



The **Viasys BIRD AVIAN** is a time or volume cycled transport ventilator, which can support a variety of ventilation modes. The modes are Control, Assist/Control, SIMV and CPAP. The Avian transport ventilator is compact, has a simple design, is easy-to-use, and extremely durable. It's microprocessor controlled and provides the operator with a variety of controls and comprehensive alarms.

## 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 cmH<sub>2</sub>O 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

