

Babylog® 8000 plus Neonatal Intensive Care Ventilation

More than 40 years of experience in neonatal ventilation and a century of expertise in breathing technology have gone into Dräger Medical's Babylog® 8000 plus. The result is a neonatal ventilator that satisfies the extremely high standards you set in caring for your little patients.



Benefits

Ventilation in harmony with the baby

Sensitive, accurate synchronisation and continuous adaptation features work together to provide the necessary ventilator support, allow optimal levels of spontaneous breathing, facilitate the weaning process and protect the baby from adverse effects such as volutrauma or atelectasis.

Consistent volume guarantee

The Volume Guarantee (VG) feature combines the advantages of pressure and volume controlled ventilation. Here, a constant, preset tidal volume is maintained regardless of the strength of spontaneous breathing or changes in respiratory lung conditions. Volume Guarantee ensures sufficient ventilation while avoiding the risk of volutrauma.

High frequency ventilation*

The Dräger Babylog 8000 plus gives you the option of High Frequency Ventilation (HFV) at the touch of a button, which can be used in combination with CPAP or IMV modes. The ventilator accurately measures even the smallest tidal volumes, letting you fine tune your therapy to suit your patients' needs (*not available in the USA).

Pressure support ventilation – the standard for neonates

Our pressure support ventilation (PSV) features automatic leak compensation and gives the infant more control over the breathing pattern by synchronising inspiration and expiration. Continuous, automatic leak compensation maintains optimal inspiration times.

BabyFlow® nasal CPAP

The Babylog 8000 plus gives you all the advantages of non-invasive support with an easy to use nasal CPAP system especially designed for the smallest patients. The unique mask design circumvents the pitfalls of the past and enables stable, atraumatic CPAP delivery.

Compact & easy to learn

Small device that just blends into your NICU. Six easy to learn clear control knobs let you quickly get started. Intelligent alarms facilitates workflow and lets the operator concentrate on caring for the baby.

Accessories



D-50637-2012

Dräger VarioLux®

The Dräger VarioLux® offers cool, highly efficient, and variable intensity examination light and was specially designed for use in neonatal intensive care settings. Made for single-handed operation, it features adjustable color settings as well as a dimmer function.



D-7384-2009

Neonatal Care Accessories

Dräger accessories for neonatal ventilation and thermotherapy ventilate gently and effectively, reduce stress and help promote the development of the newborn with a wide range of accessories designed specifically for use with the smallest of patients.

Technical Data

PERFORMANCE DATA

Controls

Control principle	Continuous flow, pressure-limited, time-cycled
Conventional ventilation	IMV/IPPV, CPAP
Triggered ventilation	IMV, SIPPV, PSV ¹ , Leak adapted
Trigger	Flow/volume trigger, Leak adapted
Trigger delay	Approx. 30 ms
High Frequency Ventilation ^{1,3}	CPAP+HFV, IMV+HFV
Frequency	5 to 20 Hz
Volume Guarantee Ventilation ¹	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 ²
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

¹ Optional available

² The maximum frequency is limited to 150 bpm in the USA

³ HFOV is not available in the USA

Monitoring

Flow Monitoring	At the Y-piece, integrated
Volume Monitoring	At the Y-piece, integrated
Lung function monitoring	Compliance, resistance C20/C, time constant, r
FI _O ₂ 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 last 100 alarms

Notes

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CORPORATE HEADQUARTERS

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Manufacturer:

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As of August 2015

Dräger Medical GmbH changes
to Drägerwerk AG & Co. KGaA

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