Visor
Healthcare Solutions

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Aspiration 5

Anesthesia Machine

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ISO13485

Various ventilation modes for comprehensive ventilation designed to meet different medical needs depending on the patient's condition and the goals of treatment so as to provide efficient and safe ventilation.

Available Ventilation Modes:

Volume Control Ventilation (VCV)

Pressure Control Ventilation (PCV)

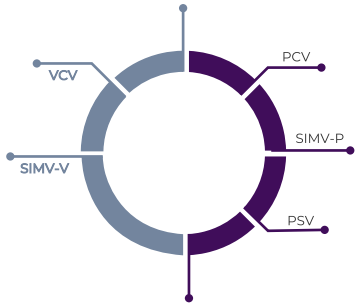
Synchronized Intermittent Mandatory Ventilation (SIMV-V)

Synchronized Intermittent Mandatory Ventilation (SIMV-P)

Pressure Support Ventilation (PSV)

Manual/SPONT

Ventilation Modes

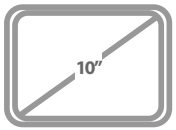


Integrated design of the breathing circuit with simplified connections ensures no exposed cables and enhances functionality, safety and efficiency while minimizing complexity to provide precise ventilation for adult and paediatric patients

Advanced Online By-Pass Technology in this machine allows for the safe and efficient replacement of soda lime in the circle absorber canister without causing leakage issues. This innovative feature enables seamless switching of the absorbent material while maintaining a continuous flow of gases through the system

Patient Type

Touch Screen Display



Aspiration 5

Anesthesia Workstation

Technical Specification

Configurations

Dimensions	Height (With casters)	1337mm
	Width	784mm
	Depth	630mm
Screen	10 inch TFT LCD touch screen	
Gas supply	O2, N2O - AIR (optional)	
By-pass	Standard	
ACGO	Standard	
Flowmeter	Mechanical 4 tubes (optional 6 tubes)	
Tidal Volume	20 - 1500ml	
Ventilator Software	Standard: VCV, PCV, MAN/SPONT Optional: SIMV-VC, SIMV-PC, PSV	
Spirometry loop	P-V,P-F,F-V	
Spare Cylinder yoke	O2 (optional), N2O (Optional), Air (Optional)	
Li-ion Battery	1 Battery, 6600mAh	
FiO2	18% - 100%	
Waveforms	P - T, F - T, V - T	
Auxiliary power outlets	3	
Wheels	4 wheels, 2 brakes	
Drawers	Standard: 1 drawer, Optional: 2 or 3 drawers	
Reading lamp	LED lighting Included	
Module Slots	2	
Built-in Heater	No	
O2 cell	Standard	
Vaporizer	2 Selectatec mount, 3rd mount optional	
Compatibility	Isoflurane, Sevoflurane, Enflurane, Halothane	
Optional	AGSS, 3rd Drawer, AG, EtCO2, PSI, SpO2	

Aspiration 5
Technical Specifications

Dimensions	630*784*1337 mm
Draw	Standard 1(Optional 2 or 3)
Casters	Four 100mm wheels with 2 separate brakes
Display	Screen:10.4 inch touch screen Resolution:800*600
Graphic waveforms	Pressure-Time、Flow-Time、Volume-Time、ETCO2-Time（Optional）
Numeric data	Tidal volume, Minute volume
Spirometry loops	Pressure-Volume、Flow-Volume、Pressure-Flow

Anesthetic Gas Delivery System

CO2 Absorber capacity:	1500ml
APL scope:	MIN ~ 60cmH2O
Bypass function	Yes
ACGO function	Yes

Ventilator Specification

Ventilator Mode:	VCV,PCV,MAN
Optional Ventilator Mode:	SIMV-VC、SIMV-PC、PSV

Control Parameter	***Range***	***Accuracy***
Tidal volume (Vt)	20-1500ml	±10ml+10% set value
Pressure Limit (Plimit)	5-70cmH_2O	±2cmH_2O+4% set value
Pressure insp.(Pinsp)	5-70cmH_2O	±2cmH_2O+4% set value
Prressure support(Psup)	3-60cmH_2O	±2cmH_2O+4% set value
Positive end-expiratory pressure(PEEP)	OFF,3-30cmH_2O	±2cmH_2O+4% set value
Respiratory frequency (Freq)	4-100/min	±1/min or 10% set value
Inspiratory pause (Tip: Ti)	0-60%	±15%
Inspiratory/expiratory time ratio (I: E)	1:10-10:1	±15%
Inspiratory time(Tinsp)	0.5-5.0s	±0.2s+10% set value
SIMV respiratory frequency(Freq)	4-20/min	±1/min or 10% set value
Flow trigger	0-20L/min	±1L/min +15% set value
Pressure trigger	0-20cmH_2O	±2cmH_2O

Monitoring Parameter	***Range***	***Accuracy***
Tidal volume (Vt)	0-2000ml	±10ml+10% set value
Minute ventilation(MV)	0-30L	±1L/min+15% set value)
Respiratory frequency (Freq)	0-100/min	±1/min or 10% set value
Fraction of inspired oxygen(FiO_2)	18%-100%	±5% full scale
Air way peak pressure (PPeak)	0-100cmH_2O	±2cmH_2O+4% set value

Alarm Limits

FiO_2 high	21-100%
FiO_2 low	18-99%
Ppeak high	2-97 cmH_20
Ppeak low	1-96 cmH_2O
Vt high	20-1500 ml
Vt low	OFF,10-1490 ml
MV high	0.5-30L/min
MV low	0-10L/min
Freq high	4-99 bpm
Freq low	2-98 bpm
Apnea time	10-40s

Optional module

Module(Optional)	Mainstream,Sidestream ETCO2/AG Module/SpO2/Suction module/AGSS/Auxiliary Oxygen

Environmental Specifications

Working environment	
Temperature:	10°C ~ 40°C
Relative Humidity:	≤80 %,Non-condensing
Atmospheric Pressure:	70kPa ~ 106kPa
Storage and Transport Temperature:	-20°C ~ +55°C
Relative Humidity:	≤93%,Non-condensing
Atmospheric Pressure:	50kPa ~ 106kPa

Power Specification

Power Supply	
AC Power Source:	110-240V.Frequency 50/60 Hz. 6A
Input Power Fuse:	8A
Auxiliary Power Outlet:	3
Battery Information	
Type:	Built in Li-ion cell
No. of Cell:	1
Serving Time:	Not less than 120 minutes,new and fully charged
Charging Time:	8 hours typically

Pneumatic Specification

Pipeline Gas Supply	
Gas supplies (Pipeline):	Oxygen, N2O (280 - 600 kPa)
Optional gas supply	Oxygen,Air/Oxygen,Air,N2O
Optional Yoke	Oxygen/Oxygen, N2O/Oxygen,Air
Pipeline connections:	DISS/NIST
Pipeline Gas Supply Source Pressure (Gauge)	
Display range:	0~1.0MPa;
Precision:	±0.1MPa or reading ±4%, select the max value
Display:	Rotameter, O_2,N_2O, each gas has 2 virtual flow tube, Measure range 0.05 ~ 1 and 1 ~ 10 L/min.

O2 Flush

O2 flush flow rate range	25 to 75 L/min.

Auxiliary O2 Flowmeter(Optional)

Flow Range	0~15L/min
Accuracy	± 10%of the indicated value (between 10%and100%full range)

Mechanical Flow control system(Optional 6 tube mechanical flow meter)

O2 flow range	0.05~1L/min，1~10L/min
Air flow range	0.05~1L/min，1~10L/min
N2O flow range	0.05~1L/min，1~10L/min

CO2 Absorber Assembly

CO2 Absorber capacity:	1500mL

Vaporizer

Vaporizer Type	Enflurane,Isoflurane,Sevoflurane,Desflurane,Halothane
Vaporizer Positions	2 positions