

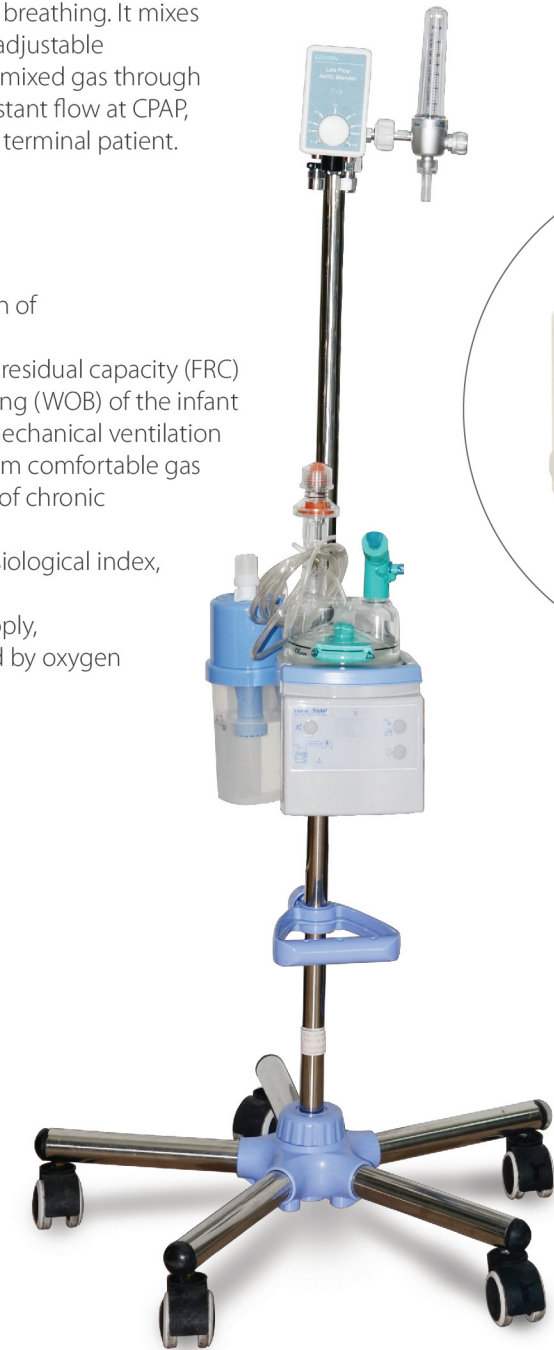
Specifications

- Input operating pressure: 280kPa–600kPa
- Output oxygen concentration: 21%–100%
- Accuracy of oxygen concentration: $\pm 3\%$
- CPAP control range: 0–10cmH₂O
- Airway overpressure protection: 2 –10cmH₂O
- Type of gas source input connector: DISS
- Flow:
10–15L/min or 0–30L/min (optional)

NV6 bubble CPAP

The system is intended to provide CPAP oxygen for a neonate/infant who has spontaneous breathing. It mixes medical air and medical oxygen with adjustable concentration, heat and humidify the mixed gas through a special humidifier to maintain a constant flow at CPAP, and finally delivery the mixed gas to a terminal patient.

- Provide safe and adjustable fraction of inspiration O₂ (FiO₂) to the infant
- Effectively maintain the functional residual capacity (FRC)
- Help to reduce the work of breathing (WOB) of the infant
- Reduce the demand for invasive mechanical ventilation
- Provide the infant with the optimum comfortable gas
- Significantly reduce the incidence of chronic lung disease (CLD)
- Improve some non-pulmonic physiological index, such as height and weight
- Replace previous pure-oxygen supply, avoiding medical accidents caused by oxygen toxicity.



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COMEN

High precision Air-oxygen Blender

- Stable input: GENTEC electroplating brass joint and gas tube connected to Air/O₂ inlets, built-in precision filter to ensure stable clean gas input.
- Alarm to detect imbalanced pressure: to equalize pressure, two-stage balancing chamber is built inside KL-20 with diaphragm reacting to any difference in source pressures and balancing these pressures. Severe pressure difference in gas sources will trigger the alarm.
- Accurate blending: high-precision proportioning valve and concentration-setting knob enable an exceptional oxygen % accuracy of $\pm 3\%$ after Air/O₂ blending.
- Precise O₂ output: high-precision GENTEC flowmeter equipped in O₂ outlet, anodized aluminum alloy body, back-pressure compensated, stable flow without influencing by outlet pressure



Superior quality Bubble PAP Valve

- The Bubble PAP Valve provides a convenient way to set airway pressure, freeing the clinician to focus more on patient assessment instead of device troubleshooting.
- This patent pending design delivers pressure with accuracy and stability throughout the course of therapy.
- Adjustable CPAP from 0 to 10 cmH₂O



advanced Pressure Limiting Valve

- The Pressure Limiting Manifold contains a safety valve to prevent pressure in the circuit from exceeding the preset level to ensure the safety of the patient



World leading Respiratory Humidifier

- F&P 850/810
VAD13000