

SLE1000 nasal CPAP Generator

for use with nasal CPAP Drivers



SLE1000
nCPAP Generator



When the smallest thing matters

The SLE1000 nCPAP Generator - Breathe easier

Key Features

- ✓ Proven Technology - The fluidic logic in the generator has been developed from known principles
- ✓ Cost-effective
- ✓ Can reduce Work of Breathing
- ✓ Works with most CPAP drivers
- ✓ New Bonnets - Simple to use with familiar colour coding. Fewer buttonholes reduce time in set-up and keep good fixation
- ✓ Complete System - Prongs / masks / bonnets and circuits
- ✓ Ensures there is a stable Constant Positive Airway Pressure
- ✓ Follows known relationship between flow and pressure
- ✓ Can help prevent re-intubation
- ✓ Can facilitate early extubation
- ✓ Every generator is 100% flow tested
- ✓ Cost-effective solution
- ✓ Flexible purchasing - buy generators with or without circuits, etc

Application

Many pre-term babies will require respiratory support once they are born. Nasal CPAP can help early extubation and weaning from ventilators and prevent babies needing further ventilation. The new SLE1000 nCPAP Generator from SLE Ltd, consists of a nCPAP generator that benefits from established fluidic principles to provide a noninvasive respiratory support to the neonate, along with circuits, bonnets, masks and prongs to facilitate ease of use.

Experienced

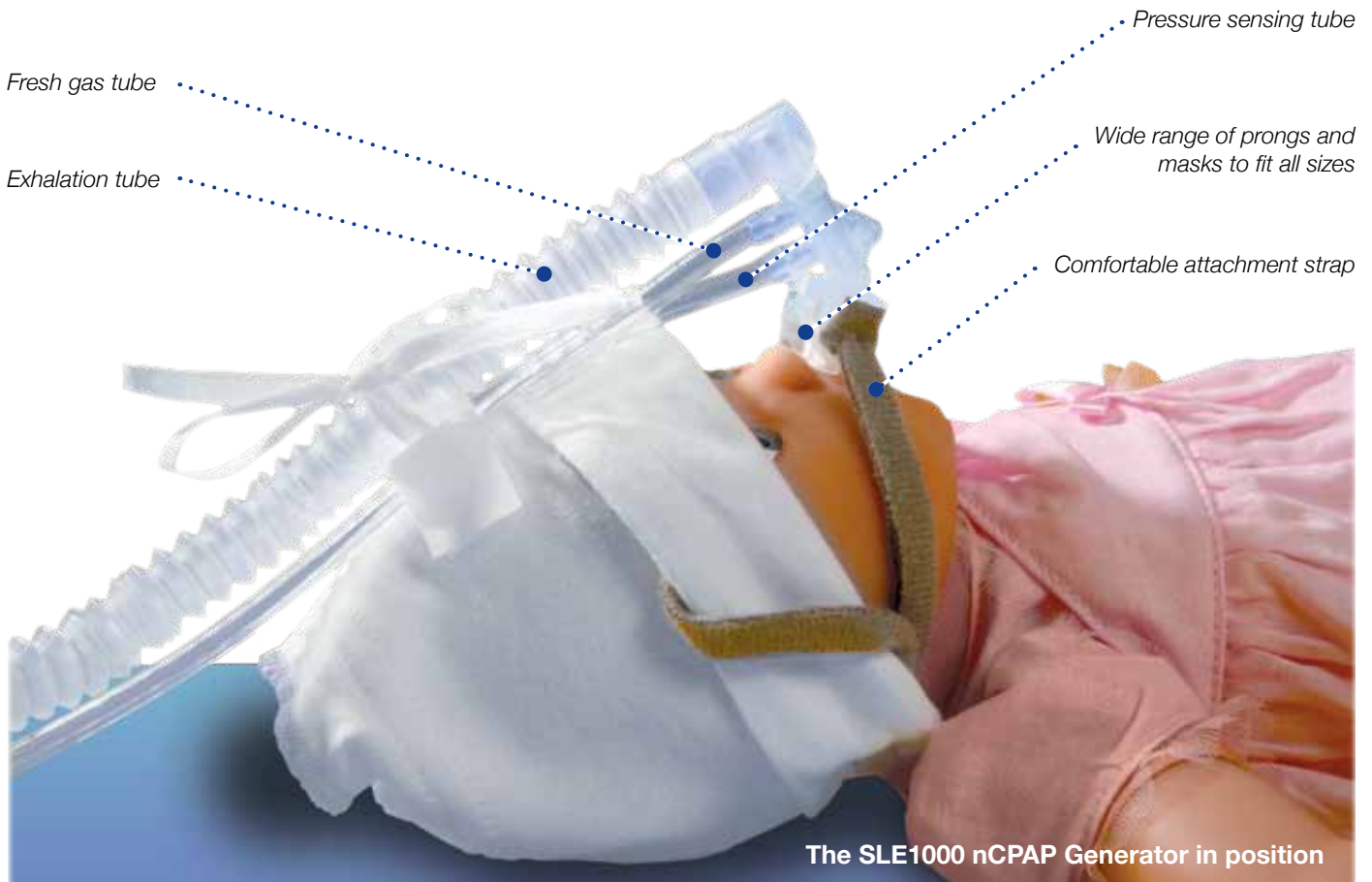
Nasal CPAP for treating babies has developed a great deal in the past 20 years with many devices now being available. The SLE1000 nCPAP Generator builds on the experience of the past to allow caregivers a cost-effective solution for supporting premature and sick babies.



Versatile

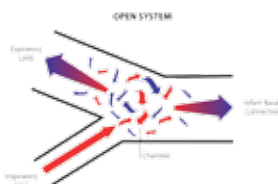
The SLE1000 nCPAP Generator technology has been tested with a variety of drivers, including SLE's own SLE1000 nCPAP Driver, the Aladdin/Arabella, Fabian DuoPAP, Infant Flow™ Advance and Infant Flow™ SiPAP.

In fact, any device that can deliver a flow of fresh gas 0-15 litres per minute at a driving pressure greater than 120 cmH₂O will cause the Fluidic Logic in the generator to work, producing a pressure in accordance with the published nomograph.

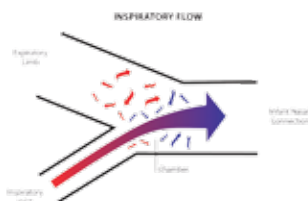


How it Works

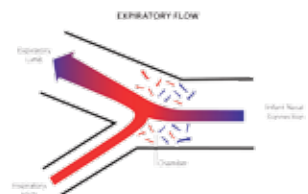
Fresh gas is accelerated through small entrance tubes, it enters the internal chamber at a certain angle, allowing it to become unstable and follow the path of least resistance.



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 .

Nasal CPAP works well since any added Work of Breathing (WoB) is reduced, ensuring the babies do not tire so quickly and allowing them to use energy to grow.

Ordering Details

Part Number	Description
BH6000/600/010	SLE1000 nCPAP Generators only (incl 3 prongs) [Box of 10]
BH6300/605/010	SLE1000 nCPAP Generators with F&P RT124 Spiral Heated Wire Circuit [Box of 10]
BH6400/605/010	SLE1000 nCPAP Generators with F&P RT324 Spiral Heated Wire Circuit and 290 Autofil Chamber [Box of 10]
BH6600/600/020	Silencers [Box of 20]
BH4M00/600/010	nCPAP Masks (S) [Box of 10]
BH5M00/600/010	nCPAP Masks (M) [Box of 10]
BH6M00/600/010	nCPAP Masks (L) [Box of 10]
BH7M00/600/010	nCPAP Masks (XL) [Box of 10]
BH1P00/600/010	nCPAP Prongs (S) [Box of 10]
BH2P00/600/010	nCPAP Prongs (M) [Box of 10]
BH3P00/600/010	nCPAP Prongs (L) [Box of 10]
BH1000/600/010	○ White bonnet (Size 000) [Box of 10]
BH0100/600/010	● Grey bonnet (Size 00) [Box of 10]
BH0110/600/010	● Pink bonnet (Size 0) [Box of 10]
BH0001/600/010	● Brown Bonnet (Size 1) [Box of 10]
BH0002/600/010	● Yellow Bonnet (Size 2) [Box of 10]
BH0003/600/010	● Blue Bonnet (Size 3) [Box of 10]
BH0004/600/010	● Gold Bonnet (Size 4) [Box of 10]
BH0005/600/010	● Green Bonnet (Size 5) [Box of 10]
BH0006/600/010	● Burgundy Bonnet (Size 6) [Box of 10]
BH0007/600/010	● Orange Bonnet (Size 7) [Box of 10]
BH0008/600/010	● Dark Green Bonnet (Size 8) [Box of 10]
BH0009/600/010	● Navy Bonnet (Size 9) [Box of 10]
BH1000/STP/001	Bonnet Sampler pack (36) includes 3 x each size of bonnet



12 different-sized bonnets allow for perfect fitting

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SLE is a world leader in the design and manufacture of neonatal ventilators.

Years of ventilation experience have given the company an understanding of the challenges facing nurses and clinicians when caring for the tiniest and most critical babies.

From being pioneers of neonatal Patient Triggered Ventilation (PTV) in the 1980's, to the introduction of combined HFO (High Frequency Oscillation) in the 1990's, SLE has maintained a position of strength in neonatal ventilation.

The knowledge and experience gained during years of development is evident in all of SLE's products: the result of SLE's ongoing commitments to innovation, competency and care.

Ask about the SLE1000 CPAP Driver. The SLE1000 features servo-controlled flow, meaning you set the CPAP you want, and the SLE1000 controls the flow.

So less time looking after the equipment and more time to manage the patient.



SLE Limited.

Twin Bridges Business Park, 232 Selsdon Road,
South Croydon Surrey CR2 6PL UK

Telephone: +44 (0)20 8681 1414 • Fax: +44 (0)20 8649 8570

E-mail: sales@sle.co.uk • Web: www.sle.co.uk

