

Veta 3

Veterinary Anesthesia Machine

Physical Specifications

Dimensions and Weight

(excluding the trolley, anesthesia gas filter canister, oxygen generator; including accessories)

Weight	≤ 20 kg
Height	620mm
Width	515mm
Depth	330mm

(excluding the anesthesia gas filter canister, oxygen generator; including the trolley and accessories)

Weight	≤ 34kg
Height	1215mm
Width	620mm
Depth	690mm

Top Shelf

Length	342
Width	256
Weight limit	10kg

Oxygenator Frame

Oxygenator size	<530×310×650mm
Weight limit	30kg

Castor 4, all with brakes

Pneumatic System Specifications

Pipeline Supply

Gas type	Air, oxygen
Gas supply pressure range	280 kPa~600 kPa(40PSI~87PSI)
Input connector	NIST or DISS
Connector number	One(O ₂) or two(O ₂ /Air)

Gas supply pressure gauge range	0kPa ~ 1000 kPa(0PSI~140PSI)
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Oxygen Flush

Flow range	10L/min~15L/min (the gas supply pressure 280kPa)
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Flowmeter

Number	One(O ₂) or two(O ₂ /Air)
Range	0L/min ~ 4 L/min
Accuracy	±0.1L/min or ± 10% of the indicated value, whichever is greater

Auxiliary Common Gas Outlet (ACGO)



Type	Mechanical switch
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Anesthetic Breathing System Specifications

Breathing System Leakage

System leakage	≤75mL/min (under 3kPa)
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Connector

Manual bag port	22 mm OD / 15 mm ID conical
Inhalation	22 mm OD / 15 mm ID conical
Exhalation	22 mm OD / 15 mm ID conical
Scavenging port	30 mm OD conical

CO₂ Absorbent

Volume	1500mL
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APL Valve

Range	0cmH ₂ O~70cmH ₂ O
Accuracy	±10cmH ₂ O or ±15% of the set value, whichever is greater
Blocking pressure	Original APL valve value+30cmH ₂ O

Airway Pressure Gauge

Type	Mechanical
Range	-20cmH ₂ O~100cmH ₂ O
Accuracy	± (2.5% of the full scale reading + 4% of the actual reading)

Anesthetic Vaporizer Specifications

Vaporizer

Filling methods	Isoflurane: Pour Fill, Key Filler Sevoflurane: Pour Fill, Key Filler, Quik-Fil
Weight	6.0kg (empty) 6.5kg (full)
Filling volume	360 ml (dry wick) 300 ml (moist wick) 260 ml (between the minimum and maximum marks)

Concentration range

Isoflurane: 0 vol.%~6 vol.%
Sevoflurane: 0 vol.%~8 vol.%

Concentration accuracy range

$\pm 0.25\text{vol.}\%$ or $\pm 20\%$ of set value, whichever is greater.

Anesthetic Gas Scavenging System Specifications

Active AGSS

Size	430mm×132mm×120mm
Pump rate	25L/min~50L/min (Low-flow) 75L/min~105L/min (High-flow)

Passive AGSS

Connector	30 mm OD conical
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Anesthesia gas filter canister tray

Canister size	$\leq 130\text{mm}$ (diameter)
Weight limit	2kg

Environment Specifications

Operation

Temperature (°C)	10 to 40
Relative humidity (noncondensing)	15% to 95% R.H.
Barometric pressure (kPa)	70 to 106.7

Storage

Temperature (°C)	-20 to 60
Relative humidity (noncondensing)	10% to 95% R.H.
Barometric pressure (kPa)	50 to 106.7