

H1200-1 Anesthesia Machine

(Trolley is Optional)



Introduction

HQS Vetcare delivery high precious veterinary anesthesia equipment 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
Application	0.5-100kg animal
Ventilation mode	Closed, half-closed, half-open
Tidal volume	10-2000ml
Vaporizer	Choose one from Isoflurane, Sevoflurane, Halothane
Oxygen source pressure	0.25~0.65Mpa
Airway pressure scope	-30~60CMH ₂ O
Flow Control	0-4L/min
Oxygen Flush	35L/min~75L/min
Pop adjust scope	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.

Inspiration impedance	$\leq 0.6\text{Kpa}$
Expiration impedance	$\leq 0.6\text{Kpa}$
Absorption tank capacity	700ml
Monitoring	Airway pressure, Gas source pressure monitoring
I:E	As doctor need
BPM	As doctor need

Configurations

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

Optional: Anesthesia ventilator (V-60V, V-80V), trolley, non-breathing circuit, tracheal intubation, anesthesia laryngoscope, soda lime, active carbon.

Anesthesia Ventilators (Optional)

Option 1: V-60V Anesthesia Ventilator

Pneumatically driven and electrically controlled

Display: LCD digital display

Animal Bellow: Big animal: 300-1500ML; Small animal: 0-300ML

Monitoring: Tidal volume, breathing rate, I:E ratio, peak airway pressure

TV: 20-1500ml

Breathing rate: 4~60bpm

I:E ratio: Adjustable 3:1,2:1,1.5:1,1:1,1:1.5,1:2,1:3

Upper airway pressure:2~6kpa

Lower airway pressure:0.6~2kpa

Build in battery: work time more than 2 hours in case of power failure

Alarm: Battery low, Power failure, Airway pressure high/low

Alarm Silence: Manuel/Auto Switch

PIP scope: 5-60cmH₂O



Option 2: V-80V Anesthesia Ventilator

Display: 9-inch TFT touch screen

Drive gas:

Gas type: O₂ or Air

Inlet pressure: 280-600 kPa

Max flow: $\leq 120\text{ L/min}$

Operating mode: VCV, PCV, SPONT, Manual, Demo

Waveform: Pressure, Flow-rate, Volume

Loop: PV loop, PF loop, FV loop

Safety pressure: System pressure does not exceed 6 KPa

Battery type: Li-ion, work time more than 2 hours

Tidal volume: 20 - 1500ml; Increment: 1ml

Respiratory rate: 1 ~ 100 bpm



Inspiratory time: 0.1 ~ 10s
Respiratory ratio: 9.9:1 to 1:9.9
Percentage of inspiratory pause: 0 to 50%
PEEP: OFF, 3 ~ 20 cmH₂O
Pressure Support: 0 ~ 60 cmH₂O
Pressure Control: 5 ~ 60 cmH₂O
Flow trigger : 0.5 ~ 20L/min
Pressure Trigger Range: -1 ~ -20 cmH₂O
PSV Insp Termination Level: 25%