

# Inspire nCPAP™



## Inspire

Nasal CPAP for treating babies has developed a great deal in the past 20 years with many devices now being available. The Inspire nCPAP™ range from Inspiration Healthcare Ltd builds on the experience of the past to allow care givers a cost effective solution for supporting premature and sick babies.

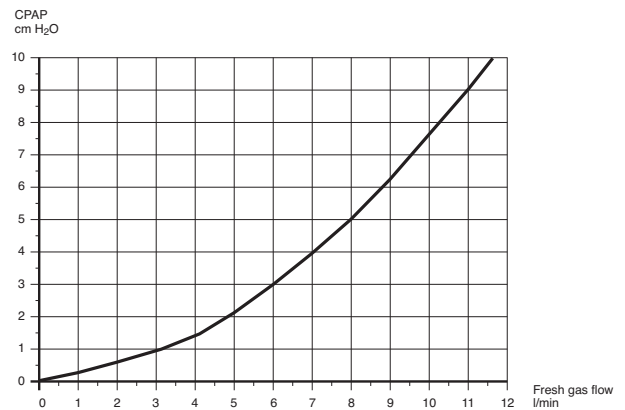
nCPAP works well when the Added Work Of Breathing is reduced ensuring the babies do not tire so quickly and allowing them to use energy to grow. Using established Fluidic Principles, the Inspire nCPAP™ range is more effective than traditional methods of delivering CPAP.

- nCPAP is proven to be beneficial in supporting babies with respiratory problems
- Designed using proven fluidic principles
- Simple fixation with bonnets to fit most babies
- Inspire generators are available with and without heated delivery circuit for greater flexibility
- Comprehensive range of prongs and masks

## How it Works

Fresh gas is accelerated through small entrance tubes, it enters the internal chamber at a certain angle, allowing it to become unstable and follow the path of least resistance. As the baby inhales the fresh gas is directed towards the baby. As inspiration stops, the flow is flipped around and leaves the generator through the expiratory tube, making it easier for the baby to breathe out.

The expiratory tube also acts as a reservoir of fresh gas, so should the baby's peak flow demand rise above the set flow, gas will be drawn easily from the expiratory tube, allowing the baby to satisfy their demands at the prescribed  $FiO_2$ .



Clinical staff need to be assured that they will be getting the prescribed pressures from their devices. The graph above shows the relationship between flow and pressure in the Inspire Generator.



## Compatibility

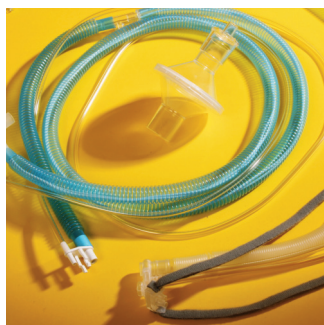
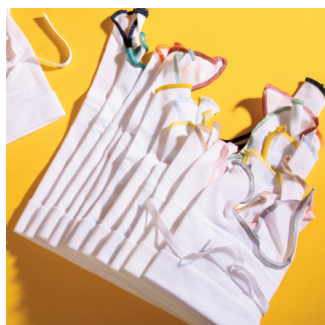
The Inspire range has been tested on market leading CPAP drivers such as Infant Flow™ and gives flows and pressures shown in the graph overleaf.

Any device that can deliver a flow of fresh gas in the range shown at a driving pressure greater than 120cm H<sub>2</sub>O will cause the Fluidic Logic in the generator to work. Inspiration Healthcare have a full list of compatible drivers available on request – just email [info@inspiration-healthcare.co.uk](mailto:info@inspiration-healthcare.co.uk) if you have any doubts.

Because of the nature of the device, it will also work in the same manner with 'bi-level' Drivers i.e. Fabian DuoPAP, as these simply alternate between flows at the same driving pressure.

## Accessories

Inspire nCPAP™ from Inspiration Healthcare has a comprehensive range of accessories. Each Generator comes packaged complete with 3 prongs and a sizing guide. Additionally, nasal masks are available for patients who have been nasally intubated, have a sore septum, or an adequate seal cannot be maintained using the prongs. Circuits can be supplied in various configurations including transport and with filters. A range of bonnets help to ensure that adequate fixation can be provided without causing severe head moulding.



## INSPIRE nCPAP™ ORDERING INFORMATION

DESCRIPTION	PART NUMBER
<b>Generator and Circuits</b>	
Inspire nCPAP™ Generator Only (Case of 10)	IHC600/10
Inspire nCPAP™ Generator & Circuit (Case of 20)	IHC4010/20
Inspire nCPAP™ Generator, Circuit with Silencer (Case of 20)	IHC4009/20
F&P Spiral Heated Wire Circuit with Inspire nCPAP™ Generator (Case of 10)	IHC600/RT124
F&P Spiral Heated Wire Circuit with Inspire nCPAP™ Generator and 290 Autofill Chamber (Case of 10)	IHC600/RT324
Inspire nCPAP™ Generator and Non-Heated Circuit Transport Use (Case of 20)	IHC4011/20
Inspire nCPAP™ Silencer (Case of 20)	IHC602/20
<b>Masks and Prongs</b>	
Inspire nCPAP™ Mask XS (Case of 10)	IHC609/10
Inspire nCPAP™ Mask XL (Case of 10)	IHC610/10
Inspire nCPAP™ Small Nasal Prong (Case of 10)	IHC605/10
Inspire nCPAP™ Medium Nasal Prong (Case of 10)	IHC606/10
Inspire nCPAP™ Large Nasal Prong (Case of 10)	IHC607/10
<b>Bonnets</b>	
Inspire nCPAP™ White Bonnet (Case of 10)	IHBWH000/10
Inspire nCPAP™ Grey Bonnet (Case of 10)	IHBGY00/10
Inspire nCPAP™ Pink Bonnet (Case of 10)	IHBPK0/10
Inspire nCPAP™ Brown Bonnet (Case of 10)	IHBBR1/10
Inspire nCPAP™ Yellow Bonnet (Case of 10)	IHBYE2/10
Inspire nCPAP™ Blue Bonnet (Case of 10)	IHBBL3/10
Inspire nCPAP™ Gold Bonnet (Case of 10)	IHBGO4/10
Inspire nCPAP™ Green Bonnet (Case of 10)	IHBGR5/10
Inspire nCPAP™ Burgundy Bonnet (Case of 10)	IHBBU6/10
Inspire nCPAP™ Orange Bonnet (Case of 10)	IHBOR7/10
Inspire nCPAP™ Dark Green Bonnet (Case of 10)	IHBDG8/10
Inspire nCPAP™ Navy Bonnet (Case of 10)	IHBNA9/10

The details given in this leaflet are correct at time of going to press. The company reserves the right to improve the products shown.

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