

The Babylog 8000 plus is designed for harmonious ventilation of small children and the smallest pre-term babies.

It has an advanced upgrade platform that has allowed it to keep pace with all new forms of treatment and clinical advances.

Sensitive synchronisation with gentle but precise support for spontaneous breathing reduces the work of breathing and makes the ventilation process much more comfortable for patients.



Technical Specifications

CONTROLS

- » Conventional ventilation: continuous flow, pressure-limited, time-cycled
- » Triggered ventilation: SIMV, SIPPV, PSV1, leak adapted
Trigger: Flow/volume trigger, leak adapted
Trigger delay: approx. 40-60 ms
- » High Frequency Ventilation: CPAP+HFV, IMV+HFV
Frequency: 5 to 20 Hz
- » Volume Guarantee Ventilation: SIMV+VG, SIPPV+VG, PSV+VG
- » Oxygen mixer loss (bleed flow): 0 (zero) L/min

SETTINGS

- » Inspiratory oxygen concentration: 21-100 vol.% oxygen
- » Peak inspiratory pressure: 10 to 80 mbar
- » PEEP/CPAP: 0 to 25 mbar
- » Maximal frequency: 200 bpm

- » Inspiratory time: 0.1 to 2 seconds
- » Expiratory time: 0.2 to 30 seconds
- » Inspiratory flow: 1 to 30 L/min
- » Base Flow (VIVE): 1 to 30 L/min

MONITORING

- » Flow monitoring: at the Y-piece, integrated
- » Volume monitoring: at the Y-piece, integrated
- » Lung function monitoring: compliance, resistance C20/C
- » Method: linear regression analysis
- » FiO2 monitoring: integrated
- » Real-time curves: Flow and pressure, integrated
- » Inspiratory oxygen concentration: 21-100 vol.% oxygen
- » Peak pressure: to 99 mbar
- » Mean airway pressure: to 99 mbar
- » Graphic trends: 6 parameters, integrated
- » Logbook: record of up to 100 alarms