



Specifications

VITASIGN

Veterinary Portable Anesthesia Machine VitaPAM V

Anaesthesia machine characteristics

Breathing circuit	closed type
Tidal volume	20–1600 ml
O ₂ working pressure	0.3–0.4 MPa
O ₂ flow controlling	0.1–10 L/minute
Oxygen flush	30–60 L/minute
N ₂ O working pressure	0.3–0.4 MPa
N ₂ O flow controlling	0.1–10 L/minute
CO ₂ absorbing agent	soda lime, 2000 ml canister
Peak pressure protections	60 cm H ₂ O
APL valve	5–60 cm H ₂ O
Fittings	NIST type
Weight	less than 12 kg

Vaporizer characteristics

Product type	selectatec compatible with interlock
Filling system	pour fill (screw top)
Versions available	for Enflurane, Isoflurane, Halothane, Sevoflurane
Volume at maximum mark	250 ml
Volume at minimum mark	35 ml
Flow range	0.2–15 l/minute
Operating pressure range	0–5 kPa
Maximal manifold pressure	38 kPa
Control dial scale	from 0 to 2 vol % in intervals of 0.2, from 2 to 5 vol % in intervals of 0.5
Back pressure	10–15 kPa
Weight	about 5 kg

Ventilator characteristics

Working pressure	0.3–0.5 MPa
Peak pressure protection	60 cm H ₂ O
Ventilation type	IPPV (intermittent positive pressure ventilation)
Breathing frequency	3–100 per minute
Inspiratory/expiratory ration	4:1, 3:1, 2:1, 3:2, 1:1, 2:3, 1:2, 1:3, 1:4, 1:5, 1:6
Tidal volume	50–1600 ml
Weight	about 10 kg

Compressor characteristics

Rated discharge pressure:	0.4 MPa
Rated exhaust flow rate:	≥ 24 L/min
Noise	< 56 dB (A)
Power supply	Single-phase AC 220 V, 50 Hz
Rated operating current	6 A
Size, weight	400×300×710 mm (LxWxH), 34 kg

Operation conditions

Temperature	10–35 °C
Humidity	20–60 %
Atmospheric pressure	700–1060 kPa

Storage conditions

Temperature	–20–+50 °C
Humidity	20–60 %
Atmospheric pressure	700–1060 kPa