

H-A70

Anesthesia Machine

(Turbine driven ultra-compact)



Features

1. Application: 0.5~150KGS animals
2. Turbine driven: tidal volume 5-1500ml, ± 4 ml or 10% whichever is large; oxygen saving and provide small animals anesthesia
3. Integrated design: built-in bellows and breathing circuit and space saving
4. Large touch screen: 10 inch TFT, capacitive touch screen; simultaneous display of multiple waveforms and 6 parameters; intuitive and convenient operation
5. Two AC power outputs, facilitate collaboration with other devices
6. Gas monitoring: optional configuration for CO₂ and anesthesia gas monitoring; safer anesthesia

Technical Specifications

PARAMETER	SPECIFICATION
Driving method	Turbine
Ventilation modes	VS, VPS, VCV, PCV, SIMV
Parameter	Setting Range
Tidal volume (Vt)	5ml-1500ml
Inspiratory pressure (Pinsp)	5cmH ₂ O-50cmH ₂ O
Output	2 AC outputs, 100V-240V/1.8A~0.9A, 50Hz/60Hz
Ventilator	

Support pressure (Psuppl)	3cmH ₂ O-50cmH ₂ O
Positive end expiratory pressure (PEEP)	OFF, 3cmH ₂ O-30cmH ₂ O
Respiratory Rate (RR)	2bpm-60bpm
Min.respiratory rate (Min RR)	2bpm-60bpm
Inspiratory to expiratory ratio (I:E)	4:1-1:8
Inspiratory time (T _{insp})	0.2S-10.0S
Trigger pressure (P-Trig)	-20cmH ₂ O~-0.2cmH ₂ O
Trigger flow rate(F-Trig) BTPS condition	0.2L/min-15L/min
Parameter name	Monitoring scope
Tidal volume (V _t)	0ml-3000ml
Minute ventilation volume (MV)	0L/min-100L/min
Peak Airway Pressure (PEAK)	-20cmH ₂ O~100cmH ₂ O
Positive end expiratory pressure (PEEP)	0cmH ₂ O-70cmH ₂ O
Respiratory Rate (RR)	0bpm-120bpm
Inspiratory to expiratory ratio (I:E)	20:1-1:20
Circuit System	
Source gas	Compressed oxygen/compressed air/oxygen
Gas pressure range	280-600kpa/40-87psi
Port type	NIST/DISS
Gas pressure gauge	0-1Mpa/0-140psi
Air source safety valve	Built in
Flow meter adjustment	0-4L/min
Vaporizer tank base	Single tank position, Selectatec
Respiratory System	
Manual breathing bag	Coaxial 22mm (OD) / 15mm (ID)
Inspiratory Valve Port	Coaxial 22mm (OD) / 15mm (ID)
Expiratory Valve Port	Coaxial 22mm (OD) / 15mm (ID)
ACGO Port	Coaxial 22mm (OD) / 15mm (ID)
AGSS Port	30mm outer conical joint
Airway pressure	-20cmH ₂ O~100cmH ₂ O
APL valve	Adjustment range: 0 ~ 70cmH ₂ O, with one key closing
CO ₂ Absorber Canister	Volume 1400ml
Packing Information	
Dimension	Height 1500mm X Width 487mm X Length 537mm
Weight	=28kg (include stand, vaporizer and other accessories)
Maximum Load on Top	10kg
Environmental Specifications	
Environmental	Temperature: 10~40 ; Relativ e humidity 15%~95%
Storage environment	Temperature:-20~60 ; Relativ e humidity : 10%~95%
Options	
Ventilation modes	PCV, SIMV
Source gas	Dual gas source/oxygen concentrator
Trolley & extension	Trolley , oxygen concentrator platform, Single/Dual E
Monitoring modules	Mainstream/sidestream CO ₂ monitoring
Disposable accessories	Large, medium and small breathing circuits, Bain breathing circuit, anesthesia masks, Laryngoscope, anesthesia gas filter canister, cylinder regulator, tracheal intubation

Standard Configuration

Main unit, anesthesia ventilator, one anesthesia vaporizer, one mobile trolley, one set oxygen hose, one set disposable breathing hose, one set waste gas hose, one set breathing bag (with 4 size), one set power cord, one set winder accessories.