

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
 1 (O₂) /2 (O₂/Air)

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

Oxygen Flush

Flow range 10L/min~15L/min

Flowmeter

Number 1 (O₂) /2 (O₂/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



Anesthetic Breathing System Specifications

Breathing System Leakage

System leakage ≤75mL/min (under 3kPa)

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

APL Valve

Range 0cmH₂O~70cmH₂O

Accuracy ±10cmH₂O or ±15% of the setting value,
 whichever is greater

Blocking pressure

Original APL valve value+30cmH₂O

Airway Pressure Gauge

Type Mechanical

Range -20cmH₂O~100cmH₂O

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-Fill

Weight 6.0kg

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

±0.25vol.% or ±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

Anesthesia gas filter canister tray

Canister size ≤130mm (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