BEAR CUB 750 PSV

The Bear Cub 750 VS offers three layers of safety for infant lung protection. Providing flow cycling, adjustable pressure limit and volume limit.

Bear Cub® 750 Infant Ventilator is designed to accommodate a range of patients from the small neonate to the 30kg pediatric patient. The 750 incorporates Integrated Synchronized Ventilation, Tidal Volume Monitoring and Independent Base & Inspiratory Flows for clinical flexibility in a compact design. Volume Limit™ provides the clinician with an additional guidance tool during pressure ventilation as it enhances volume management and establishes an upper boundary for deliverable tidal volumes during mechanical breaths.

The Bear Cub 750 provides responsive and accurate proximal airway flow triggering and volume monitoring. The improved heated wire anemometer flow sensor provides accuracy in the breath-to-breath measurement of spontaneous and mechanical inspiratory and expiratory tidal volume and percentage of tube leak.

Flow triggering at the proximal airway offers the sensitivity and response time that is required for tiny premature infants with rapid respiratory rates. This results in consistent ventilator-patient synchrony and decreased work of breathing in infants.

The Ventilator Graphics Monitor can be used interchangeably between different Bear Cub 750 Ventilators. This monitor interfaces with the ventilator and uses the flow measurements from the proximal airway flow sensor and pressure measurements from the proximal pressure line to monitor pressure, flow and volume waveforms. Pressure and Flow Volume Loops may also be displayed.

FEATURES:

- Integrated Synchronized Ventilation
- Tidal Volume Monitoring
- Independent Base & Inspiratory Flows
- Internal Battery Back-Up
- Exclusive Volume Limit
- Assist Control
- Flow Cycled AC
- SIMV/IMV
- Flow Cycled SIMV
- CPAP
- SIMV with Pressure Support

SPECIFICATIONS:

Controls

Mode: AC, Flow cycle AC, SIMV/IMV, Flow Cycled SIMV, SIMV/PSV, PSV, CPAP
Ventilator Rate: 1.0 to 150 BPM
Inspiratory Time: 0.1 to 3.0 sec.
Inspiratory Flow: 1.0 to 30 LPM
Base Flow: 1.0 to 30 LPM
Volume Limit: 5.0 to 300 ml
PEEP: 0 to 30 cmH2O
Inspiratory Pressure: 0 to 72 cmH2O
Manual Breath: x One
Assist Sensitivity: 0.2 to 5.0 LPM; Minimum to Maximum bar
Over Pressure Relief: 15 to 75 cmH2O
% O2: 21 to 100%
Alarm Loudness: Min 60 to Max. 75 dbA
Audible Off Volume Limit: LED On/Off

Alarms
High Breath Rate: 3.0 to 255 BPM
Low PEEP/CPAP: -5.0 to 30 cmH2O
Low Inspiratory Pressure (vs): 1.0 to 65 cmH2O
Low Inspiratory Pressure (psv): 5 to 41 cmH2O (derived from High Pressure Limit and Low PEEP/CPAP Alarm Settings
Patient Circuit: LED On/Off
Failed to Cycle: LED On/Off
Low Gas Supply: LED On/Off
Apnea Alarm: 5, 10, 20, 30 sec
Settings Incompatible: LED On/Off
Pressure Settings Incompatible: LED On/Off
Prolonged Inspiratory Pressure: LED On/Off
Flow Sensor: LED On/Off
Low Battery: LED On/Off
Alarm Silence: 60 sec
Visual Reset: Push Button
High Pressure Limit: 10 to 75 cmH2O
Low Minute Volume: Off to 99 lpm

For Refurbished and Pre-owned units contact

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