

First Breath™

Neonatal respiratory support



Cost-effective solution for supporting
premature and sick babies



First Breath™ nCPAP

Non-invasive respiratory support

The First Breath™ nCPAP is the next step in neonatal non-invasive support. The First Breath™ nCPAP Generator builds on the experience of the past to allow caregivers a cost-effective solution for supporting premature and sick babies.

Many pre-term babies will require respiratory support once they are born. Nasal CPAP has been shown to support early extubation and weaning from ventilators and prevent babies needing further ventilation.

The First Breath™ nCPAP Generator benefits from established fluidic principles to provide non-invasive respiratory support. The fluidic flip technology is clinically proven, field-tested and has shown in mechanical lung studies to significantly reduce imposed Work Of Breathing (iWOB).



Novel fixation system for patient comfort and ease of use



Complete system including prongs and mask



Single point of fixation aids alignment

First Breath™ nCPAP Generator

- Fluidic technology shown to reduce imposed Work of Breathing
- Accessories include; prongs, masks and headgear
- Maintains a constant positive pressure
- Follows a known relationship between flow and pressure
- Single tube for ease of attachment and better alignment
- Designed for patient comfort
- New headgear – designed to be simple to use and quick to set up

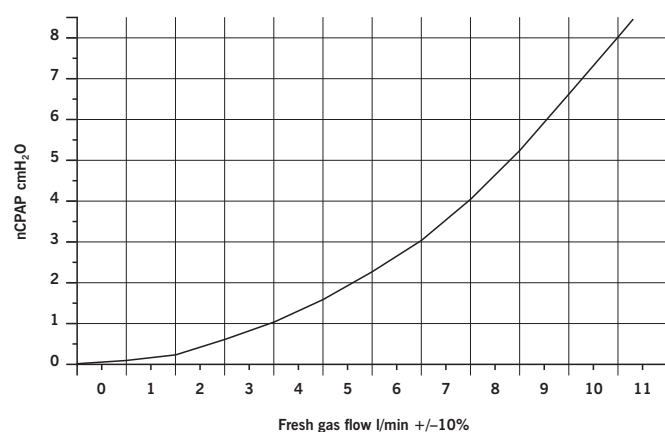
Complete respiratory care

First Breath™ Headgear

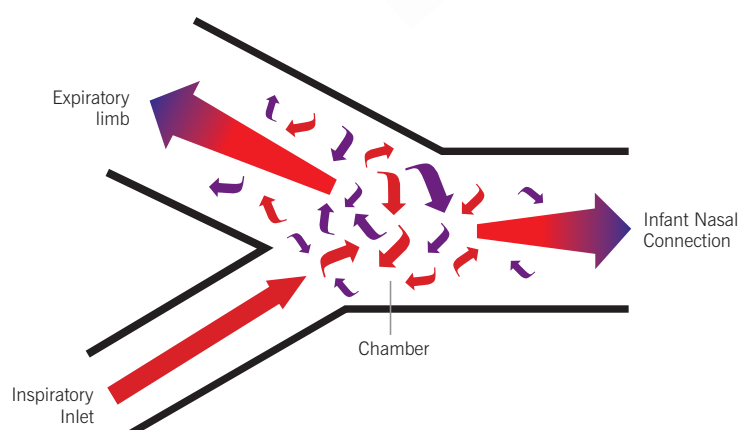
- Available in five sizes
- Designed to adjust to the perfect fit
- Designed for a fast and reliable fit
- Anti-slip for stable and secure fixing
- Enables access to scalp
- Single point of fixation designed to aid alignment
- Attachment block designed to transfer weight from nasal area
- Made with soft biocompatible materials for patient comfort



Established fluidic principles



Fluidic flip principle



These images are representative of the benefits of the fluidic principle

Breathing Circuits

Complete neonatal care

First Breath™ range of breathing circuits ensures the patient receives optimally heated and humidified gases.

The circuits are suitable for conventional ET ventilation, oxygen therapy and non-invasive ventilation in single-limb and dual-limb modes. Each circuit is single patient use and can be adapted easily to meet the needs of the patient.

Performance and Versatility

The First Breath™ Breathing Circuits range ensures that any performance and cost requirements can be met, without compromising on patient care.

A number of comprehensive features make our circuits ideal for the modern Neonatal Intensive Care unit and provide unmatched versatility.



Flexible 360° swivel action for easy positioning



Connector pack offers a range of therapies



Options are available with or without humidification chamber

Circuits Technical Description

Flow resistance	≤0.74 cmH ₂ O/l/min @ 2.5 l/min
Leakage	30 ml/min @ (60±3) cmH ₂ O
Compliance	≤1.5 ml/cmH ₂ O @ (60±3) cmH ₂ O
Circuit length	1.6 m
Inside diameter of tube	10.4 mm

Breathing Circuits

Key Features

- Nitric oxide ports available in the chamber output connection – one less adaptor required
- Additional limb for positioning the temperature probe outside the incubator or as close to the patient when using an open cot
- Ventilation circuits have swivel manifolds for easier positioning close to the patient and to offset the weight of the tube, reducing the chances of inadvertent extubation
- Spiral heated wire, heats the tube evenly to reduce condensation and deliver optimal humidification to the patient
- Option for Connector Pack means that the breathing circuits can be used for a number of Therapies (single/dual NIV, High Flow) and cover all ventilation modes
- Option for humidification chamber to be in the pack or sold separately
- Clover leaf adaptor for the humidifier heated wire adaptor
- With or without proximal airway tube, depending on the ventilator model



First Breath™ range of breathing circuits

Single Heated
non-invasive circuit



Dual Heated
ventilation circuit



Single Heated ventilation
circuit with Watertrap

Ordering Information



First Breath nCPAP Generator

First Breath nCPAP Generator with Nasal Sizer and S/M/L Nasal Prongs (Case of 10)	VX8000
First Breath nCPAP Generator with Nasal Sizer and S/M/L Nasal Prongs Plus Standard Vent Circuit (Case of 20)	VX8001
First Breath nCPAP Generator with Nasal Sizer and S/M/L Nasal Prongs Plus Standard Vent Circuit & Autofeed Chamber (Case of 10)	VX8002
First Breath nCPAP Generator with Nasal Sizer and S/M/L Nasal Prongs Plus Fabian/Standard Vent Circuit (Case of 20)	VX8003
First Breath nCPAP Generator with Nasal Sizer and S/M/L Nasal Prongs Plus Fabian/Standard Vent Circuit & Autofeed Chamber (Case of 10)	VX8004
Fabian Connecting Tube (Case of 10)	VX615
First Breath nCPAP Silencer (Case of 20)	C4325

Nasal Prongs (Cases of 10)

First Breath nCPAP Extra Small (XS) Nasal Prong – Green	VX8020
First Breath nCPAP Small (S) Nasal Prong – Red	VX8021
First Breath nCPAP Medium (M) Nasal Prong – Blue	VX8022
First Breath nCPAP Large (L) Nasal Prong – Purple	VX8023

Nasal Masks (Cases of 10)

First Breath nCPAP Small (S) Nasal Mask – Red	VX8030
First Breath nCPAP Medium (M) Nasal Mask – Blue	VX8031
First Breath nCPAP Large (L) Nasal Mask – Purple	VX8032
First Breath nCPAP Extra Large (XL) Nasal Mask – White	VX8033

First Breath Headgear (Cases of 10 unless otherwise stated)

First Breath nCPAP Headgear Extra Small (XS) 18-22 cm – Grey	VX8011
First Breath nCPAP Headgear Small (S) 22-26 cm – Brown	VX8012
First Breath nCPAP Headgear Medium (M) 26-30 cm – Blue	VX8013
First Breath nCPAP Headgear Large (L) 30-36 cm – Burgundy	VX8014
First Breath nCPAP Headgear Extra Large (XL) 36-42 cm – Navy	VX8015
First Breath nCPAP Fixation Blocks (Case of 20)	VX8018

Circuits

First Breath Single Heated nCPAP & High Flow Nasal Cannula Breathing Circuits

First Breath nCPAP Single Heated Limb Circuit with Twin Connector (Standard Vent) (Case of 20)	C4204
First Breath nCPAP Single Heated Limb Circuit with Twin Connector (Standard Vent) & Autofeed Chamber (Case of 10)	C4205
First Breath nCPAP Single Heated Breathing Circuit with Luer Connector (Standard Vent) (Case of 20)	C4302
First Breath nCPAP Single Heated Breathing Circuit with Luer Connector (Standard Vent) & Autofeed Chamber (Case of 10)	C4303
First Breath nCPAP Single Heated Breathing Circuit with Twin Connector and Fabian Connecting Tube (Case of 20)	C4244
First Breath nCPAP Single Heated Breathing Circuit with Twin Connector, Fabian Connecting Tube & Autofeed Chamber (Case of 10)	C4245
First Breath nCPAP Single Heated Breathing Circuit with Fabian Connecting Tube (Case of 20)	C4342
First Breath nCPAP Single Heated Breathing Circuit with Fabian Connecting Tube & Autofeed Chamber (Case of 10)	C4343
First Breath nCPAP Single Heated Breathing Circuit with Universal Connector Pack (Case of 20)	C4124
First Breath nCPAP Single Heated Breathing Circuit with Universal Connector Pack & Autofeed Chamber (Case of 10)	C4224
High Flow Nasal Cannula Single Heated Breathing Circuit (Case of 20)	C4330
High Flow Nasal Cannula Single Heated Breathing Circuit with Autofeed Chamber (Case of 10)	C4331
High Flow Nasal Cannula Single Heated Breathing Circuit with Fabian Connecting Tube (Case of 20)	C4335
High Flow Nasal Cannula Single Heated Breathing Circuit with Fabian Connecting Tube & Autofeed Chamber (Case of 10)	C4336

Neonatal Single Heated Ventilation Breathing Circuits with Watertrap

Single Heated Ventilation Breathing Circuit with Water Trap and Flow Restrictor (SLE2000) (Case of 10)	C4210
Single Heated Ventilation Breathing Circuit with Water Trap and Flow Restrictor (SLE2000) & Autofeed Chamber (Case of 20)	C4211
Single Heated Ventilation Breathing Circuit with Water Trap and Flow Restrictor (SLE4000/5000/6000) (Case of 10)	C4215
Single Heated Ventilation Breathing Circuit with Water Trap and Flow Restrictor (SLE4000/5000/6000) & Autofeed Chamber (Case of 20)	C4216
Single Heated Ventilation Breathing Circuit with Water Trap and Soft Connectors (Babyllog) (Case of 10)	C4206
Single Heated Ventilation Breathing Circuit with Water Trap and Soft Connectors (Babyllog) & Autofeed Chamber (Case of 20)	C4207
Single Heated Ventilation Breathing Circuit with Water Trap (Case of 10)	C4202
Single Heated Ventilation Breathing Circuit with Water Trap & Autofeed Chamber (Case of 20)	C4203
Single Heated Ventilation Breathing Circuit with Water Trap & Universal Connector Pack (Case of 10)	C4125
Single Heated Ventilation Breathing Circuit with Water Trap, Universal Connector Pack & Autofeed Chamber (Case of 20)	C4225

Neonatal Dual Heated Ventilation Breathing Circuits

Dual Heated Ventilation Breathing Circuit with Flow Restrictor (SLE2000) (Case of 20)	C4213
Dual Heated Ventilation Breathing Circuit with Flow Restrictor (SLE2000) & Autofeed Chamber (Case of 10)	C4214
Dual Heated Ventilation Breathing Circuit with Flow Restrictor (SLE4000/5000/6000) (Case of 20)	C4217
Dual Heated Ventilation Breathing Circuit with Flow Restrictor (SLE4000/5000/6000) & Autofeed Chamber (Case of 10)	C4218
Dual Heated Ventilation Breathing Circuit with Soft Connectors (Babyllog) (Case of 20)	C4219
Dual Heated Ventilation Breathing Circuit with Soft Connectors (Babyllog) & Autofeed Chamber (Case of 10)	C4220
Dual Heated Ventilation Breathing Circuit (Case of 20)	C4200
Dual Heated Ventilation Breathing Circuit with Autofeed Chamber (Case of 10)	C4201
Dual Heated Ventilation Breathing Circuit with Universal Connector Pack (Case of 20)	C4135
Dual Heated Ventilation Breathing Circuit with Universal Connector Pack & Autofeed Chamber (Case of 10)	C4235

Autofeed Chamber

Autofeed Humidification Chamber (Case of 12)	VX226
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The details given in this brochure are correct at time of going to press. The photo used on the front of this brochure is a retouched representation of the product. The images used are for illustration purposes only and may differ from the actual product. The company reserves the right to improve the products shown.

Not all accessories are available in all markets. Please contact your local Inspiration Healthcare representative for more information.

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