



ANESTHESIA MACHINE WITH VENTILATOR AM-AM34

Anesthesia Machine with Ventilator AM-AM34 is designed for use with both adult and pediatric patients. Users can easily operate the device via color touch screen, control knob and hard keys on the machine. Provided with latest refinements in ergonomics and systems integration with an advanced and easy to use anesthesia platform. Main body is made up of high strength plastic and resistance towards chemical adhesives. High precision vaporizer is designed with a stable concentration unit. High definition four tube flow-meter designed with stoppers for oxygen and nitrous oxide to control the output oxygen concentration.

Features

- ❑ Automatic compensation of pressure, temperature and flow-rate
- ❑ Reliable pneumatic transmission system
- ❑ Modularized design and upgrading
- ❑ Easy to use and easy to move with four wheels
- ❑ Compact interface and large screen give you better operating experience
- ❑ Advanced power management control technology
- ❑ Low oxygen pressure alarm and N₂O cut-off protection function

Technical Parameter

| Model | AM-AM34 |
|--|--|
| Gas source | O ₂ : 0.27 to 0.55MPa; N ₂ O: 0.27 to 0.55MPa |
| Flow meter | O ₂ : 0.1 to 1.0L/min, 1.1 to 10L/min N ₂ O: 0.1 to 1.0L/min, 1.1 to 10L/min |
| O ₂ , N ₂ O linkage and N ₂ O 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 to 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 to 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 |

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| Respiratory circuit | working mode: all-close, semi-close, semi-open releasing pressure: 0.5 to 7 Kpa |
| Respiratory bellows | bellows for adults, bellows for children tidal volume range:0 to 1,500 ml |

Part of ventilator

| Model | AM-AM34 |
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| Display Mode | High-definition 5.7" LCD screen display |
| Ventilation Mode | IPPV, MANUAL (Manual monitoring of tidal volume, ventilation volume, respiratory rate) |
| Tidal Volume | 50 to 1500ml |
| Rate | 2 to 99bpm |
| SIMV rate | 2 to 20bpm |
| I:E | 2:1 to 1:8 |
| Inspiratory trigger pressure | -1.0 to 2.0 kPa |
| PEEP | 0 to 2.0 kPa |
| Pressure Range | 1.0 to 6.0 kPa |
| SIGH | 1.5 times the inspiratory time |
| Parameters for ventilation monitoring | tidal volume, ventilation volume, IPPV rate, I/E, peak pressure of airway, inspiratory trigger pressure, pressure- time waveform |
| Monitoring of oxygen concentration | (21% to 100%) |
| Oxygen Concentration alarm | Upper limit setting range 50% to 100% Low limit setting range 15% to 50% |
| Airway Pressure Alarm | Upper limit setting range 1.0 to 6.0 Kpa low limit setting range 0.4 to 2.0 Kpa |
| Per-minute ventilation volume alarm upper limit setting range | upper limit setting range 3.0 to 30L/min low limit setting range 1.0 to 10L/min |

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| 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 | AC 220V±10%; 50Hz±1Hz;(UPS, Storage battery) |

Applications

- It is widely used in intensive care units, operation room, anesthesiology department and other departments.