

TECHNICAL DATA SHEET

Multifunctional LCD Display Anesthesia YSAV603A

Economy Type Multifunctional LCD Display Anesthesia YSAV603A

YSAV603A Anesthesia Machine, with its ergonomic design, integrates a concise and smooth structure and high mobility. The microcomputer-controlled Ventilator adopts exported sensors and other components. Its scientific and proper design as well as rigorous production process demonstrate the inner quality: mechanical ventilation is made secure and visible by the folded respiratory bellows, and the security of air supply is guaranteed by pneumatic transmission and measurement system. With multiple modern technologies applied, the Anesthesia Machine is both outstanding in performance and versatile in functions.

1.The Ventilator adopts microcomputer control with high-definition TFT color LCD display, integrating the functions of respiratory control and displaying the monitoring parameters. It is versatile in function and excellent in performance.

2.The high-precision Vaporizer is designed with a stable concentration output, automatic compensation for pressure, temperature and flow rate. And it is available to choose one kind of gas from Halothane, Enflurane, Isoflurane, and Sevoflurane, ensuring a successful anesthesia operation.

3.High-definition four-tube flowmeter, designed with stoppers for oxygen and nitrous oxide to control the output oxygen concentration.

4.Reliable pneumatic transmission system.

5.Economic and proper configuration of technologies, optional as required by the Customer.

6.Modularized design and upgrading. Upgrading is available as required by the Customer.

YSAV603A Specification

Main body

High-strength engineering plastic rack, light, beautiful and corrosion resistant

Scope of application

adult, child

Gas source

O₂: 0.27 ~ 0.55MPa N₂O: 0.27 ~ 0.55MPa

Flow meter

O₂: 0.1~1.0L/min 1.1~10L/min

N₂O: 0.1~1.0L/min 1.1~10L/min

O₂, N₂O linkage and N₂O Stopper

When using nitrous oxide, oxygen concentration>25%;

When the oxygen pressure<0.2Kpa, the flow of nitrous oxide would be cut off.

Flow rate of rapid oxygen supply

25~75L/min

Low oxygen pressure alarm

There will be sound alarm when the oxygen
pressure < 0.2MPa

Vaporizer

it has the function of automatic compensation based on
pressure, temperature, and flow rate. The regulation
range of evaporator concentration is 0~5 vol%. Among
Halothane, Enflurane, Isoflurane and Sevoflurane, one
can be chosen for application as required by the
customer. And vaporizers that are imported with original
packaging are also available.

Respiratory circuit

working mode: all-close, semi-close, semi-open

releasing pressure: 0.5~7 kPa

Respiratory Bellows

bellows for adults, bellows for children

tidal volume range: 0 ~ 1,500 ml

Ventilator

Display mode

High-definition TFT color LCD screen display

Ventilation mode

IPPV, SIPPV, SIMV, PEEP, MANUAL,

SIGH, (IMV, VCV, PCV)

Ventilation parameters

Tidal volume

50~1500 ml (20~1500 ml)

Rate

1~99 bpm

SIMV rate

2~20 bpm

I:E

2:1~1:8 (4:1~1:8)

Inspiratory trigger pressure

-1.0~2.0Kpa

PEEP

PressureRange

0~2.0Kpa

1.0~6.0Kpa

SIGH

1.5 times the inspiratory time (70-150 adjustable)

Inspiratory platform

0~50%

Parameters for ventilation monitoring tidal volume, ventilation volume, IPPV rate, SIMV rate, total respiratory rate, I/E, peak pressure of airway, average pressure, pressure - time waveform, flow rate - time waveform, PEEP, inspiratory trigger pressure, Inspiratory platform (autonomous inspiratory rate, lung compliance, airway resistance, flow-volume oop, pressure-volume loop)

Monitoring of oxygen concentration

21%~100%

Security Alarm System

Oxygen Concentration alarm

upper limit setting range 21%~100%

low limit setting range 10%~80%

Airway pressure alarm

upper limit setting range 0.3~6.0 kPa

low limit setting range 0.2~5.0 kPa

Per-minute ventilation volume alarm

upper limit setting range 3.0~30L/min

low limit setting range 1.0~10L/min

Sustained high-pressure alarm

it will give alarm when stress have consistently been higher than 2.5 kPa

Suffocation alarm

it will give sound and light alarm if there

is no tidal volume input for 15 seconds

Power alarm

Power

AC 220V $\pm$ 10% 50Hz $\pm$ 1Hz(UPS, Storage battery)

(Mechanical Arms)(End-expiratory CO₂ monitoring)

Items within brackets are optional.

Panama | Central America | Caribbean | CARICOM

Information from the authorized catalog. Confirm configuration, accessories and documentation in the quotation.

Assisted translation: review the manufacturer specifications before purchasing.