



The Viasys Bird Avian is a microprocessor-controlled transport ventilator. The Avian transport ventilator is a Time or volume cycled ventilator that can support Ventilation modes including; controlled, assisted controlled, SIMV and CPAP. With its compact design, the Viasys Bird Avian can easily be transported, making it ideal for Clinical, field hospital, aeromedical, and other transport settings. The Machine can provide an operator with a variety of controls and alarm functions. Avian transport ventilator can be used on both pediatric and adult patients.

Features

- Suitable for pediatric and adult patients.
- Volume and time cycled ventilation.
- Automatic apnea backup ventilation.
- Proximal airway pressure monitoring.
- 5-100 lpm peak flow.
- 0-20 cmH₂O PEEP (with removable PEEP valve)
- Breath rate from 0-150 BPM.
- Audio/Visual alarms for high/low peak pressures, apnea, inverse I:E ratio and patient circuit disconnect.



Specifications

Dimensions

Height: 10" (25.4 cm)
Width: 12" (30.5 cm)
Depth: 5" (12.7 cm)
Max Weight: 10 lbs (4.5 kg)

Modes

Control, Assist/Control, SIMV, CPAP, and CAL

Controls

Breath Rate: 0 to 150 bpm
Flow: 5 to 100 lpm
Inspiratory Time: 0.1 to 3.0 seconds
Tidal Volume: 50 to 2000 ml
Assist Sensitivity: -2 to -8 cmH2O
Manual Breath: Touch button activated
PEEP/CPAP: 0 to 20 cmH2O (With removable PEEP valve)
Sign: ON/Off 1 sigh/100 breaths or 7 minutes; 1.5 X Inspiratory Time (3.0 sec. max.) or Tidal Volume (2,000 ml max.) setting; 1.5 X High Pressure setting (100 cmH2O)
Manual (PEEP) Reference: Set 0 to 20 cmH2O
Pressure Relief: 10 to 100 cmH2O

Pneumatic

40 to 60 psig of clean, dry medical grade air, oxygen or air-oxygen mixtures. 100 lpm minimum flow.

Monitors / Indicators

4 Digit 7 Segment LED: Display (M.A.P.) Mean Airway Pressure 0 to 100 cmH2O; (P.I.P.) Peak Inspiratory Pressure 0 to 100 cmH2O; (Paw) Airway Pressure 0 to 100 cmH2O; Low Peak Pressure, Off, 2 to 50 cmH2O; High Peak Pressure 1 to 100cmH2O; Inspiratory Time 0.1 to 3.0 seconds; Tidal Volume 50 to 2000 ml; Breath Rate 0 to 150 bpm; Flow 5 to 100 lpm

Green LED: Power On

Yellow LED: External Power

Red LED: PEEP not set; Apnea; Battery (Low/Fail); External Power Failure; Vent Inoperative; Disconnect

LED Bar Graph: Airway Pressure -10 to 100 cmH2O

