

H1200-2

Anesthesia Machine

(Trolley is Optional)



Introduction

HQS Vetcare delivery high precious veterinary anesthesia equipment with ventilation manage system. It is suitable for animal hospital, pet clinic and animal laboratory. This technical index of animal anesthesia machine can meet the needs of general anesthesia and medical research on mice, dogs, cats, rabbits, monkeys, pigs, sheep, and other animals in animal laboratory.

Technical Specifications

PARAMETER	SPECIFICATION
Vet Main Unit	
Ventilation mode	Open, closed, half-closed, half-open
Drive mode	pneumatic
Application	0.5-100kg animal
Vaporizer	Choose one from Isoflurane, Sevoflurane, Halothane
Oxygen Flush	25L/min~75L/min
Gas source pressure	Oxygen 0.25Mpa~0.65Mpa
Trolley	High-quality aluminum alloy profile, with storage frame and special interface for exhaust gas emission

Flowmeter	Oxygen flow meter for animals; scale range:0~5L/min
Anesthesia Vaporizer	
Concentration scope	Isoflurane: 0.2%~5% Sevoflurane: 0.2%~8%
Flow rate scope	0.2L/min~15L/min
Anesthetic capacity	Dry: 340ml Wet: 300ml
Mounting type	Selectatec or Cagemout
Vet Anesthesia Ventilator	
Respiration mode	PCV, VCV, SPONT, DEMO
Bellow	Big animal: 300-1500ml, small animal: 50-300ml
Screen	9 inches touch screen
Waveform	Pressure, Flow, Volume
Loop	PV, PF, FV
Tidal volume	Auto control: 20-1600ml Manual control: 5-1600ml
BPM	1-100bpm
I:E	9.9:1 to 1:9.9
Inspiratory time	0.1s-10.0s
Inspiratory pause	0-50%
PEEP	Off, 3-20cmH ₂ O
Pressure support	5-60cmH ₂ O
Flow trigger	0.5-20L/min
Pressure trigger	-1~20cmH ₂ O
PSV Inspiratory terminal level	25%
Monitoring	Tidal volume, breathing rate, Spontaneous breathing rate, I:E, Spontaneous minute ventilation volume, Minute ventilation peak airway pressure, Average airway pressure, PEEP, Inspiratory platform pressure, FIO ₂
Alarm parameters	Tidal volume, Minute ventilation volume, Frequency, Airway pressure, Continuous airway pressure, Negative pressure alarm, Apnea alarm, Air supply pressure failure alarm, Power supply alarm, Low battery alarm, Battery exhaustion alarm, Oxygen battery failure alarm, FIO ₂ (optional), FICO ₂ (optional)
Power supply	220V±10%, 50HZ±1%
CO₂ Absorber	
Sodium Lime Tank Capacity	500ml~700ml
Absorber	The animal-specific integrated circuit can be sterilized at high temperature and high pressure at 134°C. The dedicated interface can be connected to an open circuit, suitable for low-flow small animals.
Valve piece	Visible ceramic valve piece, easy to observe animal breathing.
Pop off valve	Directs the waste anesthetic gas from the machine to a scavenging system. In the completely open position, the pop-off valve will release pressure at 2 cm H ₂ O, while maintain a constant passive volume in the breathing bags.
Other advantage	Strong air tightness, reduce airway resistance; Design of quick replacement of sodium lime Canister

Configurations

Standard: Main unit, anesthesia ventilator, one anesthesia vaporizer, one set veterinary breathing circuit, breathing circuit, gas source hose, exhaust gas absorption system, corrugated connect pipeline, simulated lung.

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Optional: Trolley, non-breathing circuit, tracheal intubation, anesthesia laryngoscope, soda lime, active carbon.