JX7100 Turbine Veterinary Anesthesia machine

Specifications



Anesthesia Machine

Gas Supply:

Gas Source: O_2 Concentrator, or high pressure O_2,or O_2&Air(Option);
Gas Source Pressure Gauge: O_2, or O_2 & Air(Option);
Pressure of Pipeline inlet:
O_2: 40～600 kPa / 5.8～87 psi;
Air(Option): 280～600kPa / 41psi～87psi;
Security Valve: release pressure less than 10 kPa;

Flow Meter:

Two tubes high precision flow meter : 0 ～ 1L/min,1.1L/min ～ 10L/min; or 0L/min ～

10L/min(O2&Air);
Precision: At 20℃, atmospheric pressure is 101.3kPa, the precision of flow meter is level: 2.5;

O2 Flush: 1L/min～50L/min;

One Key Switch: Switch between rebreath and Non-Rebreath;

ACGO Port: Non-Rebreath;

Selectatec Mounting Bar: single place used for vaporizer;

Vaporizer：

Anesthesia Vaporizer: one of Isoflurane and Sevoflurane;

Respiration System/CO_2 Circle Absorber/Rebreath:

Soda Lime Chamber: 1600ml;
APL valve: Min～7kPa;
Airway Pressure Gauge:-20-100cmH2O;

Anesthesia Ventilator

Driving Method: Turbine driving;
Safety Pressure: System pressure does not exceed 10 kPa;
Display: 10.2" TFT, with touch screen;
Breath Mode:VS,VCV, PCV, SIMV-VC, SIMV-PC, PSV, PRVC, SIMV-PRVC, Manual/SPONT;
Waveform: Pressure-t, Flow rate-t, Volume-t; Loop: PV loop, PF loop,FV loop;
O2 concentration Monitor: 18%-100%(option);
Electric PEEP: OFF, 3 ~ 30 cmH2O;
Battery Type: Li-ion,work time more than 1.5 hours;

Parameters setting range:

Tidal volume: VCV: 10 ~ 1500ml; VS: 5 ~ 1500ml;
Respiratory rate: 1 ~ 100 bpm(VCV：4~100；SIMV：1~40；VS：2~100);
Inspiratory time: 0.2 ~ 10.0s;
I:E：4:1~1:10;
PEEP: OFF, 3 ~ 30 cmH2O;
Pressure Support: 0 ~ 50 cmH2O;
Pressure Control: 5 ~ 50 cmH2O;
Flow trigger: 0.5 ~ 20L/min;
Pressure Trigger: 0 ~ 20 cmH2O;
PSV Insp Termination Level: 5 ~ 80%;

Monitored parameters:

Inspiratory tidal volume: 0 ~ 3000 mL;

Expiratory tidal volume: 0 ~ 3000 mL;
Spontaneous minute ventilation: 0 ~ 60 L / min;
Minute ventilation: 0 ~ 60 L / min;
Spontaneous breathing frequency: 0 ~ 100 bpm;
Compliance: 0 ~ 300 mL/cmH2O;
Respiratory ratio: 30:1 to 1:150;
Peak airway pressure: 0 ~ 100 cmH2O;
Mean airway pressure: 0 ~ 100 cmH2O;
PEEP: 0 ~ 100 cmH2O;
Inspiratory plateau pressure: 0 ~ 100 cmH2O;
Inspiratory Hold: ≤90s;
FiO_2(option): 18 to 100%;
$EtCO_2$,$FiCO_2$(option);
$EtCO_2$, $FiCO_2$, EtN_2O, FiN_2O, EtAA, FiAA, MAC(option);
SpO_2(Option): 70%~100%;

Alarm settings:

Tidal volume high/low alarm; Minute ventilation high/low alarm; Respiratory rate high/low alarm; Airway pressure high/low alarm; Continuous Positive Airway Pressure/Negative pressure alarm; Apnea alarm; Oxygen deficiency alarm; AC power failure alarm ,Low battery alarm.

Standard configuration:

Anesthesia machine with anesthesia ventilator, one unit X60 Anesthesia vaporizer, one unit big bellow, one unit small bellow, one set big disposable breath circuit, one set small disposable breath circuit, one set open breath circuit, 0.5,1.2,3L airbag, O_2 concentrator connection pipeline.

Option:

O_2 Concentration sensor;
EtCO2;
AA(Anaesthetic Agent Monitor) module;
SPO_2 module;
Remote control module(For Inspiratory Hold);

Dimension&Weight:

60cm*56cm*156cm,64kg;

Packing Information:

Main unit: 95cm*30cm*80cm,gross weight 38.5kg;
Anesthesia vaporizer: 33cm*22cm*33cm,gross weight 7.5kg;
Trolley: 85cm*76cm*16cm,gross weight 23.5kg;