BIRD® VIP INFANT & PEDIATRIC VENTILATOR

- Designed specifically for neonatal, infant and pediatric patients
- It incorporates highly sophisticated features such as Flow Synchronization, Termination Sensitivity and a Dual Mode Breath Type to promote patient synchrony and facilitate weaning.

Typical Manufacturer’s Picture

Specifications

Modes--Invasive:
- Pressure-controlled modes --- SIMV (spontaneous breaths); ASSIST/CONTROL (inspiration) (optional))
- Flow-controlled modes --- ASSIST/CONTROL; SIMV (mandatory breaths)
- Time-cycled modes --- (SIMV/CPAP; ASSIST/CONTROL (optional)

Waveforms:
- Pressure: Rectangular; Flow: Rectangular

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

Triggering:
- Pressure, Time, Manual
Power: AC 110V/60Hz
Other Characteristics: Also displays inspiratory time, I:E ratio, patient effort, demand

Front Panel Controls
Power: AC/DC;
Modes: Volume Cycled: SIMV/CPAP; ASSIST/CONTROL;
Time Cycled: (S)IMV/CPAP; ASSIST/CONTROL;
Tidal Volume; Inspiratory Time; Breath Rate; Flow;
High Pressure Limit; PEEP/CPAP; Assist Sensitivity;
Pressure Support; Termination Sensitivity; Oxygen Percent;
Over-Pressure Relief; High Pressure Limit; Low Peak
Pressure; Low PEEP/CPAP Pressure; High/Prolonged
Pressure; Apnea Interval; Low Inlet Gas Pressure

Power Requirements
Electrical: 115 VAC, 60 Hz or optional European voltages;
Pneumatic: External compressed gas at 40 to 75 psig

Alarm Controls
High Pressure Limit: 3 to 120 cmH2O;
Low Peak Pressure: 3 to 120 cmH2O, Off;
Low PEEP/CPAP Pressure: -9 to + 24 cmH2O;
High/Prolonged Pressure:
a) Time Cycled: High Pressure Limit + 10 cmH2O, Auto set;
b) Volume Cycled: 3 to 120 cmH2O;
c) All Modes (Prolonged Pressure): PEEP/CPAP + 6 cmH2O;
Apnea Interval 20, 40 and 60 sec.

Non-Adjustable Alarms
Low Inlet Gas Pressure: System Pressure <22.5 or 27.5< PSIG
Red Light Indicator Lamp;
Circuit Fault: Red Light Indicator Lamp

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