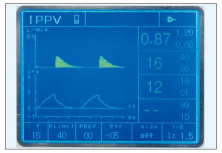
HF-560B$_4$ anesthesia machine

HF-560B$_4$ 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 are what demonstrate the inner quality of Aokai products: 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. supply. The machine brings together a number of technologies,is a machine of fine performance and compelete function.

- The Ventilator adopts microcomputer control with high-definition LCD display, integrating the functions of respiratory control and displaying the monitoring parameters. It is versatile in function and excellent in performance;
- The high-precision Vaporizer is designed with a stable concentration output, automatic compensation for pressure, temperature and flow rate.
- High-definition four-tube flowmeter, designed with stoppers for oxygen and nitrous oxide to control the output oxygen concentration;
- Reliable pneumatic transmission system;
- Economic and proper configuration of technologies, optional as required by the Customer;
- Modularized design and upgrading. Upgrading is available as required by the Customer.



High-definition LCD screen display

Perfect design of respiratory circuit with respiratory bellows

High precision flow control system, meets versatile applications, especially for low-flow anesthesia Backlight of flowmeter: provide help when the operating room is dark

It has the function of automatic compensation based on pressure, temperature, and flow rate.The regulation range of evaporator concentration is 0~5vol%. Among Halothane, Enflurane, Isoflurane and Sevoflurane, two can be chosen for application as required by the customer.

Anesthesia Machine

- Main body: High-strength engineering plastic rack, light, beautiful and corrosion resistant
- Scope of application: adult、child
- Gas source: O_2: 0.28~0.6MPa N_2O: 0.28~0.6MPa
- Rapid oxygen flow: O_2: 0.05~1.0L/min 1.1~10L/min; N_2O: 0.05~1.0L/min 1.1~10L/min
- O_2, N_2O linkage and N_2O Stopper: When using nitrous oxide, oxygen concentration>25%; When the oxygen pressure<0.2MPa, the flow of nitrous oxide would be cut off.
- Flow rate of rapid oxygen supply: 25~75L/min
- 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, two can be chosen for application as required by the customer. And vaporizers that are imported with original packaging are also available.
- Low oxygen pressure alarm: There will be sound alarm when the oxygen pressure < 0.2MPa
- Respiratory circuit: work mode: all close, semi-close, semi-open APL: ≤12.5kPa
- Respiratory Bellows: bellows for adults, bellows for children tidal volume range:0~1500ml

Ventilator

- Display mode: High-definition 5.7" LCD screen display
- Ventilation mode: IPPV, SIPPV, SIMV, MANUAL
- Ventilation function: PEEP, SIGH, IRV
- Ventilation parameters

Tidal volume	50~1500ml
Rate	2~99bpm
SIMV rate	2~20bpm
I : E	2:1~1:8
Inspiratory trigger pressure	-10 ~ 20cmH_2O
PEEP	2 ~ 20cmH_2O
Pressure limitation	10 ~ 60cmH_2O
SIGH	1.5 times the inspiratory time/100bpm

- Parameters for ventilation monitoring: tidal volume. Minute Ventilation volume. IPPV rate. SIMV rate. total respiratory rate. I/E. peak pressure of airway . pressure - time waveform. flow rate - time waveform. PEEP. inspiratory trigger pressure, average pressure, oxygen concentration, battery capacity
- Security Alert System

Oxygen concentration alarm	upper limit setting range	(21%~ 99%)
	low limit setting range	(18%~80%)
Airway pressure alarm	upper limit setting range	5~60cmH_2O
	low limit setting range	0~50cmH_2O
minute ventilation volume alarm	upper limit setting range	1~20L/min
	low limit setting range	0~19L/min
Tidal volume	upper limit setting range	100~1500ml
	low limit setting range	0~1400ml
Sustained high-pressure alarm	it will give alarm when stress have consistently been higher than 25cmH_2O	

Suffocation alarm, Power alarm, Intubation off alarm, battery voltage alarm

- Power: AC 220V 50Hz; UPS, Storage battery
- Mechanical Arms
- (End-tidal CO_2 monitoring)
- (Specific interface of waste anesthesia gas)

* Items within brackets are optional.