

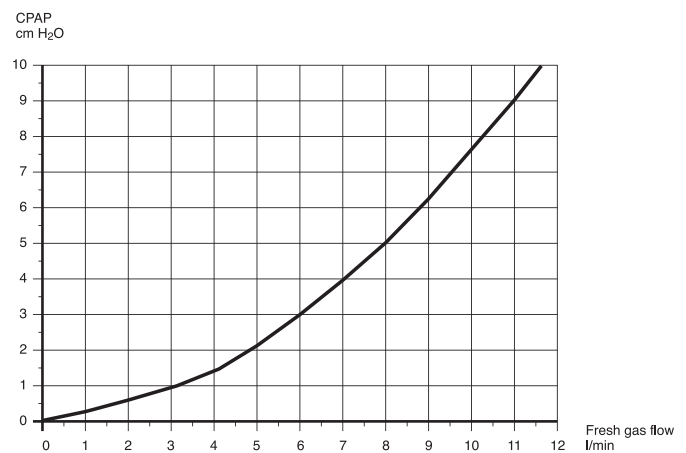
Inspire nCPAP™



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 to follow the path of least resistance. As the baby inhales, fresh gas is directed towards the infant. As inspiration ends, the flow is flipped around and leaves the generator through the expiratory tube effectively creating active expiration.

The expiratory tube also acts as a reservoir of fresh gas, therefore should the infant's peak flow demand rise above the delivered flow, gas will be entrained from the expiratory tube, allowing the infants peak flow requirement to be satisfied.



Inspire

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

nCPAP works well when the Added Work Of Breathing is reduced ensuring the infants 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 nCPAP.

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

Clinical staff need to be assured that they will deliver the prescribed pressure from their devices. The graph above shows the relationship between the flow and pressure delivered by the Inspire generator.



Inspire nCPAP™

Compatibility

The Inspire range has been tested on market leading nCPAP drivers such as Infant Flow™ which deliver flows and pressures as 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 120 cm H₂O will cause the fluidic logic in the generator to be effective. Inspiration Healthcare have a full list of compatible drivers available on request – if you have any doubts just email info@inspiration-healthcare.com.

Because of the nature of the device, it will also operate in the same manner with 'bi-level' nCPAP drivers i.e FABIAN THERAPY, 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 (Small, Medium and Large) and a sizing guide. Additionally, nasal masks are available for patients who have been nasally intubated and therefore have asymmetrical nostrils or where an adequate seal cannot be maintained using the prongs. Circuits can be supplied in various configurations including a transport version and with filters/silencers. A comprehensive range of colour coded bonnets helps to ensure that the generator is fixed on the infants.



Ordering information

Description	Part number
Generator and Circuits	
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
Inspire nCPAP™ Generator with F&P Spiral Heated Wire Circuit (Case of 10)	IHC600/RT124
Inspire nCPAP™ Generator with F&P Spiral Heated Wire Circuit & MR290 Autofill Chamber (Case of 10)	IHC600/RT324
Inspire nCPAP™ Generator with Non-Heated Transport Circuit (Case of 20)	IHC4011/20
Inspire nCPAP™ Generator with Non-Heated Wire Circuit With Water Trap (Case of 20)	IHC4055/20
Inspire nCPAP™ Generator & Cloverleaf Connecting Circuit, compatible with the MR850 series humidifiers (Case of 20)	IHC4064/20
Inspire nCPAP™ Generator & Cloverleaf Connecting Circuit, compatible with the MR850 series humidifiers c/w silencer (Case of 20)	IHC4068/20
Inspire nCPAP™ Generator, Cloverleaf Circuit, compatible with the MR850 series humidifiers c/w Fabian connecting limb and std. humidifier adaptor (Case of 20)	IHC4067/20
Inspire nCPAP™ Silencer (Case of 20)	IHC602/20
Masks and Prongs	
Inspire nCPAP™ Mask Small (Case of 10)	IHC609/10
Inspire nCPAP™ Mask Medium (Case of 10)	IHC610/10
Inspire nCPAP™ Mask Large (Case of 10)	IHC611/10
Inspire nCPAP™ Mask Extra Large (Case of 10)	IHC612/10
Inspire nCPAP™ Nasal Prong Small (Case of 10)	IHC605/10
Inspire nCPAP™ Nasal Prong Medium (Case of 10)	IHC606/10
Inspire nCPAP™ Nasal Prong Large (Case of 10)	IHC607/10
Bonnets	
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

500-105(5) 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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