

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

(including 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(O₂) or two(O₂/Air)

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

Oxygen Flush

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

Flowmeter

Number One(O₂) or two(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 set 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-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

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