

Accessories and consumables

Order information

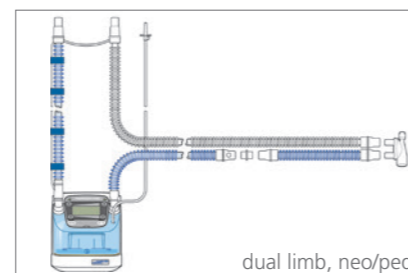
Product number	
282330	nCPAP starter kit small
281975	nCPAP starter kit
281976	nCPAP generator 20/box
281977	Nasal prongs, size XS; 10/box
281978	Nasal prongs, size S; 10/box
281980	Nasal prongs, size M; 10/box
281981	Nasal prongs, size L; 10/box
281982	Nasal prongs, size wide large; 10/box
281983	Nasal masks, size S, 10/box
281984	Nasal masks, size M; 10/box
281985	Nasal masks, size L; 10/box
281933	Nasal masks, size XL; 10/box
282327	Bonnets with fixation straps, size XXS (green); 10/box
281986	Bonnets with fixation straps, size XS (white)
281987	Bonnets with fixation straps, size S (yellow)
281988	Bonnets with fixation straps, size M (red)
281989	Bonnets with fixation straps, size L (blue)
281990	Bonnets with fixation straps, size XL (orange)
281991	Bonnets with fixation straps, size XXL (green)
281992	Bonnets with fixation straps, size XXXL (white)
281994	nCPAP measurement tape
260185	HAMILTON-BC8010 – Infant dual limb breathing set
260187	HAMILTON-BC4010 – Infant single limb breathing set



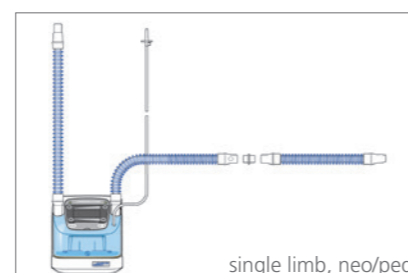
Bonnets, nasal mask and prongs



nCPAP generator



dual limb, neo/ped



single limb, neo/ped

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Bubble CPAP System

Respiratory support for neonates

The Bubble CPAP system comprises the active humidifier HAMILTON-H900 and the medin Miniflow/Bubble System.

Small airway pressure oscillations are produced by the bubbles created when the patient exhales. The oscillations improve gas exchange and lung function of spontaneously breathing neonates as soon as they reach the patient's lungs.

For further information, contact your local Hamilton Medical sales representative

¹ Pillow, J.J., et al., Bubble Continuous Positive Airway Pressure Enhances Lung Volume and Gas Exchange in Preterm Lambs. Am J Respir Crit Care Med, 2007.

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Swiss
Quality

HAMILTON
MEDICAL
Intelligent Ventilation since 1983

Intelligent humidification for neonates

Bubble CPAP is a special form of continuous positive airway pressure therapy (CPAP). It delivers mechanical oscillatory vibrations that simulate waveforms produced by high-frequency oscillation (HFV).¹ The pressure can be adjusted between 0 cmH₂O and 9.5 cmH₂O at 7 l/m.

This form of respiratory support may be a safe and effective alternative to nasal CPAP provided by ventilators, especially in resource-limited countries. Studies also have shown that bubble CPAP therapy has physiological advantages and may influence lung function and breathing efficiency in newborns, particularly suitable in terms of CO₂ clearance.¹

Your benefits

- ✓ Prevents alveolar collapse and supports recruitment of alveoli
- ✓ Increases lung capacity
- ✓ Reduces incidence of chronic lung disease
- ✓ Provides effective and gentle respiratory support

Technical specifications

Input flow range 3 to 15 l/min
 CPAP pressure range 0.5 to 9.5 cmH₂O
 Oxygen setting range 21% to 100%

Pressure limit 17 cmH₂O
 Air/O₂ outlet port ISO OD22/ID15
 Pressure monitoring port Female luer

Patient groups Neonates and pediatrics
 Intended use Single patient use



nCPAP generator



HAMILTON-H900 with breathing circuit set for neonates



- | | |
|---------------------------------------|--|
| 1 Expiratory temperature increase key | 8 Tube connection indicators |
| 2 Auto mode key | 9 Visual alarm indicator |
| 3 Chamber exit temperature slider | 10 Smooth-bore wall-heated tubes |
| 4 Invasive/noninvasive mode key | 11 Integrated temperature probe |
| 5 Temperature gradient slider | 12 Infant heated breathing set dual limb |
| 6 All-in-one connector | 13 Air/O ₂ blender |
| 7 Temperature monitoring window key | 14 Bubblers |