



The **Viasys BIRD VIP** infant and pediatric ventilator is a microprocessor controlled device with an integral monitoring package. Through a variety of modes, the unit allows ventilation of neonatal, infant, and pediatric patients. It provides peak pressure up to 120 cmH₂O, and has a tidal volume range of 20 to 995 ml. This ventilator provides the clinician with IMV/CPAP, ASSIST/CONTROL, and SIMV/CPAP, SIMV/CPAP.

Features

- Designed specifically for neonatal, infant, and pediatric patients.
- Electronically and pneumatically powered and microprocessor controlled.
- Can be time or volume cycled.
- Incorporates features like Flow Synchronization, Termination Sensitivity and Dual Mode Breath Type to promote patient synchrony and facilitate weaning.



Specifications

Dimensions (Vent Only)
Height: 12" (30.4 cm)
Width: 15" (38.1 cm)
Depth: 13" (33 cm)
Max Weight: 39 lbs (17.5 kg)

Modes
Pressure-Controlled Modes: SIMV (spontaneous breaths); ASSIST/CONTROL (inspiration)
Flow-Controlled Modes: ASSIST/CONTROL; SIMV (mandatory breaths)
Time-Cycled Modes: SIMV/CPAP; ASSIST/CONTROL

Waveforms
Pressure: Rectangular; **Flow:** Rectangular

Operation Range of Controls
Tidal Volume: 20 to 995 ml;
Inspiratory Time: 0.10 to 3.00 sec;
Breath Rate: 0 to 150 bmp;
Time Cycled Flow: 3 to 40 lpm;
Volume Cycled Flow: 3 to 100 lpm;
Time Cycled High Pressure Limit: 2 to 80 cmH2O
Volume Cycled High Pressure Limit: 3 to 120 cmH2O
PEEP/CPAP: 0 to 24 cmH2O
Assist Sensitivity: iFlow Triggered 0.2 to 5.0 lpm
Pressure Triggered: 1 to 20 cmH2O
Pressure Support: 1 to 50 cmH2O
Termination Sensitivity: Time Cycled, Flow Synchronized 5% to 25% of Peak Flow
Manual Breath: x1
Oxygen Percent: 21% to 100%
Over-Pressure Relief: 0 to 130 ± 10 cmH2O

Triggering
 Pressure, Time, Manual

Power
Power: AC 110V/60Hz

Other Characteristics
 Also dispalys inspiratory time, I:E ratio, Patient Effort, Demand

