



Restohealth(Bubble CPAP System)



Restohealth-01



Restohealth-02



Restohealth-03

Newborn / Pediatric CPAP Continuous Positive Airway Pressure Ventilation Support System

Neonatal continuous positive airway pressure support system with nasal or nasal congestion CPAP (Nasal-CPAP) will continue to positive air flow into the airway CPAP ventilator. Refers to the spontaneous breathing conditions, the patient should have a stable respiratory drive force and the appropriate tidal volume, in the entire breathing cycle of artificial imposition of a certain degree of positive airway pressure, which is conducive to prevent airway collapse, increase the functional residual capacity , Improve lung compliance, and improve oxygenation. In this mode, the ventilator only maintains a certain positive airway pressure, without mechanical ventilation. For spontaneous breathing of the newborn, to provide continuous positive pressure ventilation support.

Product Superiority:

- Able to give the baby a safe and controllable oxygen concentration.
- It is possible to effectively maintain the functional residual capacity.
- Can help reduce the breathing done by the baby.
- Can reduce the need for invasive mechanical ventilation.
- Able to give the baby a better wet gas.
- Can significantly reduce the incidence of chronic pneumonia (CLD).
- Can improve some of the lung physiological indicators, such as height, weight and so on.

CPAP pressure generator

- With the CPAP pressure bar it is easy to set the shock pressure from 3 to 250px water column.
- Automatic water level adjustment mechanism to ensure constant CPAP pressure levels.
- Removable water tank can keep the CPAP from being interrupted.

Technical specifications

» Ventilation mode (MODE)	CPAP (BUBBLE CPAP) mode.
» The scope of application	Applicable to spontaneous breathing of the newborn, to provide continuous positive pressure ventilation support.
» Flow regulation LPM	0 LPM-10 LPM (Varies in different Air- Oxygen blender).
» Oxygen concentration O2%	21% -100%
» CPAP pressure	300 Pa – 1000 Pa (3 cm H ₂ O - 10 cm H ₂ O).
» Pressure warning	Sound alarm (Pneumatic alarm).
» Indicator light	On indicates that the device is in operation.
» Working noise	Not more than 55dB (A).
» Gas input	Medical oxygen 0.3MPa-0.4MPa.
» Power supply	Ac 220V ± 22V , 50Hz ± 1Hz.

Additional Feature (Restrohealth-02)

- With inbuilt Air-oxygen blender.
- Compact, easy to carry with built in handle on the top.
- Can be used as transport CPAP, if attached to power-supply and oxygen.
- New concept free built-in air compressor easy BUBBLE CPAP.
- Low power design for spontaneous breathing of newborns and children, to provide continuous positive pressure ventilation support.