



For Precise Veterinary Anesthesia

Anes V60 Series Veterinary
Anesthesia Machine 

 Medcaptain

Physical Specifications	
Dimensions and Weight (excluding the trolley, anesthesia gas filter canister, anesthetic vaporizer; including breathing circuit heater)	
Weight	≤ 45 kg
Height	810mm
Width	540mm
Depth	470mm
Dimensions and Weight (excluding, anesthesia gas filter canister, anesthetic vaporizer; including the trolley, breathing circuit heater)	
Weight	≤ 58 kg
Height	810mm
Width	540mm
Depth	470mm
Top shelf	
Length	350mm
Width	205mm
Weight limit	10 kg
Castor	4 inches All with individual brakes
Display	
Size	8.4 inches
Touch screen	TFT, Resistive
LED Indicator	
AC Power LED	One (green. Lit when an AC power supply is disconnected)
Pneumatic System Specifications	
Pipeline Supply	
Gas type	Air, oxygen
Gas supply pressure range	280~600kPa (40 psi~87 psi)
Input connector	NIST
Connector number	2 (O ₂ /Air)
Flowmeter	
Number	2 (O ₂ /Air)
Range	0 ~ 10 L/min
Accuracy	± 2.5% of full scale reading
Oxygen Flush	
Flow range	0 ~ 25 L/min
Auxiliary Common Gas Outlet (ACGO)	
Type	Mechanical switch

Anesthetic Vaporizer Specifications	
Filling methods	Isoflurane: Pour Fill
	Sevoflurane: Pour Fill
Weight	4.6kg
Capacity	Maximum 250 ml
Concentration	Isoflurane:0~5%
	Sevoflurane:0~8%
Concentration Control Dial Scale	
	0 to 2% vol.: Increment of 0.2%
	≥ 2% vol.: Increment of 0.5%
Anesthetic Breathing System Specifications	
Breathing System Leakage	<50 ml/min at 3 kPa (30 cmH ₂ O)
Airway Pressure Gauge	
Type	Mechanical
Range	-20~100cmH ₂ O
Accuracy	
APL Valve	
Range	0~60cmH ₂ O
Co₂ Absorbent	
Volume	1000ml
Ports and connectors	
Inhalation	22 mm OD / 15 mm ID conical
Exhalation	22 mm OD / 15 mm ID conical
Bag Ports	22 mm OD / 15 mm ID conical
Scavenging port	30 mm OD conical
Anesthetic Ventilator Specifications	
Drive Gas	Oxygen
Modes/Therapy	Standby/Manual/ACGO
	Volume Control Ventilation (VCV)
	Pressure Control Ventilation (PCV)

	Pressure support ventilation (PSV)
	Synchronized Intermittent Mandatory Ventilation (SIMV)
	Synchronized Mandatory Minute Ventilation(SMMV)
Setting Parameter	
Vt	5 ~1600mL
Pressure range	5~70cmH ₂ O (pressure control mode)
PEEP	OFF,4~30 cmH ₂ O
BPM	4~100
I:E	1:0.2 to 1:8 (Normal operation)
	1:2.0 to 1:8 (Effective in support modes)
ΔPsupp	4~70cmH ₂ O
Tinsp	0.3~5s
F-Trig	0.7~4.0L/min
Ventilator Monitoring Parameter	
Vt	0 ~2000mL
MV	0~50L/min
PEAK	-20~99 cmH ₂ O
BPM	4~120 bpm
I:E	1:0.2~1:8.0
Ventilator Monitoring Accuracy	
Vt	<100mL : ±10ml or ±50% of the reading, whichever is greater 100~300ml: ±20% of the reading, >300mL : ±10% of the reading
MV	±1L or ±8% of the reading, whichever is greater
PEAK	±2% of the full scale reading + 4% of the reading
I:E	1:0.5~1:4.0: ±10% of the reading Other range: ±25% of the reading
BPM	±1bpm or ±10% of the reading, whichever is greater

Electrical Specifications	
AC Power Input	
Voltage	110~240 V
Frequency	50~60 Hz
Internal Batteries	
Battery type	Sealed Lead-acid battery
Number of batteries	1
Battery run time	60 minutes
Rated battery voltage	12 V
Battery capacity	2 Ah
Environment Specifications	
Operation	
Temperature (°C) :	15 to 30
Relative humidity (noncondensing)	10% to 85% R.H.
Barometric pressure (kPa)	70 to 106
Storage	
Temperature (°C) :	-5 to 40
Relative humidity (noncondensing)	10% to 85% R.H.
Barometric pressure (kPa)	50 to 106





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