L/min)
	N_2O (0.1～10 L/min)
	AIR (0.1～10 L/min)
Rapid oxygen supply	25 L/min～75 L/min
Tidal volume (Vt)	0, 20 mL～1500 mL
Frequence（Freq）	1 /min～100 /min
I:E	2:1～1:6
PEEP	0 cmH_2O～30 cmH_2O
Pressure triggering sensitivity (Ptr)	-20 cmH_2O～0 cmH_2O (Based on PEEP)
Flow trigger sensitivity （Ftr）	0.5 L/min～30 L/min
SIGH	0 (off) 1/100～5/100
Apnea ventilation	OFF，5s～60s
Pressure limit	20 cmH_2O～100 cmH_2O

Monitoring parameter

Frequence（Freq）	0 /min～100 /min
Tidal volume (Vt)	0 mL～2000 mL
MV	0 L/min～100 L/min
Oxygen concentration	15 %～100 %

Oscillogram

P-T (pressure – time)

F-T (flow – time)

Packing Size

Wooden case packing size	L 920*W 970*H 1380mm
G.W.	156KG
N.W.	102KG
CBM	1.24m³

Alarm and protection

The AC power failure alarm	Power failure or no connection
Low voltage alarm for back up battery	＜11.3±0.3V
No tidal volume	≤5mL within 6s
High oxygen concentration alarm	19%～100%
Low oxygen concentration alarm	18%～99%
High airway pressure alarm	20 cmH_2O～100 cmH_2O
Low airway pressure alarm	0 cmH_2O～20 cmH_2O
High minute volume alarm	Adult (5 L/min～20 L/min)
	Paed (1 L/min～15 L/min)
Low minute volume alarm	0～10 L/min
Continuous pressure alarm	(PEEP+1.5 kPa) over 16s
Suffocation warning	5s～60s no spontaneous ventilation
The maximum limited pressure	＜12.5 kPa
Fan error	Show on screen
Oxygen deficit	Show on screen

Working condition

Gas source	O_2, N_2O, AIR
Pressure	280 kPa～600 kPa
Voltage	100～240V
Power frequency	50/60 Hz

Halothane: 0～5% Enflurane: 0～5% Isoflurane: 0～5% Sevoflurane: 0～8%

1 set vaporizer in standard,max 2 sets.

TECHNICAL SPECIFICATION

Ventilation mode

IPPV, A/C, SIMV, SIGH, MANUAL

Ventilator parameter range

Flowmeter	O_2 (0.1 ~ 10 L/min)
	N_2O (0.1 ~ 10 L/min)
	AIR (0.1 ~ 10 L/min)
Rapid oxygen supply	25 L/min ~ 75 L/min
Tidal volume (Vt)	0, 20 mL ~ 1500 mL
Frequence (Freq)	1 /min ~ 100 /min
I:E	2: 1 ~ 1: 6
PEEP	0 cmH_2O ~ 30 cmH_2O
Pressure triggering sensitivity (PTr)	-20 cmH_2O ~ 0 cmH_2O (Based on PEEP)
Flow trigger sensitivity (FTr)	0.5 L/min ~ 30 L/min
Pressure control (PC)	5 cmH_2O ~ 60 cmH_2O
SIGH	0 (off) 1/100 ~ 5/100
Apnea Ventilation	OFF, 5 s ~ 60 s
Pressure Limit	20 cmH_2O ~ 100 cmH_2O

Monitoring parameter

Frequence（Freq）	0 /min ~ 100 /min
Tidal volume (Vt)	0 mL ~ 2000 mL
MV	0 L/min ~ 100 L/min
Oxygen concentration	15 % ~ 100 %

Oscillogram

P-T (pressure – time)

V-T (volume – time)

Alarm and protection

The AC power failure alarm	Power failure or no connection
Internal battery backup low voltage alarm	< 11.3 ± 0.3 V
No tidal volume	≤ 5 mL within 6 s
High oxygen concentration alarm	19% ~ 100%
Low oxygen concentration alarm	18% ~ 99%
High Airway pressure alarm	20 cmH_2O ~ 100 cmH_2O
Low Airway pressure alarm	0 cmH_2O ~ 20 cmH_2O
High Minute Volume alarm	Adult (5 L/min ~ 20 L/min)
Low Minute Volume alarm	Paed (1 L/min ~ 15 L/min, 0 ~ 10 L/min)
Continuous Pressure alarm	(PEEP+1.5 kPa) over 16s
Suffocation warning	5 s ~ 60 s no spontaneous ventilation
The maximum limited pressure	<12.5 kPa
Fan error	Show on screen
Oxygen deficit	Show on screen

Working condition

Gas source	O_2, N_2O, Air
Pressure	280 kPa ~ 600 kPa
Voltage	100 ~ 240 V
Power frequency	50/60 Hz

Packing size

Wooden case packing size	L 810 * W 1060 * H 1540 mm
G.W.	150 KGS
N.W.	96 KGS
CBM	1.33 m^3

Other models for your reference：

Anesthesia System

ADULT · PEDIATRIC

Friendly Powerful Reliable

Anesthesia System

Application

The Anesthesia machine makes a good performance in Intensive Care Units (ICU), Operation room, Anesthesiology Department and other departments. It is designed for ease of use, incorporating basic function and the maximum patient safety in daily anesthesia practice. Professional design for adult, child and infant inhalation anesthesia and respiratory management, with advanced ventilation modes. Combine proven ventilation technology with the latest refinements in ergonomics and systems integration with an advanced, easy to use anesthesia table designed together with experienced experts to streamline your anesthesia workflow.

Screen

7" screen displays information area, alarm area, monitoring area and setting area.
2-3 hours built-in backup battery.
Intelligent three level alarming system with 14 alarm, visual and sound alarm information.
2 oscillograms: P-T, V-T

Pressure gauge

Pressure gauge shows pressure of centre gas system or gas cylinder.

Bellow

1500mL can applied to different patients.
Volume of absorber: 1.5 L
Integrated design makes installation easily.

Oxygen sensor

Oxygen sensor makes sure accurate parameters.

Brake

4 casters with 2 individual brakes.

Vaporizer

One or dual-position
Choice: Halothane, Enflurane, Isoflurane, Sevoflurane
1 set vaporizer for standard, max 2 sets.

Mechanical flowmeter

5 Mechanical flowmeters: O_2, Air, N_2O.
Fine control: 0.1-1 L/min
Coarse control: 1-10 L/min

ACGO and fast oxygen supply

Emergency situation and revival after operation.

Optional

AGSS
Gas gauge for gas cylinders
Vital sign monitor, anaesthetic gas monitor
Hand held $ETCO_2$ monitor or Vital sign monitor with $ETCO_2$
3 Yokes

Trust point

- Providing customers with high quality and cost-effective anesthesia machine.
- The team is a group of experienced and dedicated professionals with a passion for more than 20 years.
- We listen to our customers and integrate their insights in our machine development. Flexible configurations to suit customers' needs.
- Countless feedback from customers give good reviews.
- Advanced one button switch of manual provides convenient electronic controlling interchanges.
- High precision flowmeter, instantly know the fresh gas flow to your patient.
- Integrated breathing circuit design, ensure easy operating and keep tidy.
- Multiple working modes such as volume control and pressure limit, adapt to wide range patient.
- Vaporizer with temperature, pressure, flow compensation and self-lock function, keep safety anytime.
- Real time pressure-time, flow-time loop oscillogram and high precision O_2 concentration detection function included.

TECHNICAL SPECIFICATION

Ventilation mode

IPPV, A/C, SIMV, SIGH, MANUAL

Ventilator parameter range

Flowmeter	O_2 (0.1～10 L/min)
	N_2O (0.1～10 L/min)
Rapid oxygen supply	25 L/min～75 L/min
Tidal volume (Vt)	0, 20 mL～1500 mL
Frequence	1 /min～100 /min
I:E	2:1～1:6
PEEP	0 cmH_2O～30 cmH_2O
Pressure triggering sensitivity（Ptr）	-20 cmH_2O～0 cmH_2O (Based on PEEP)
Flow trigger sensitivity （Ftr）	0.5 L/min～30 L/min
SIGH	0 (off) 1/100～5/100
Apnea ventilation	OFF，5s～60s
Pressure limit	20 cmH_2O～100 cmH_2O

Alarm and protection

The AC power failure alarm	Power failure or no connection
Low voltage alarm for back up battery	＜11.3±0.3V
No tidal volume	≤5mLwithin 6s
High oxygen concentration alarm	19%～100%
Low oxygen concentration alarm	18%～99%
High airway pressure alarm	20 cmH_2O～100 cmH_2O
Low airway pressure alarm	0 cmH_2O～20 cmH_2O
High minute volume alarm	Adult (5 L/min～20 L/min)
	Paed (1 L/min～15 L/min)
Low minute volume alarm	0～10 L/min
Continuous pressure alarm	(PEEP+1.5 kPa) over 16s
Suffocation warning	5s～60s no spontaneous ventilation
The maximum limited pressure	＜12.5 kPa
Fan error	Show on screen
Oxygen deficit	Show on screen

Monitoring parameter

Frequence	0 /min～100 /min
Tidal volume (Vt)	0 mL～2000 mL
MV	0 L/min～100 L/min
Oxygen concentration	15 %～100 %

Working condition

Gas source	O_2, N_2O
Pressure	280 kPa～600 kPa
Voltage	100～240V
Power frequency	50/60 Hz

Packing size

Wooden case packing size	L 740* W 800* H 1460mm
G.W.	98KG
N.W.	66KG

Oscillogram

P-T (pressure – time)

F-T (flow – time)

Other models for your reference:

Anesthesia System

ADULT · PEDIATRIC *Friendly Powerful Reliable*

Cherish your life, Cherish your health!

Anesthesia System

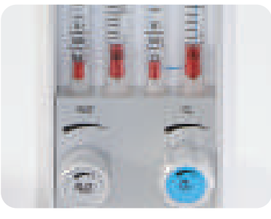
Halothane: 0～5% Enflurane: 0～5% Isoflurane: 0～5% Sevoflurane: 0～8%

1 set vaporizer in standard,max 2 sets.

Application

The Anesthesia machine makes a good performance in Intensive Care Units (ICU), Operation room, Anesthesiology Department and other departments. This model is designed for ease of use, incorporating basic function and the maximum patient safety in daily anesthesia practice. Professional design for adult, child and infant inhalation anesthesia and respiratory management, with advanced ventilation mode. Combine proven ventilation technology with the latest refinements in ergonomics and systems integration with an advanced, easy to use anesthesia table designed together with experienced experts to streamline your anesthesia workflow.

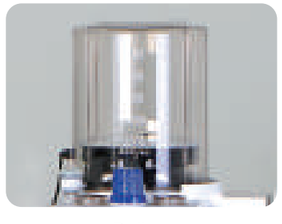
7” TFT screen



Flowmeter

Breathing circuit

Pressure gauge



Bellow

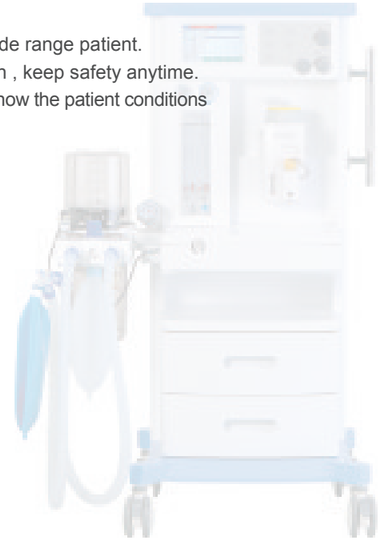
APL valve

Trust point

- Providing customers with high quality and cost-effective anesthesia machine.
- Our team is a group of experienced and dedicated professionals with a passion for more than 25 years. We listen to our customers and integrate their insights in our machine development.Flexible configura-
- tions to suit customers’ needs.
  Countless feedback from customers give good reviews.
- Real time pressure-time, flow-time loop Oscillogram and high precision O_2 concentration detection
- function included.

Feature

- 7” TFT LCD screen displays the Ventilation parameters, Alarm information and Oscillogram.
- High precision flowmeter, instantly know the fresh gas flow to your patient.
- Integrated breathing circuit design, ensure easy operating and keep tidy.
- Multiple working modes such as volume control and pressure limit, adapt to wide range patient.
- Vaporizer with temperature, pressure, flow compensation and self-lock function , keep safety anytime.
- Multiple parameters monitoring interface, make every parameter clear, let users know the patient conditions in all aspects.
- Pressure-time, flow-time oscillogram show in real time.
- Vital sign monitor and Anesthetic gas monitor are optional.



Safety

- Three level alarm system, visual and sound alarm information.
- With multiple type of alarm, reminder and protection functions.
- Advanced power management control technology.
- Low O_2 pressure alarm and N_2O cut-off protection.