BEAR CUB® INFANT VENTILATOR MODEL BP 2001

- Time cycled, pressure limited, operation with CPAP, CMV, and IMV modes.
- Calibrated selection of ventilator rate
- Continuous flows
- Digital displays

Specifications

Ventilator Controls

Indicators
Power on. Alarm (continuously visual with audible alarm): pressure, loss of PEEP/CPAP, prolonged inspiratory pressure; ventilator inoperative (includes electrical power failure/disconnect, fail to cycle). Alert (continuously visual with audible alarm): low oxygen pressure and low air pressure. Alert (continuously visual): rate/time incompatibility and alarm silence.

Displays

Monitor
Mean airway pressure: 0-99 cmH2O. Proximal airway pressure gauge: -10 to 100 cmH2O. Proximal airway pressure output: 0-100 cmH2O. O2 monitor port: requires 22 mm adapter.

Miscellaneous
Power output jacks: two, 9 VDC 200 ma each or 400 ma total

Present Values
Minimum exhalation time: 0.25 seconds. Maximum working pressure: 87 cmH2O. Sub-ambient pressure relief valve: -2 cmH2O.

Power Requirements
Electrical: 117 VAC, 60 Hz. Input power is less than 50 watts. 0.5 amp circuit breaker. Current leakage is less than 100 µA. Pneumatic: 30-75 psig (2-5 kg/cm²) air and oxygen. DISS male connection, male thread.

Ventilator Dimensions and Weight
Dimensions: 10” high x 10” wide x 14” long (25.4 cm x 25.4 cm x 35.6 cm). Weight: 27 lbs (12.3 kg).