

# AM70 Veterinary Anesthesia Machine

Turbine driven ultra-compact anesthesia machine



### Turbine driven

- Tidal volume 5-1500ml,  $\pm 4$ ml or 10% whichever is larger
- Oxygen saving and provide small animals anesthesia

### Integrated design

- Built-in bellows and breathing circuit
- Space saving

### Three Installations

- Desktop, wall mounted, and trolley mounted installations
- Flexible configuration and cost savings

### Large touch screen

- 10 inch TFT, capacitive touch screen
- Simultaneous display of multiple waveforms and 6 parameters; Intuitive and convenient operation

### AC output

- Two AC power outputs
- Facilitate collaboration with other devices

### Gas monitoring

- Optional configuration for CO2 and anesthesia gas monitoring
- Safer anesthesia

## AM70 Veterinary Anesthesia Machine Specifications

Physical Specifications	
Deimension	Without stand: 666mm X 421mm X 274mm With stand: 1500mmX487 mmX537mm
Weight	=28kg (include stand,vaporizer and other accessories)
Maximum load on top	10kg
Handle	Single handle, located in the middle of the top
Environmental Specifications	
Work environment	Temperature: 10~40 ; Relative humidity 15%~95%;
Storage environment	Temperature:-20~60 ; Relative humidity: 10%~95%;
Display	
Display screen	10.1 inch touch screen, 1280X800 resolution
Power Specifications	
Input voltage	100V-240V, 50Hz/60Hz
Battery type	Lithium Ion Battery, 14.8V, 5000mAh
Minimum battery power supply time	120 minutes (using a fully charged new battery under standard operating conditions)
Output specifications	2 AC outputs, 100V-240V/1.8A~0.9A, 50Hz/60Hz
Circuit System Specifications	
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 Specifications	
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	-20cmH2O~100cmH2O
APL valve	Adjustment range: 0 ~ 70cmh2o, with one key closing
CO2 Absorber Canister	Volume 1400ml
Options	
Ventilation modes	PCV, SIMV
Source gas	Dual gas source/oxygen concentrator
Installations	Wall mounted
Trolley & extension	SD70 trolley, oxygen concentrator platform, Single/Dual E
Monitoring modules	Mainstream/sidestream CO2 monitoring;
Disposable accessories	Large, medium and small breathing circuits, Bain breathing circuit, anesthesia masks,
	Laryngoscope, anesthesia gas filter canister, cylinder regulator, tracheal intubation

Ventilator Specifications	
Driving method	Turbine
Ventilation modes	VS, VCV, PCV, SIMV
Parameter	Setting Range
Tidal volume (Vt)	5ml-1500ml
Inspiratory pressure (Pinsp)	5cmH2O-50cmH2O
Support pressure (Psuppl)	3cmH2O-50cmH2O
Positive end expiratory pressure (PEEP)	OFF, 3cmH2O-30cmH2O
Respiratory Rate (RR)	2bpm-60bpm
Minimum respiratory rate (Min RR)	2bpm-60bpm
Inspiratory to expiratory ratio (I:E)	4:1-1:8
Inspiratory time (Tinsp)	0.2S-10.0S
Trigger pressure (P-Trig)	-20cmH2O~-0.2cmH2O
Trigger flow rate(F-Trig)BTPS condition	0.2L/min-15L/min
Parameter name	Monitoring scope
Tidal volume (Vt)	0ml-3000ml
Minute ventilation volume (MV)	0L/min-100L/min
Peak Airway Pressure (PEAK)	-20cmH2O~100cmH2O
Positive end expiratory pressure (PEEP)	0cmH2O-70cmH2O
Respiratory Rate (RR)	0bpm-120bpm
Inspiratory to expiratory ratio (I:E)	20:1-1:20



Orange Veterinary Limited  
 PO Box 2070  
 Raumati Beach, Paraparaumu 5032  
 Phone: 0800 990024  
 Email: sales@orangenz.co.nz  
 www.orangenz.co.nz

## Shenzhen mele<sup>v</sup>et Medical Ltd., Co.

Address: 502, Building 4, Baoshu Industrial Park, Bao'an District, Shenzhen, Guangdong, China

Tel: +86 755 2669 2869

Web: WWW.MELEVET.COM

Email: SALES01@MELEVET.COM

Website

